

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051625\
 Data File : VY022280.D
 Acq On : 16 May 2025 10:32
 Operator : SY/MD
 Sample : VY0516SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0516SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 05/19/2025
 Supervised By :Semsettin Yesilyurt 05/19/2025

Quant Time: May 17 01:29:17 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 16 01:42:09 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	203690	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	339478	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	288167	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	130982	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	108666	48.814	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	97.620%		
35) Dibromofluoromethane	7.634	113	101282	49.986	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	99.980%		
50) Toluene-d8	10.103	98	419998	50.612	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	101.220%		
62) 4-Bromofluorobenzene	12.401	95	124508	47.336	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	94.680%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.860	85	45320	21.323	ug/l	100
3) Chloromethane	2.068	50	89643	20.050	ug/l	99
4) Vinyl Chloride	2.202	62	113325	22.687	ug/l	97
5) Bromomethane	2.592	94	100608	24.742	ug/l	100
6) Chloroethane	2.732	64	76134	24.499	ug/l	94
7) Trichlorofluoromethane	3.049	101	113531	22.449	ug/l	99
8) Diethyl Ether	3.452	74	24654	20.313	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.817	101	46371	21.120	ug/l	99
10) Methyl Iodide	4.006	142	50840	20.007	ug/l	98
11) Tert butyl alcohol	4.872	59	16691	98.184	ug/l #	100
12) 1,1-Dichloroethene	3.787	96	45722	20.985	ug/l	94
13) Acrolein	3.647	56	23160	93.192	ug/l	99
14) Allyl chloride	4.384	41	74770	19.572	ug/l	96
15) Acrylonitrile	5.055	53	50590	101.160	ug/l	98
16) Acetone	3.866	43	36565	87.598	ug/l	97
17) Carbon Disulfide	4.104	76	148802	20.944	ug/l	99
18) Methyl Acetate	4.378	43	25151	19.111	ug/l	97
19) Methyl tert-butyl Ether	5.116	73	122294	20.356	ug/l	99
20) Methylene Chloride	4.610	84	53780	19.939	ug/l	97
21) trans-1,2-Dichloroethene	5.110	96	50003	20.792	ug/l	97
22) Diisopropyl ether	6.018	45	158826	19.687	ug/l	99
23) Vinyl Acetate	5.957	43	469710	96.371	ug/l	99
24) 1,1-Dichloroethane	5.915	63	92513	20.525	ug/l	99
25) 2-Butanone	6.896	43	64571	92.480	ug/l	92
26) 2,2-Dichloropropane	6.884	77	80995	20.204	ug/l	99
27) cis-1,2-Dichloroethene	6.884	96	56366	20.310	ug/l	100
28) Bromochloromethane	7.244	49	38732	20.146	ug/l	99
29) Tetrahydrofuran	7.262	42	44428	98.905	ug/l	98
30) Chloroform	7.420	83	90902	21.026	ug/l	98
31) Cyclohexane	7.695	56	91439	20.304	ug/l	99
32) 1,1,1-Trichloroethane	7.616	97	80915	20.400	ug/l	99
36) 1,1-Dichloropropene	7.835	75	67913	20.349	ug/l	100
37) Ethyl Acetate	6.988	43	31487	19.608	ug/l	98
38) Carbon Tetrachloride	7.817	117	70584	20.432	ug/l	97
39) Methylcyclohexane	9.109	83	90919	20.277	ug/l	98
40) Benzene	8.079	78	204079	20.627	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.219	41	18400	17.274	ug/l #	88
42) 1,2-Dichloroethane	8.152	62	53133	19.859	ug/l	99
43) Isopropyl Acetate	8.195	43	66950	19.118	ug/l	99
44) Trichloroethene	8.865	130	51106	20.775	ug/l	96
45) 1,2-Dichloropropane	9.140	63	48446	20.310	ug/l	98
46) Dibromomethane	9.231	93	25997	20.207	ug/l	99
47) Bromodichloromethane	9.420	83	67595	20.253	ug/l	97
48) Methyl methacrylate	9.219	41	30284	18.491	ug/l	96
49) 1,4-Dioxane	9.237	88	6090	419.019	ug/l	90
51) 4-Methyl-2-Pentanone	9.999	43	163009	94.864	ug/l	98
52) Toluene	10.170	92	125822	20.083	ug/l	99
53) t-1,3-Dichloropropene	10.389	75	63546	19.510	ug/l	98
54) cis-1,3-Dichloropropene	9.853	75	74247	19.896	ug/l	97
55) 1,1,2-Trichloroethane	10.572	97	32948	20.000	ug/l	96
56) Ethyl methacrylate	10.438	69	49294	19.209	ug/l	97
57) 1,3-Dichloropropane	10.719	76	59270	20.249	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.713	63	99008	85.956	ug/l	98
59) 2-Hexanone	10.761	43	106944	92.824	ug/l	98
60) Dibromochloromethane	10.914	129	43309	20.254	ug/l	99
61) 1,2-Dibromoethane	11.011	107	30475	19.847	ug/l	99
64) Tetrachloroethene	10.645	164	54336	20.400	ug/l	97
65) Chlorobenzene	11.438	112	131384	20.209	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.517	131	43212	19.334	ug/l	97
67) Ethyl Benzene	11.517	91	242474	19.915	ug/l	98
68) m/p-Xylenes	11.627	106	181081	39.468	ug/l	99
69) o-Xylene	11.956	106	85366	19.666	ug/l	99
70) Styrene	11.968	104	142146	19.413	ug/l	99
71) Bromoform	12.127	173	23119	19.164	ug/l #	98
73) Isopropylbenzene	12.255	105	224799	20.716	ug/l	100
74) N-amyl acetate	12.072	43	59534	19.183	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.505	83	35066	21.012	ug/l	98
76) 1,2,3-Trichloropropane	12.554	75	25797m	19.440	ug/l	
77) Bromobenzene	12.529	156	48963	21.127	ug/l	93
78) n-propylbenzene	12.596	91	273198	20.873	ug/l	99
79) 2-Chlorotoluene	12.676	91	148194	20.603	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	178171	20.340	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	12844	19.607	ug/l	99
82) 4-Chlorotoluene	12.773	91	148810	20.114	ug/l	98
83) tert-Butylbenzene	12.999	119	162109	20.822	ug/l	99
84) 1,2,4-Trimethylbenzene	13.041	105	177507	20.414	ug/l	100
85) sec-Butylbenzene	13.175	105	238957	20.676	ug/l	100
86) p-Isopropyltoluene	13.291	119	199175	20.491	ug/l	98
87) 1,3-Dichlorobenzene	13.285	146	94598	19.994	ug/l	99
88) 1,4-Dichlorobenzene	13.364	146	91982	20.212	ug/l	99
89) n-Butylbenzene	13.614	91	189787	20.639	ug/l	99
90) Hexachloroethane	13.877	117	40423	20.602	ug/l	97
91) 1,2-Dichlorobenzene	13.657	146	80005	20.132	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.273	75	5453	20.264	ug/l	96
93) 1,2,4-Trichlorobenzene	14.919	180	45364	19.762	ug/l	97
94) Hexachlorobutadiene	15.023	225	26052	20.350	ug/l	96
95) Naphthalene	15.145	128	82519	18.943	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	37415	19.213	ug/l	98

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ALS Vial : 5 Sample Multiplier: 1

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ClientSampleId :
VY0516SBSD01

Manual Integrations
APPROVED

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Supervised By :Semsettin Yesilyurt 05/19/2025

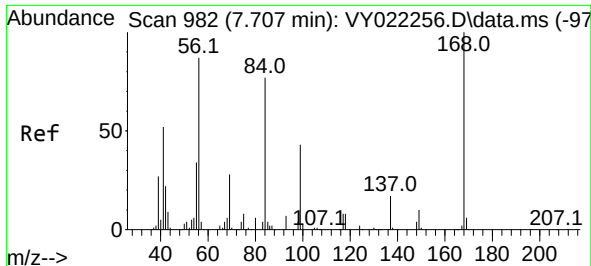
Quant Time: May 17 01:29:17 2025
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Quant Title : SW846 8260
QLast Update : Fri May 16 01:42:09 2025
Response via : Initial Calibration

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

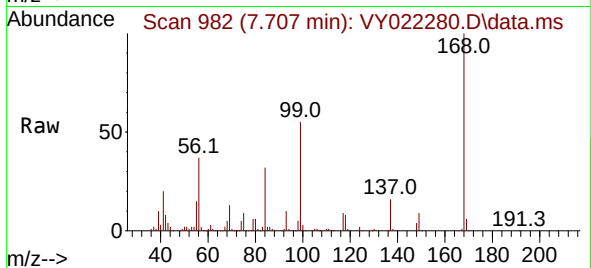
Reviewed By :Mahesh Dadoda 05/19/2025
Supervised By :Semsettin Yesilyurt 05/19/2025

[illegible]



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.000 min
Lab File: VY022280.D
Acq: 16 May 2025 10:32

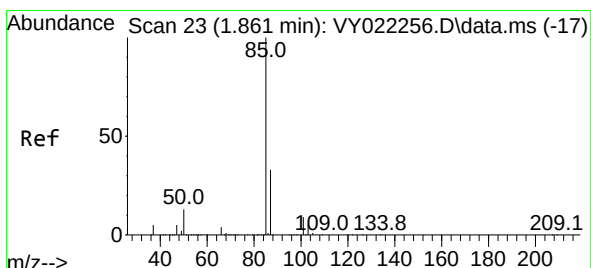
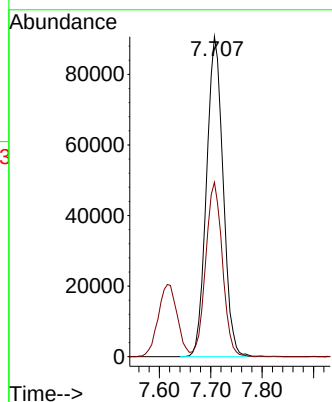
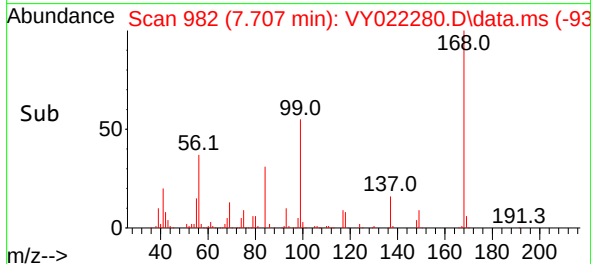
Instrument :
MSVOA_Y
ClientSampleId :
VY0516SBSD01



Tgt Ion:168 Resp: 203690
Ion Ratio Lower Upper
168 100
99 54.4 44.2 66.4

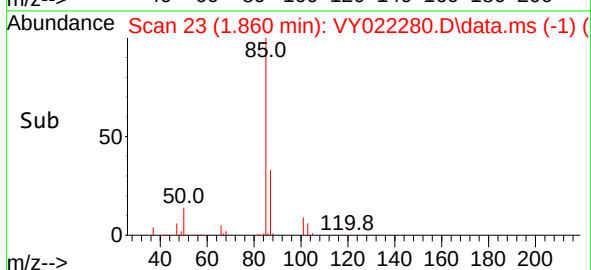
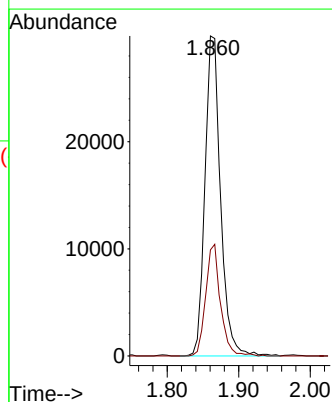
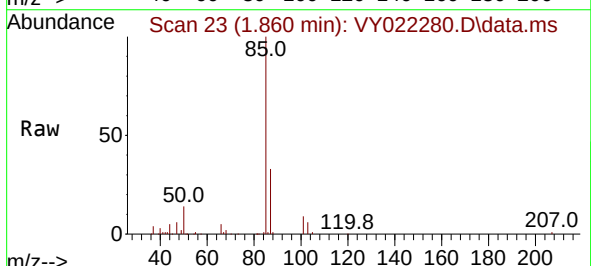
Manual Integrations
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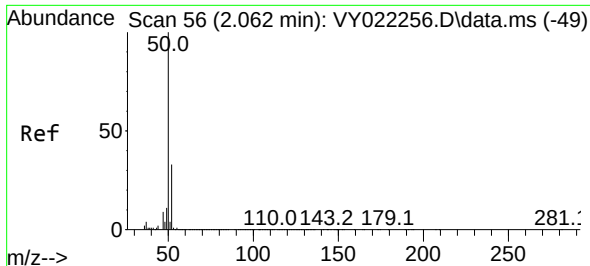
Reviewed By :Mahesh Dadoda 05/19/2025
Supervised By :Semsettin Yesilyurt 05/19/2025



#2
Dichlorodifluoromethane
Concen: 21.323 ug/l
RT: 1.860 min Scan# 23
Delta R.T. -0.000 min
Lab File: VY022280.D
Acq: 16 May 2025 10:32

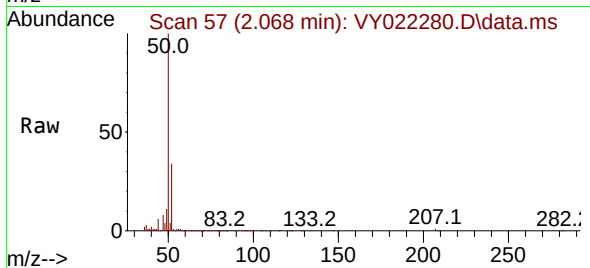
Tgt Ion: 85 Resp: 45320
Ion Ratio Lower Upper
85 100
87 33.2 16.5 49.5





#3
Chloromethane
Concen: 20.050 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY022280.D
Acq: 16 May 2025 10:32

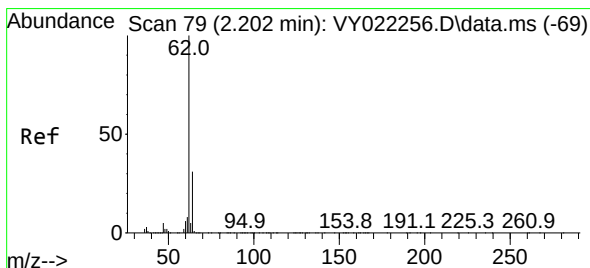
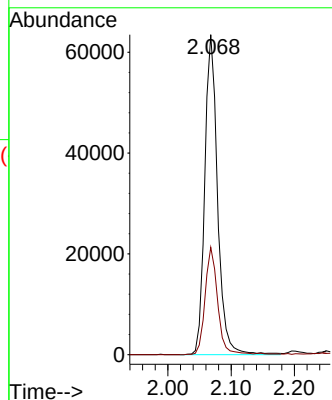
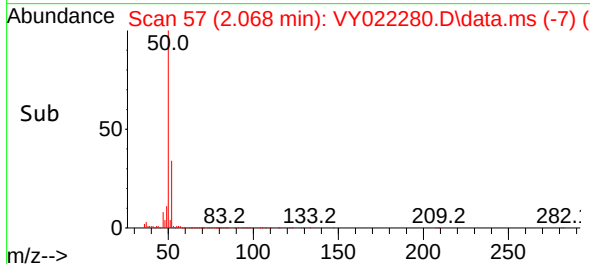
Instrument :
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ClientSampleId :
VY0516SBSD01



Tgt Ion: 50 Resp: 8964
Ion Ratio Lower Upper
50 100
52 33.5 26.5 39.7

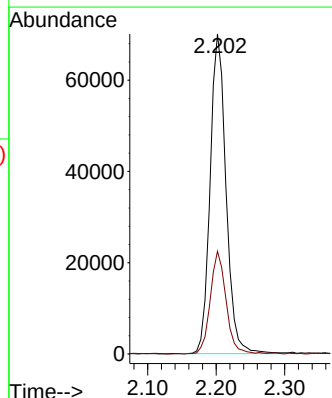
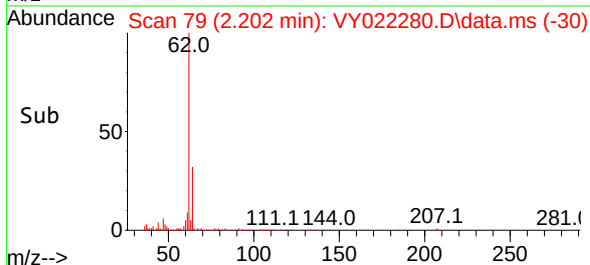
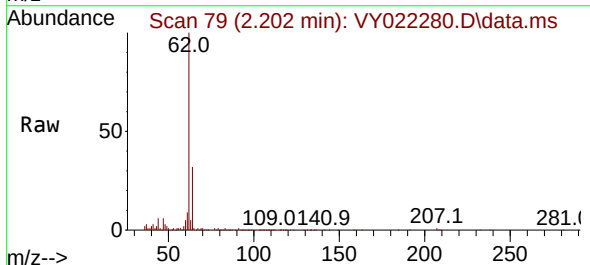
Manual Integrations
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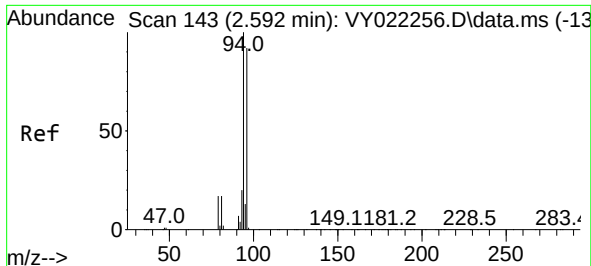
Reviewed By :Mahesh Dadoda 05/19/2025
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#4
Vinyl Chloride
Concen: 22.687 ug/l
RT: 2.202 min Scan# 79
Delta R.T. -0.000 min
Lab File: VY022280.D
Acq: 16 May 2025 10:32

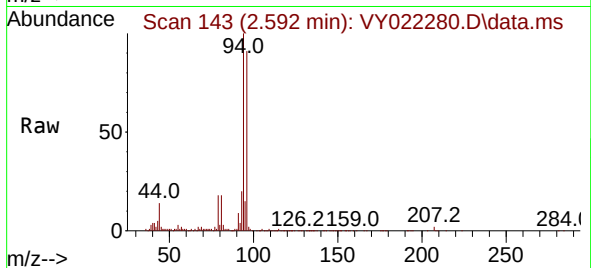
Tgt Ion: 62 Resp: 113325
Ion Ratio Lower Upper
62 100
64 32.0 24.5 36.7





#5
Bromomethane
Concen: 24.742 ug/l
RT: 2.592 min Scan# 143
Delta R.T. -0.000 min
Lab File: VY022280.D
Acq: 16 May 2025 10:32

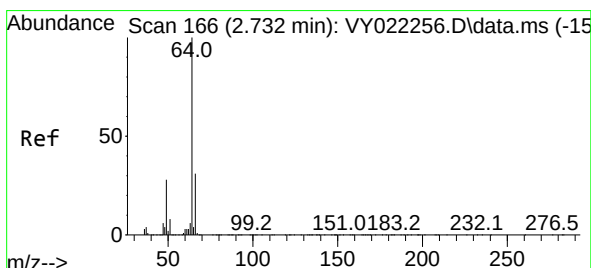
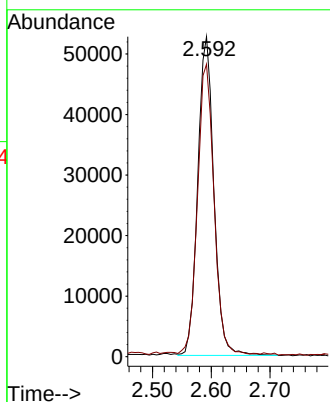
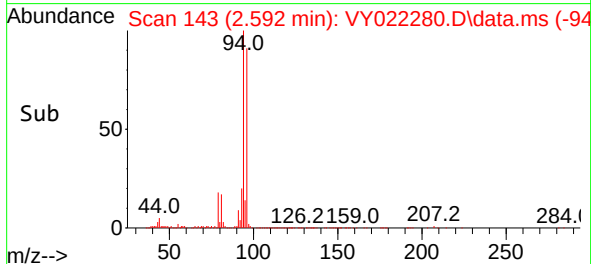
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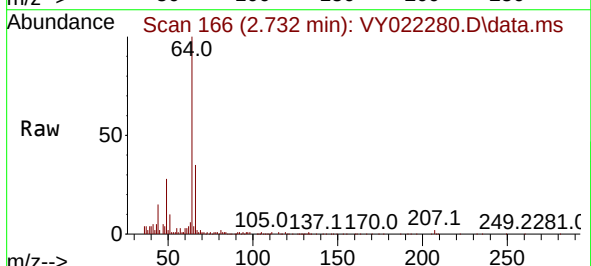
Tgt Ion: 94 Resp: 100608
Ion Ratio Lower Upper
94 100
96 91.2 73.4 110.0

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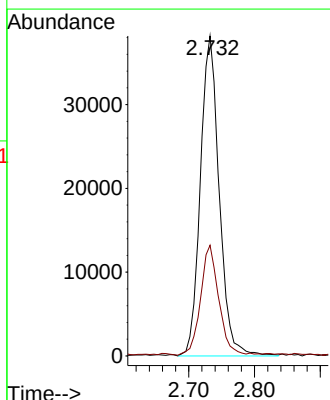
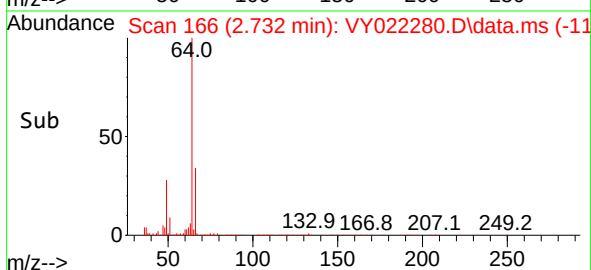
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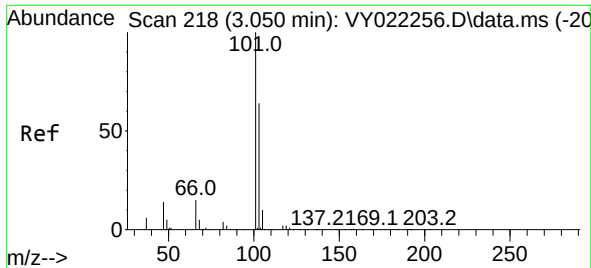


#6
Chloroethane
Concen: 24.499 ug/l
RT: 2.732 min Scan# 166
Delta R.T. -0.000 min
Lab File: VY022280.D
Acq: 16 May 2025 10:32



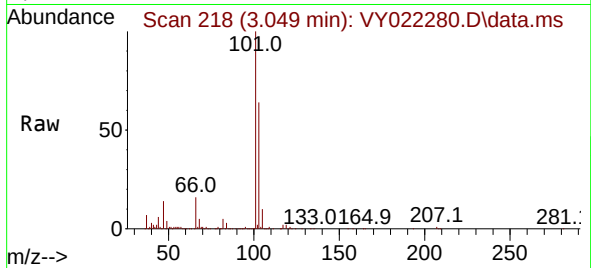
Tgt Ion: 64 Resp: 76134
Ion Ratio Lower Upper
64 100
66 34.3 24.8 37.2





#7
 Trichlorofluoromethane
 Concen: 22.449 ug/l
 RT: 3.049 min Scan# 218
 Delta R.T. -0.000 min
 Lab File: VY022280.D
 Acq: 16 May 2025 10:32

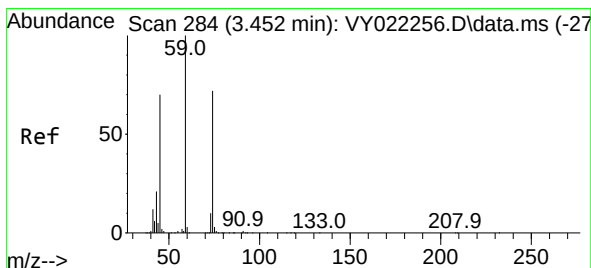
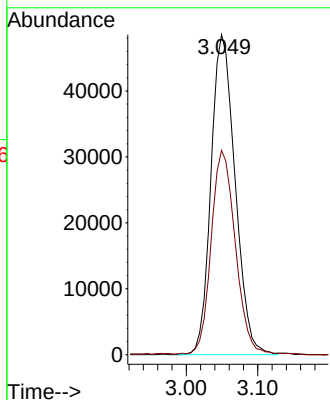
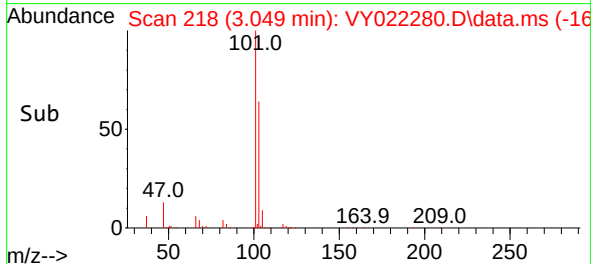
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0516SBSD01



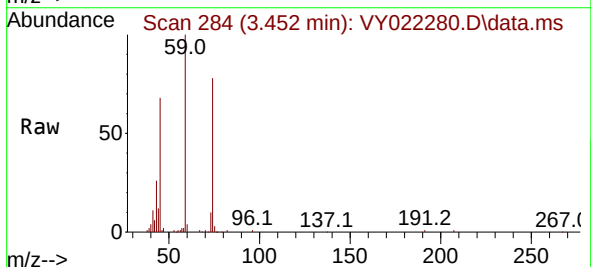
Tgt Ion:101 Resp: 11353
 Ion Ratio Lower Upper
 101 100
 103 63.6 51.7 77.5

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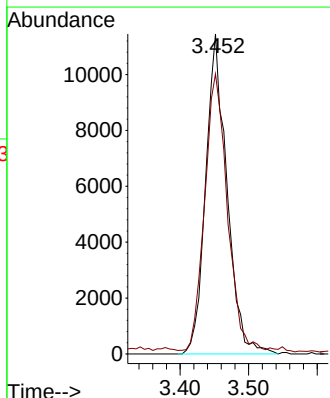
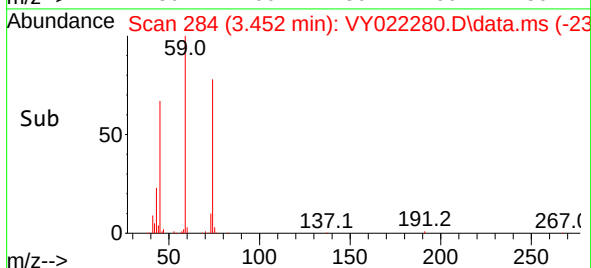
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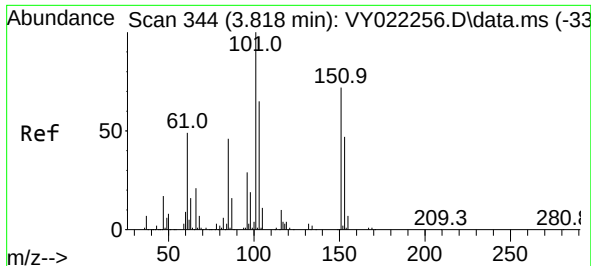


#8
 Diethyl Ether
 Concen: 20.313 ug/l
 RT: 3.452 min Scan# 284
 Delta R.T. -0.000 min
 Lab File: VY022280.D
 Acq: 16 May 2025 10:32



Tgt Ion: 74 Resp: 24654
 Ion Ratio Lower Upper
 74 100
 45 91.8 48.6 145.8





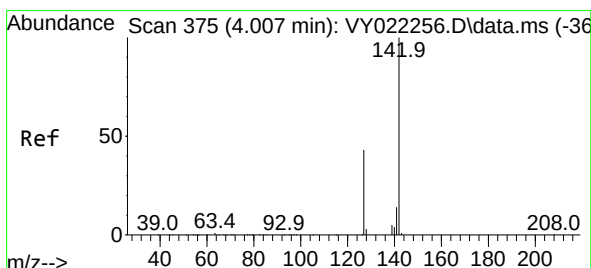
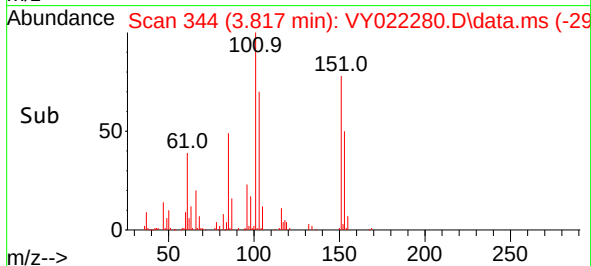
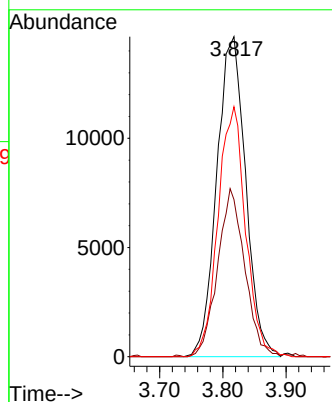
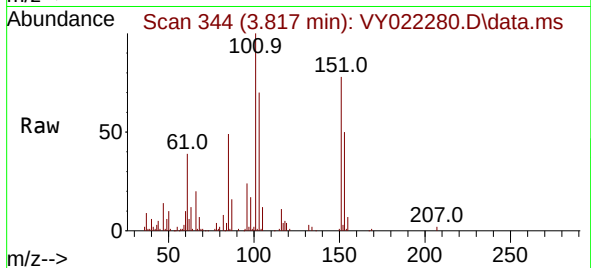
#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.120 ug/l
RT: 3.817 min Scan# 344
Delta R.T. -0.000 min
Lab File: VY022280.D
Acq: 16 May 2025 10:32

Instrument :
MSVOA_Y
ClientSampleId :
VY0516SBS01

Tgt Ion:101 Resp: 4637
Ion Ratio Lower Upper
101 100
85 49.5 38.6 58.0
151 74.8 59.7 89.5

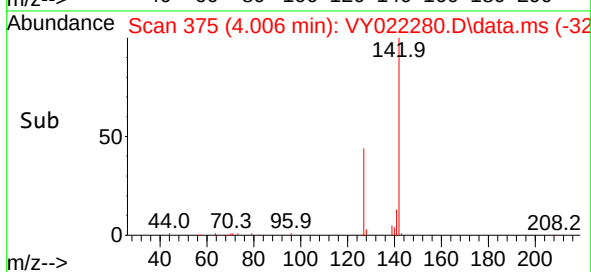
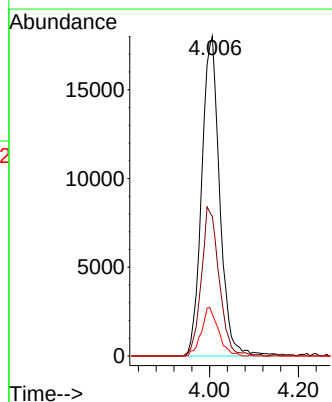
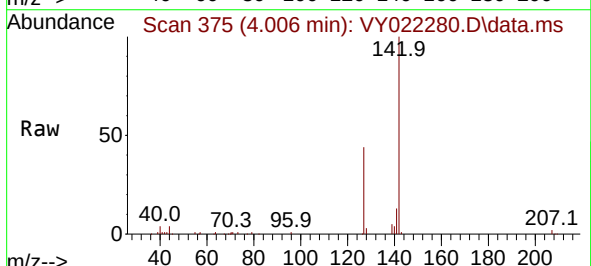
Manual Integrations
APPROVED

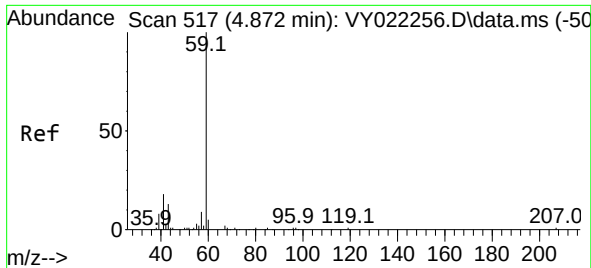
Reviewed By :Mahesh Dadoda 05/19/2025
Supervised By :Semsettin Yesilyurt 05/19/2025



#10
Methyl Iodide
Concen: 20.007 ug/l
RT: 4.006 min Scan# 375
Delta R.T. -0.000 min
Lab File: VY022280.D
Acq: 16 May 2025 10:32

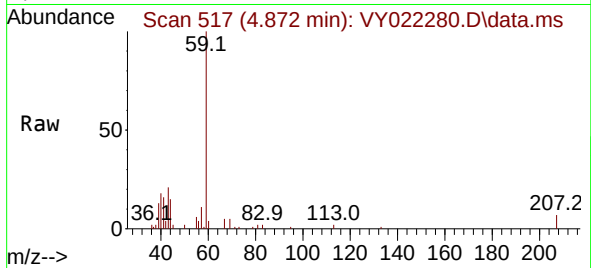
Tgt Ion:142 Resp: 50840
Ion Ratio Lower Upper
142 100
127 46.0 35.7 53.5
141 14.3 11.1 16.7





#11
Tert butyl alcohol
Concen: 98.184 ug/l
RT: 4.872 min Scan# 517
Delta R.T. -0.000 min
Lab File: VY022280.D
Acq: 16 May 2025 10:32

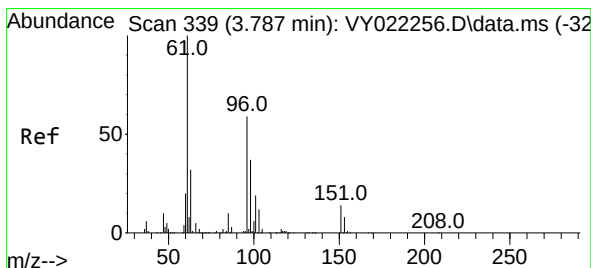
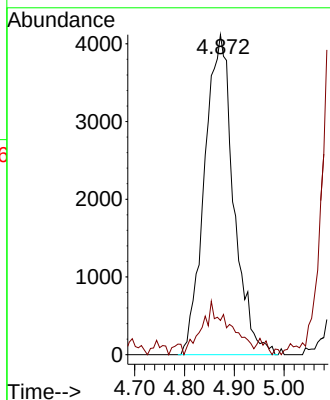
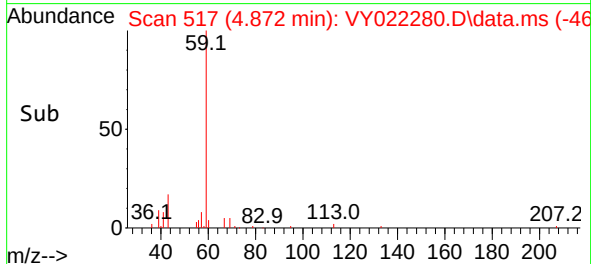
Instrument :
MSVOA_Y
ClientSampleId :
VY0516SBSD01



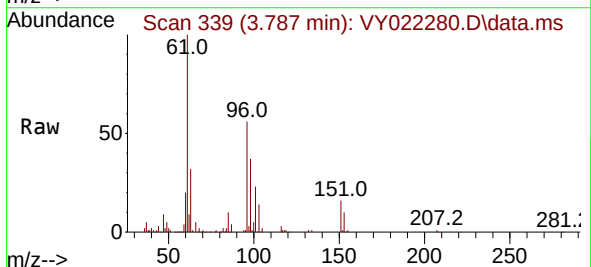
Tgt Ion: 59 Resp: 1669
Ion Ratio Lower Upper
59 100
57 16.0 0.0 0.0

Manual Integrations
APPROVED

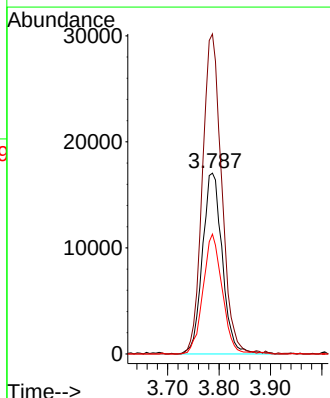
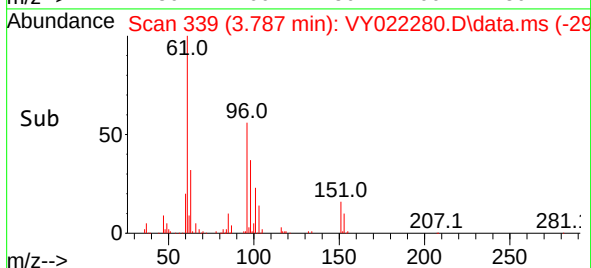
Reviewed By :Mahesh Dadoda 05/19/2025
Supervised By :Semsettin Yesilyurt 05/19/2025

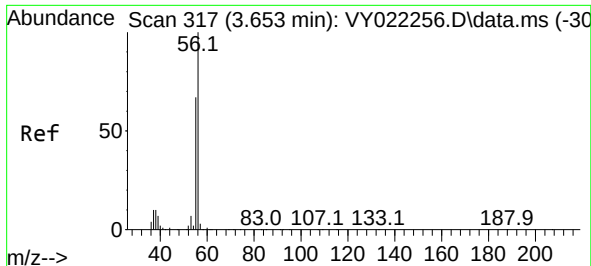


#12
1,1-Dichloroethene
Concen: 20.985 ug/l
RT: 3.787 min Scan# 339
Delta R.T. -0.000 min
Lab File: VY022280.D
Acq: 16 May 2025 10:32



Tgt Ion: 96 Resp: 45722
Ion Ratio Lower Upper
96 100
61 177.0 134.9 202.3
98 66.3 49.9 74.9





#13

Acrolein

Concen: 93.192 ug/l

RT: 3.647 min Scan# 316

Delta R.T. -0.006 min

Lab File: VY022280.D

Acq: 16 May 2025 10:32

Instrument :

MSVOA_Y

ClientSampleId :

VY0516SBS01

Tgt Ion: 56 Resp: 23160

Ion Ratio Lower Upper

56 100

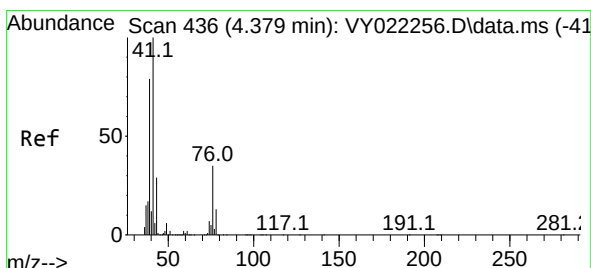
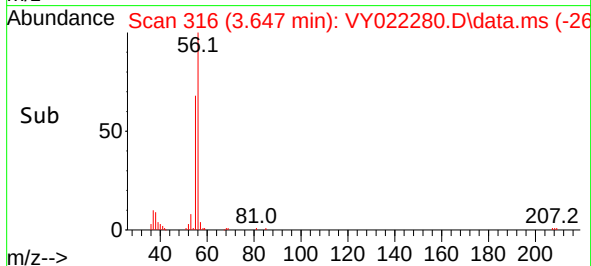
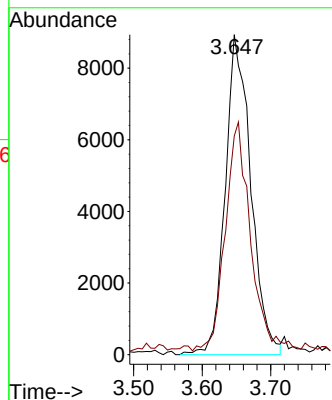
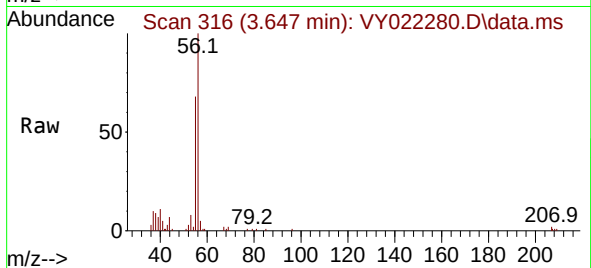
55 70.6 55.6 83.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/19/2025

Supervised By :Semsettin Yesilyurt 05/19/2025



#14

Allyl chloride

Concen: 19.572 ug/l

RT: 4.384 min Scan# 437

Delta R.T. 0.006 min

Lab File: VY022280.D

Acq: 16 May 2025 10:32

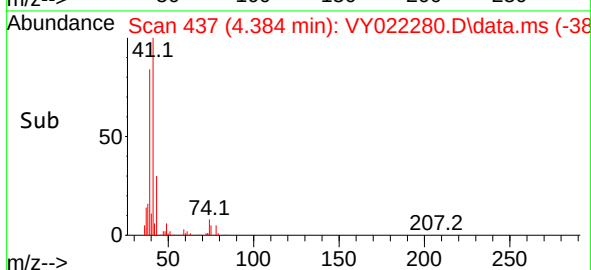
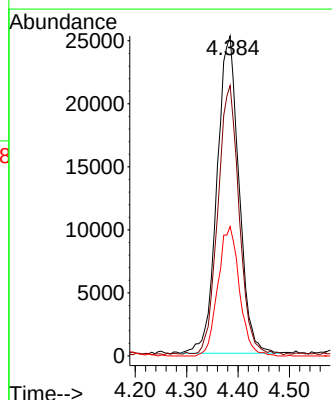
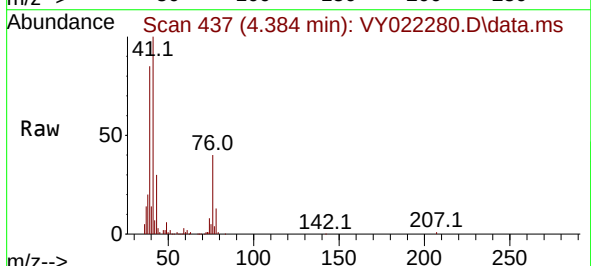
Tgt Ion: 41 Resp: 74770

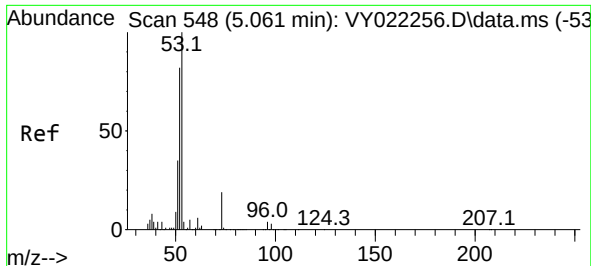
Ion Ratio Lower Upper

41 100

39 82.4 63.4 95.0

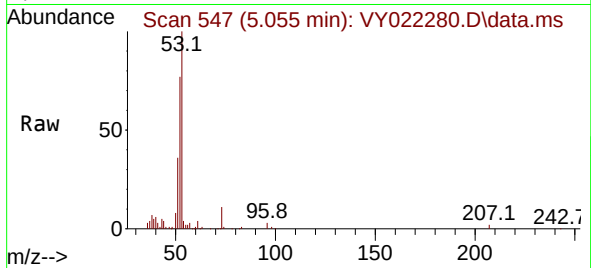
76 39.9 29.5 44.3





#15
Acrylonitrile
Concen: 101.160 ug/l
RT: 5.055 min Scan# 54
Delta R.T. -0.006 min
Lab File: VY022280.D
Acq: 16 May 2025 10:32

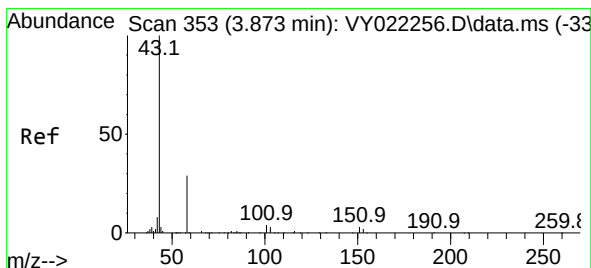
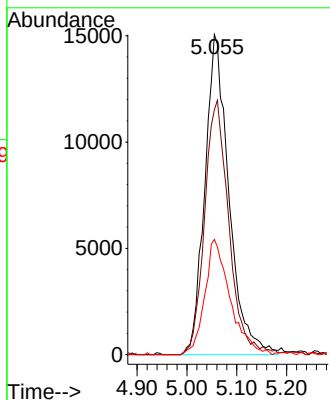
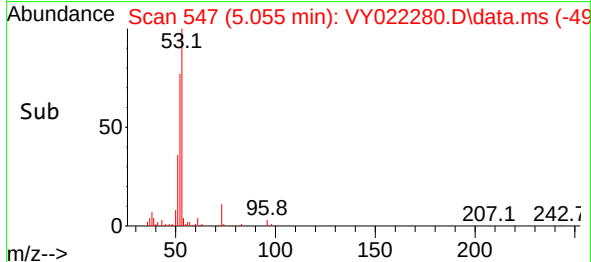
Instrument :
MSVOA_Y
ClientSampleId :
VY0516SBS01



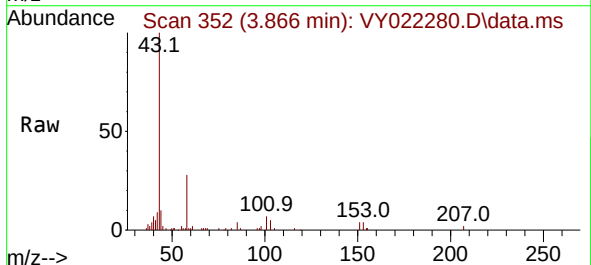
Tgt Ion: 53 Resp: 50590
Ion Ratio Lower Upper
53 100
52 80.3 66.1 99.1
51 37.9 30.0 45.0

Manual Integrations
APPROVED

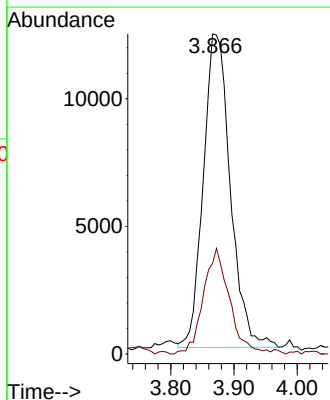
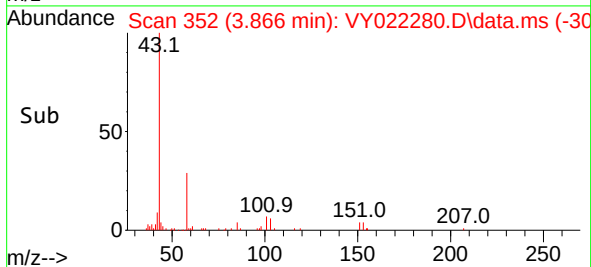
Reviewed By :Mahesh Dadoda 05/19/2025
Supervised By :Semsettin Yesilyurt 05/19/2025

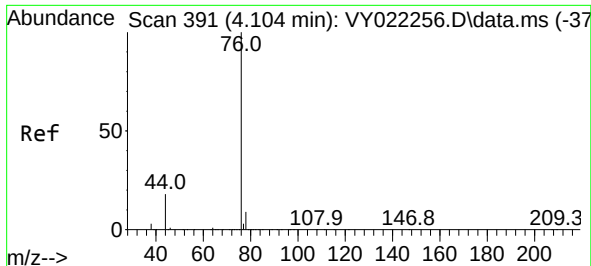


#16
Acetone
Concen: 87.598 ug/l
RT: 3.866 min Scan# 352
Delta R.T. -0.006 min
Lab File: VY022280.D
Acq: 16 May 2025 10:32



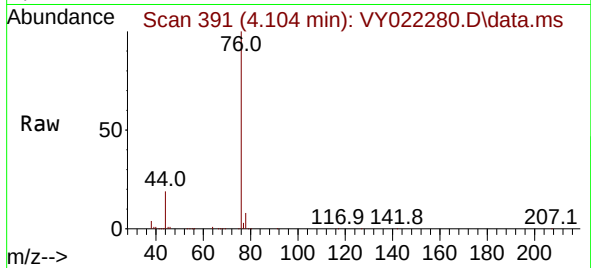
Tgt Ion: 43 Resp: 36565
Ion Ratio Lower Upper
43 100
58 28.1 23.6 35.4





#17
Carbon Disulfide
Concen: 20.944 ug/l
RT: 4.104 min Scan# 391
Delta R.T. -0.000 min
Lab File: VY022280.D
Acq: 16 May 2025 10:32

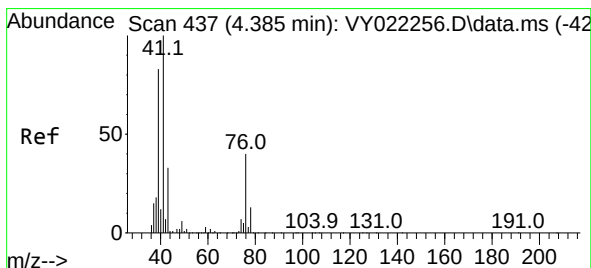
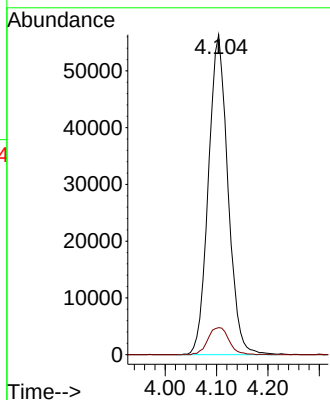
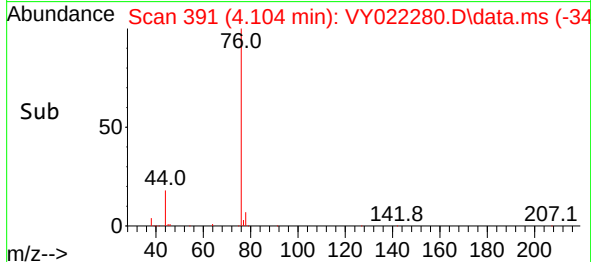
Instrument :
MSVOA_Y
ClientSampleId :
VY0516SBSD01



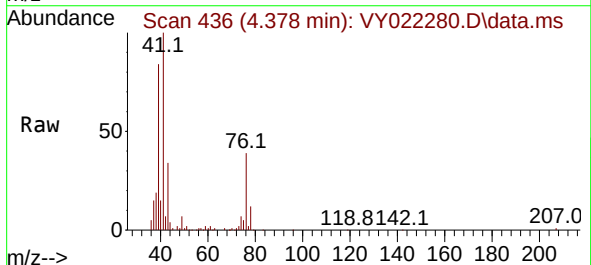
Tgt Ion: 76 Resp: 14880
Ion Ratio Lower Upper
76 100
78 8.5 7.2 10.8

Manual Integrations
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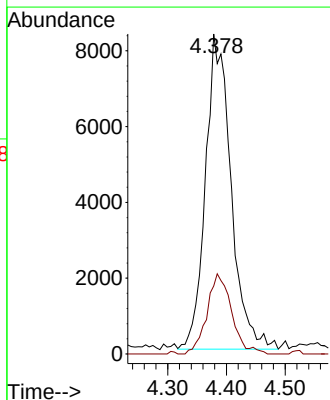
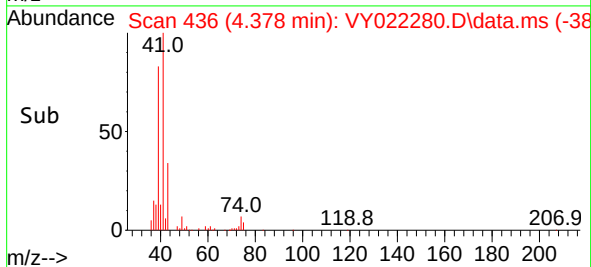
Reviewed By :Mahesh Dadoda 05/19/2025
Supervised By :Semsettin Yesilyurt 05/19/2025

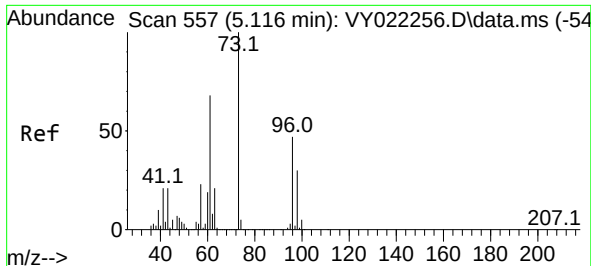


#18
Methyl Acetate
Concen: 19.111 ug/l
RT: 4.378 min Scan# 436
Delta R.T. -0.006 min
Lab File: VY022280.D
Acq: 16 May 2025 10:32



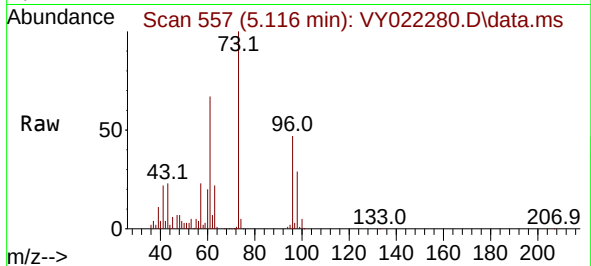
Tgt Ion: 43 Resp: 25151
Ion Ratio Lower Upper
43 100
74 24.5 18.2 27.4





#19
Methyl tert-butyl Ether
Concen: 20.356 ug/l
RT: 5.116 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY022280.D
Acq: 16 May 2025 10:32

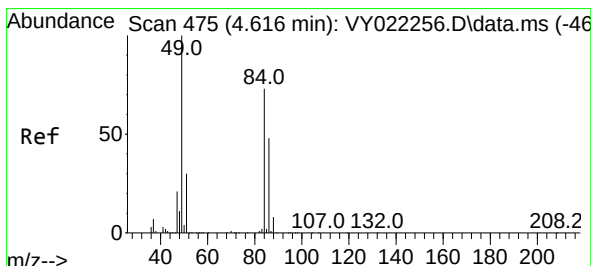
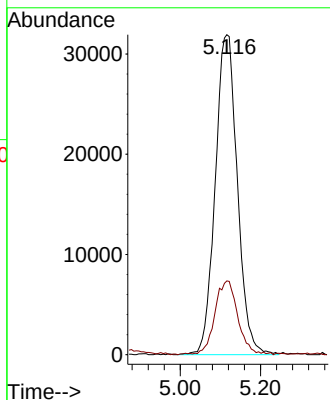
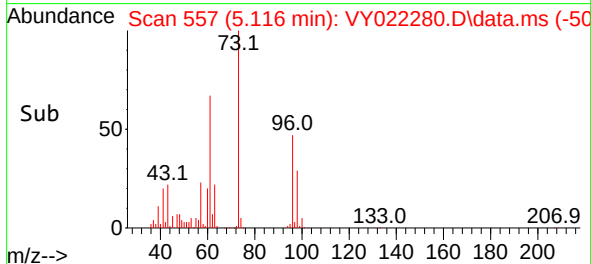
Instrument :
MSVOA_Y
ClientSampleId :
VY0516SBSD01



Tgt Ion: 73 Resp: 122294
Ion Ratio Lower Upper
73 100
57 23.0 18.6 28.0

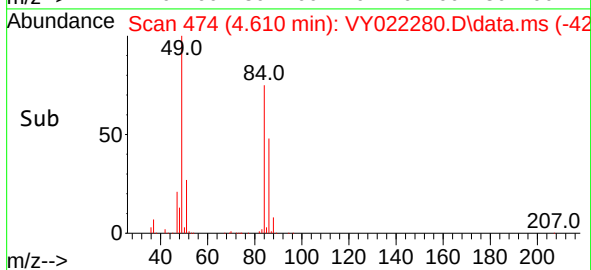
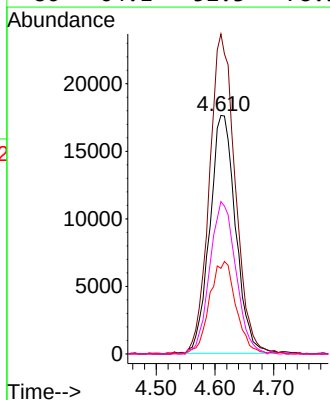
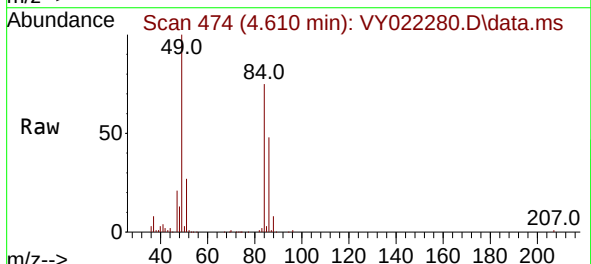
Manual Integrations
APPROVED

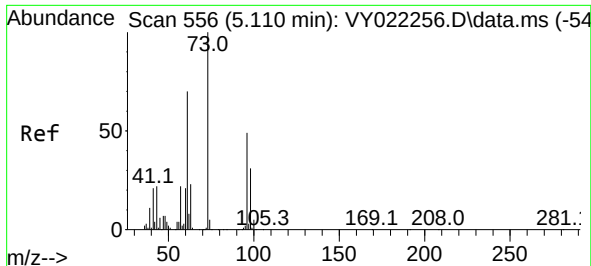
Reviewed By :Mahesh Dadoda 05/19/2025
Supervised By :Semsettin Yesilyurt 05/19/2025



#20
Methylene Chloride
Concen: 19.939 ug/l
RT: 4.610 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY022280.D
Acq: 16 May 2025 10:32

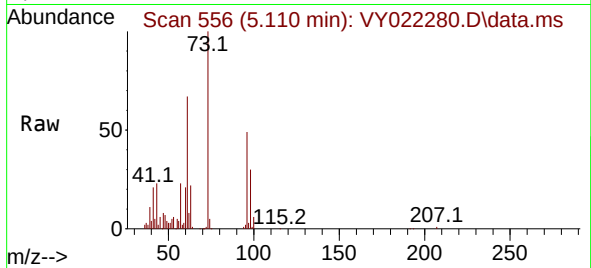
Tgt Ion: 84 Resp: 53780
Ion Ratio Lower Upper
84 100
49 134.1 109.6 164.4
51 36.0 32.4 48.6
86 64.1 52.3 78.5





#21
trans-1,2-Dichloroethene
Concen: 20.792 ug/l
RT: 5.110 min Scan# 511
Delta R.T. -0.000 min
Lab File: VY022280.D
Acq: 16 May 2025 10:32

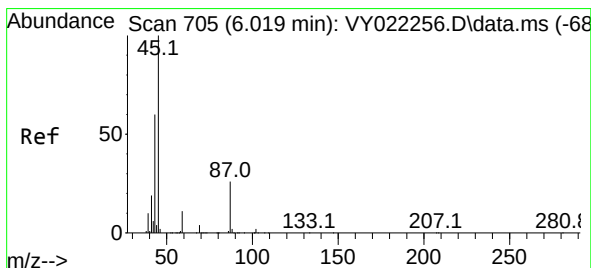
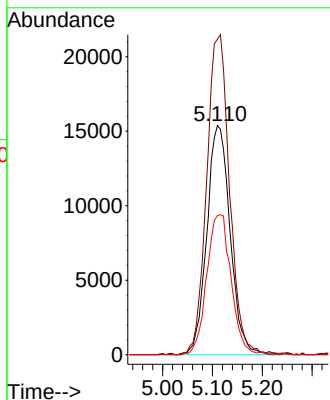
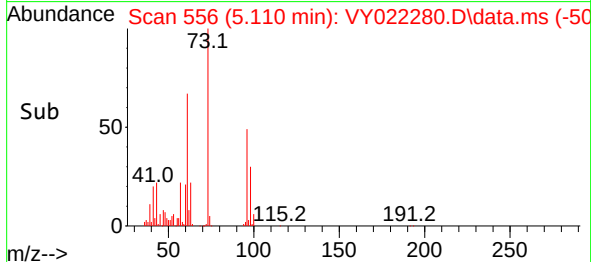
Instrument :
MSVOA_Y
ClientSampleId :
VY0516SBSD01



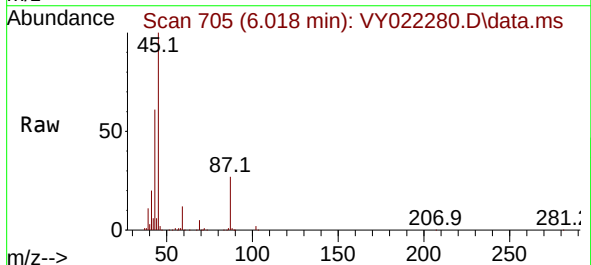
Tgt Ion: 96 Resp: 5000
Ion Ratio Lower Upper
96 100
61 137.7 113.4 170.0
98 60.7 50.9 76.3

Manual Integrations
APPROVED

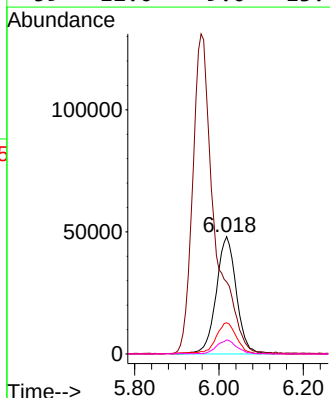
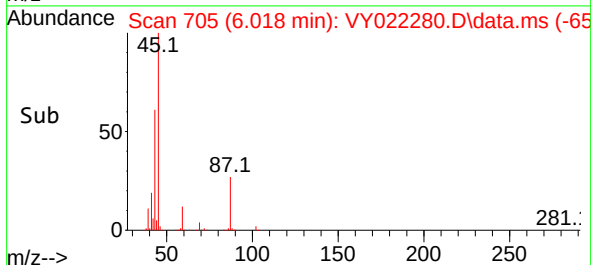
Reviewed By :Mahesh Dadoda 05/19/2025
Supervised By :Semsettin Yesilyurt 05/19/2025

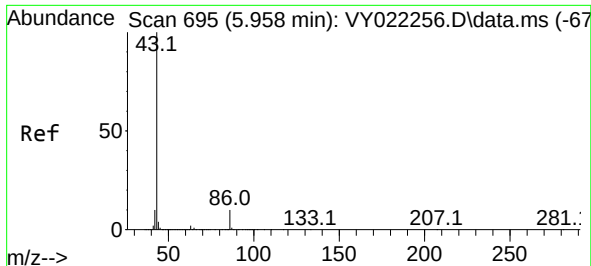


#22
Diisopropyl ether
Concen: 19.687 ug/l
RT: 6.018 min Scan# 705
Delta R.T. -0.000 min
Lab File: VY022280.D
Acq: 16 May 2025 10:32



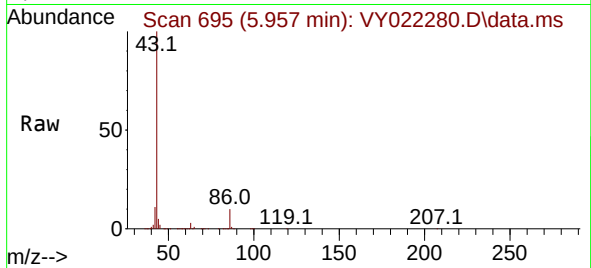
Tgt Ion: 45 Resp: 158826
Ion Ratio Lower Upper
45 100
43 60.6 48.2 72.2
87 26.4 21.4 32.0
59 12.0 9.0 13.4





#23
 Vinyl Acetate
 Concen: 96.371 ug/l
 RT: 5.957 min Scan# 695
 Delta R.T. -0.000 min
 Lab File: VY022280.D
 Acq: 16 May 2025 10:32

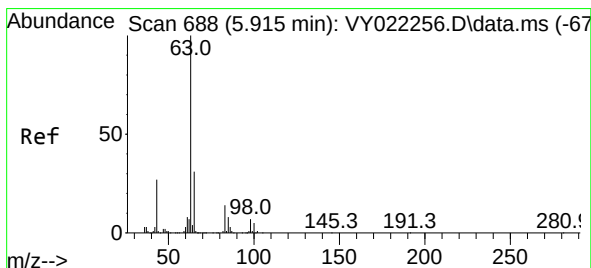
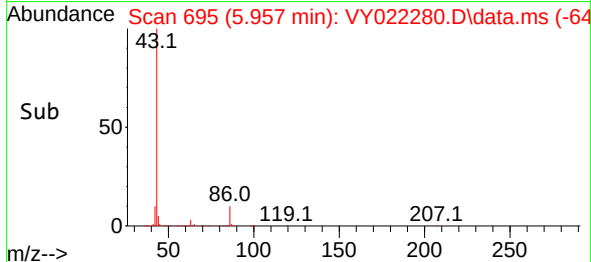
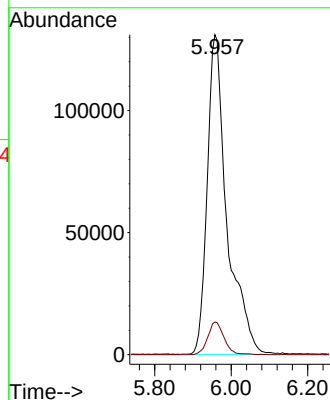
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0516SBSD01



Tgt Ion: 43 Resp: 469710
 Ion Ratio Lower Upper
 43 100
 86 10.2 7.8 11.8

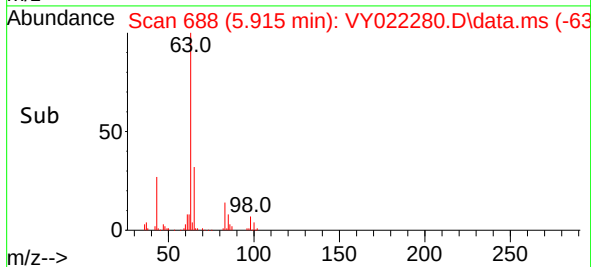
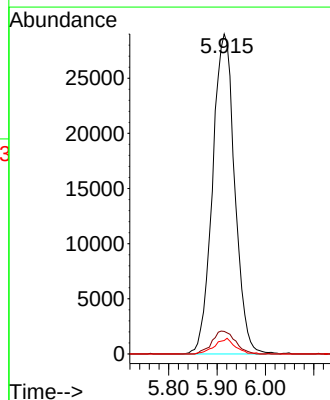
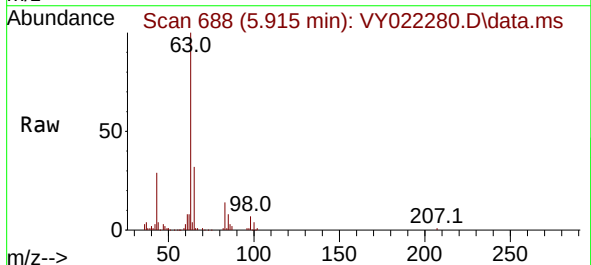
Manual Integrations
 APPROVED

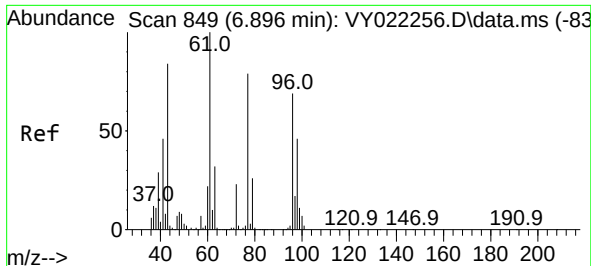
Reviewed By :Mahesh Dadoda 05/19/2025
 Supervised By :Semsettin Yesilyurt 05/19/2025



#24
 1,1-Dichloroethane
 Concen: 20.525 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. -0.000 min
 Lab File: VY022280.D
 Acq: 16 May 2025 10:32

Tgt Ion: 63 Resp: 92513
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.5 10.5
 100 4.2 2.4 7.2





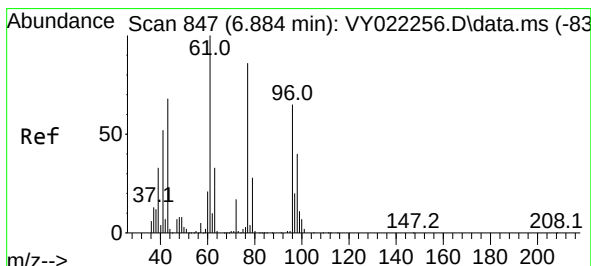
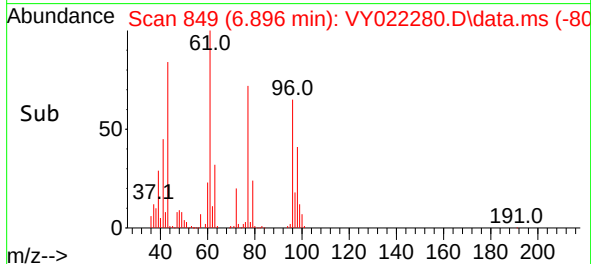
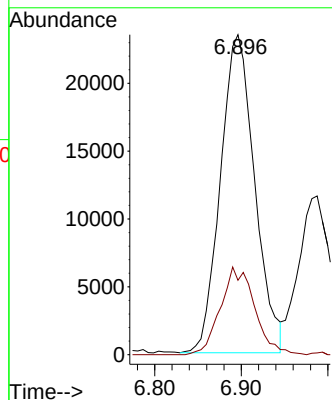
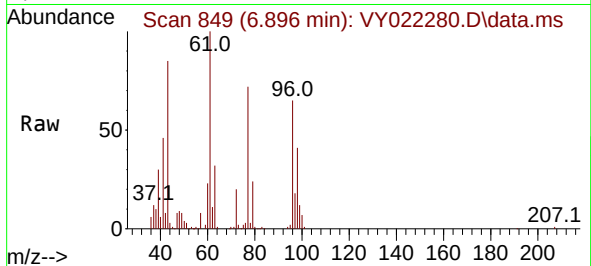
#25
2-Butanone
Concen: 92.480 ug/l
RT: 6.896 min Scan# 849
Delta R.T. -0.000 min
Lab File: VY022280.D
Acq: 16 May 2025 10:32

Instrument :
MSVOA_Y
ClientSampleId :
VY0516SBSD01

Tgt Ion: 43 Resp: 6457
Ion Ratio Lower Upper
43 100
72 23.4 22.1 33.1

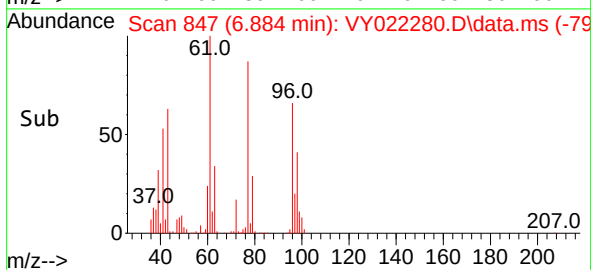
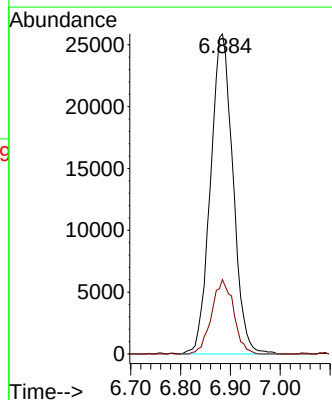
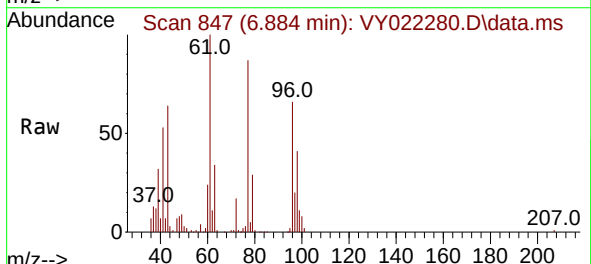
Manual Integrations
APPROVED

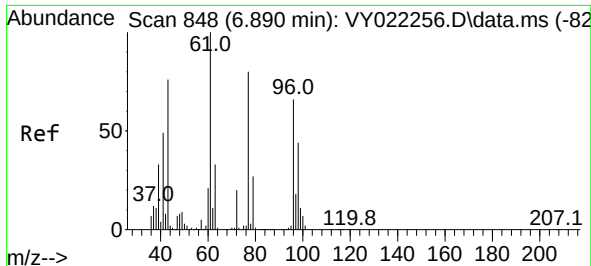
Reviewed By :Mahesh Dadoda 05/19/2025
Supervised By :Semsettin Yesilyurt 05/19/2025



#26
2,2-Dichloropropane
Concen: 20.204 ug/l
RT: 6.884 min Scan# 847
Delta R.T. -0.000 min
Lab File: VY022280.D
Acq: 16 May 2025 10:32

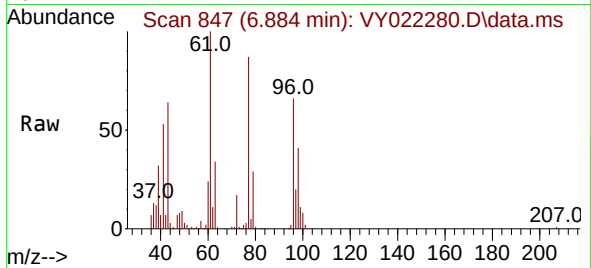
Tgt Ion: 77 Resp: 80995
Ion Ratio Lower Upper
77 100
97 22.7 11.2 33.5





#27
 cis-1,2-Dichloroethene
 Concen: 20.310 ug/l
 RT: 6.884 min Scan# 848
 Delta R.T. -0.006 min
 Lab File: VY022280.D
 Acq: 16 May 2025 10:32

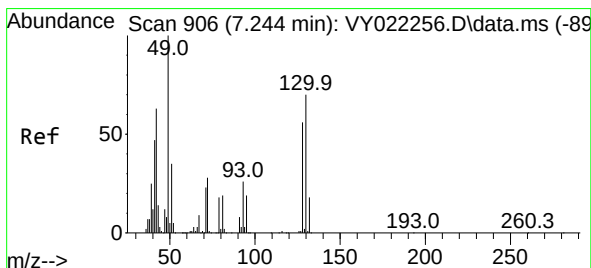
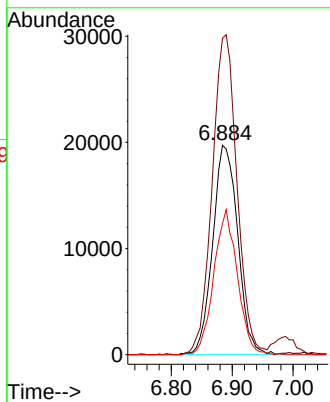
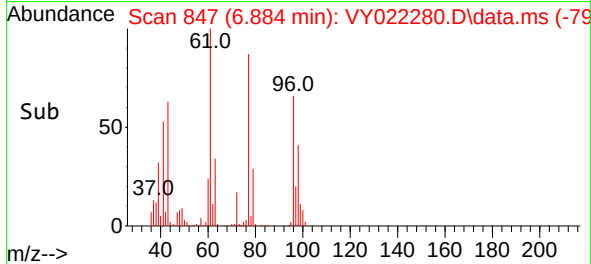
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0516SBS01



Tgt Ion: 96 Resp: 5636
 Ion Ratio Lower Upper
 96 100
 61 151.2 0.0 302.6
 98 65.2 0.0 128.8

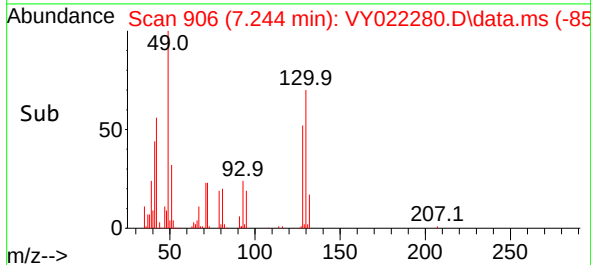
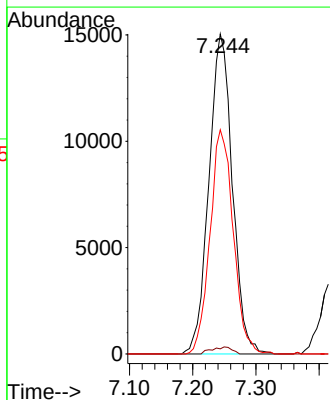
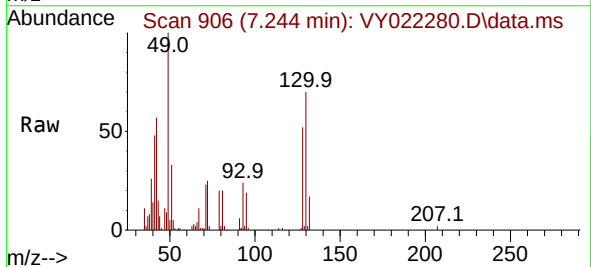
Manual Integrations
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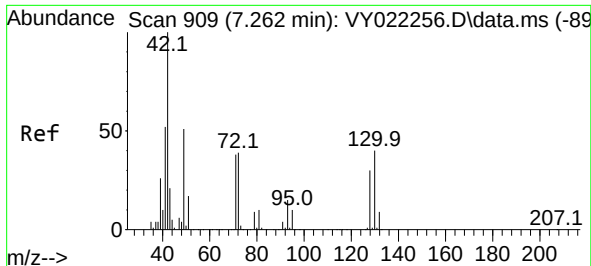
Reviewed By :Mahesh Dadoda 05/19/2025
 Supervised By :Semsettin Yesilyurt 05/19/2025



#28
 Bromochloromethane
 Concen: 20.146 ug/l
 RT: 7.244 min Scan# 906
 Delta R.T. -0.000 min
 Lab File: VY022280.D
 Acq: 16 May 2025 10:32

Tgt Ion: 49 Resp: 38732
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 3.6
 130 69.4 54.7 82.1





#29

Tetrahydrofuran

Concen: 98.905 ug/l

RT: 7.262 min Scan# 909

Delta R.T. -0.000 min

Lab File: VY022280.D

Acq: 16 May 2025 10:32

Instrument :

MSVOA_Y

ClientSampleId :

VY0516SBS01

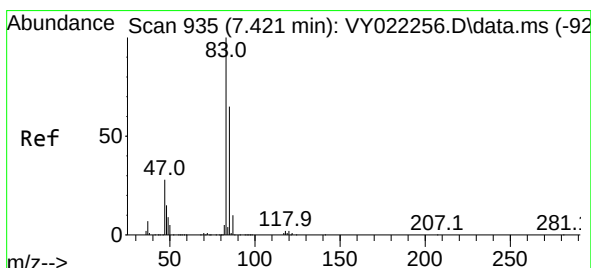
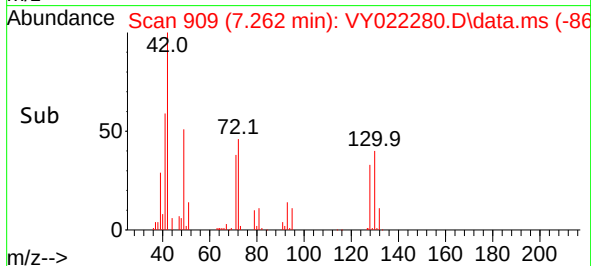
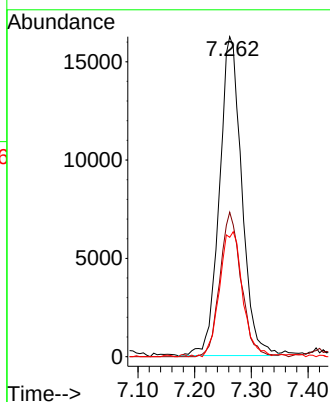
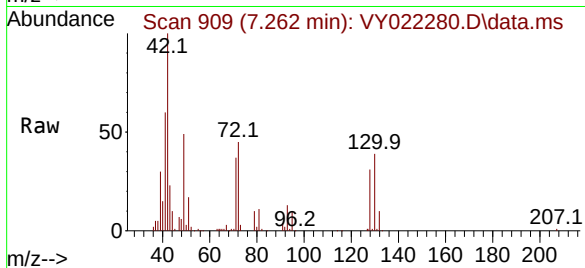
Tgt Ion: 42 Resp: 44428

Ion	Ratio	Lower	Upper
42	100		
72	43.4	33.8	50.6
71	40.5	31.5	47.3

Manual Integrations

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Reviewed By :Mahesh Dadoda 05/19/2025
Supervised By :Semsettin Yesilyurt 05/19/2025



#30

Chloroform

Concen: 21.026 ug/l

RT: 7.420 min Scan# 935

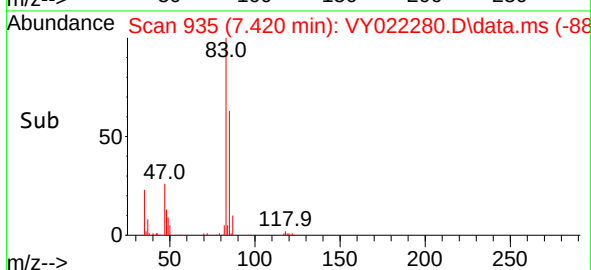
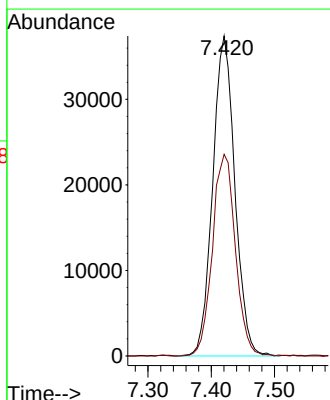
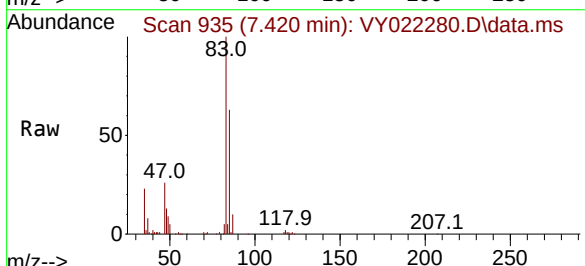
Delta R.T. -0.000 min

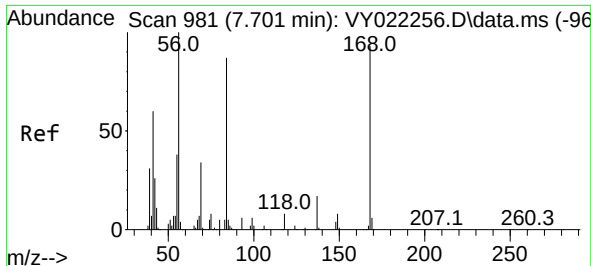
Lab File: VY022280.D

Acq: 16 May 2025 10:32

Tgt Ion: 83 Resp: 90902

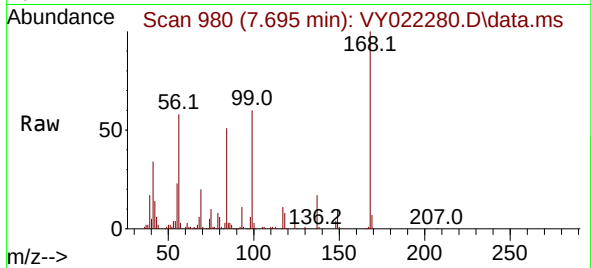
Ion	Ratio	Lower	Upper
83	100		
85	63.0	51.8	77.8





#31
Cyclohexane
Concen: 20.304 ug/l
RT: 7.695 min Scan# 91439
Delta R.T. -0.006 min
Lab File: VY022280.D
Acq: 16 May 2025 10:32

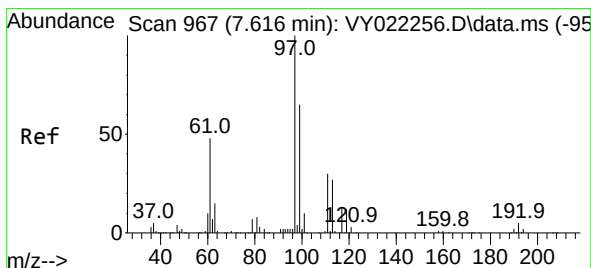
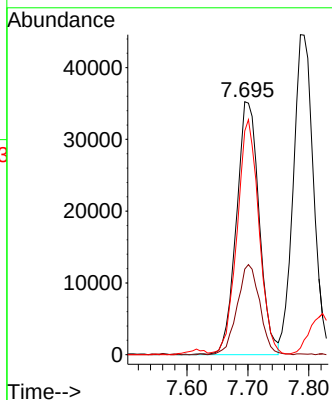
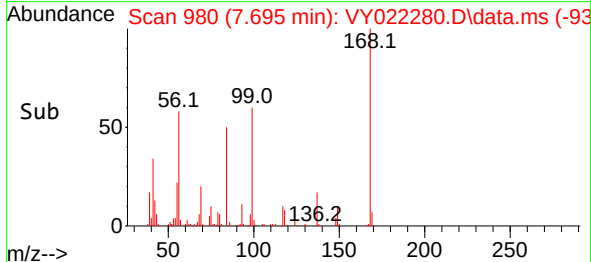
Instrument :
MSVOA_Y
ClientSampleId :
VY0516SBS01



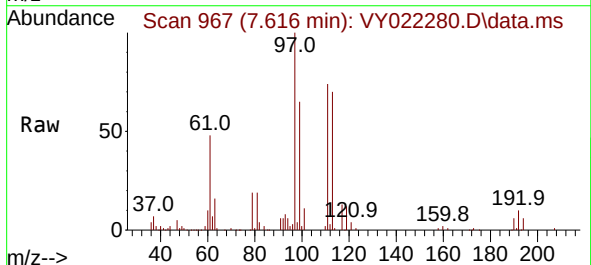
Tgt Ion: 56 Resp: 91439
Ion Ratio Lower Upper
56 100
69 33.7 27.4 41.2
84 88.0 70.0 105.0

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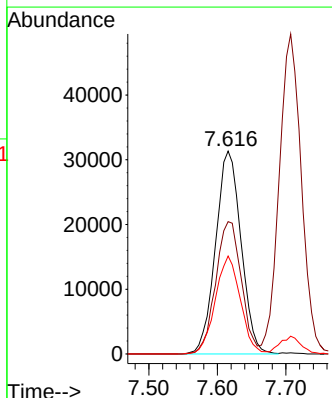
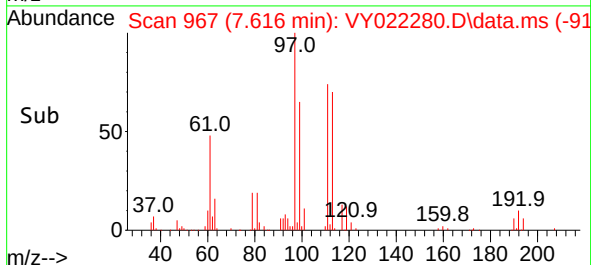
Reviewed By :Mahesh Dadoda 05/19/2025
Supervised By :Semsettin Yesilyurt 05/19/2025

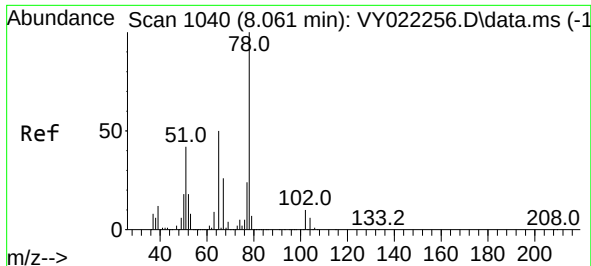


#32
1,1,1-Trichloroethane
Concen: 20.400 ug/l
RT: 7.616 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY022280.D
Acq: 16 May 2025 10:32



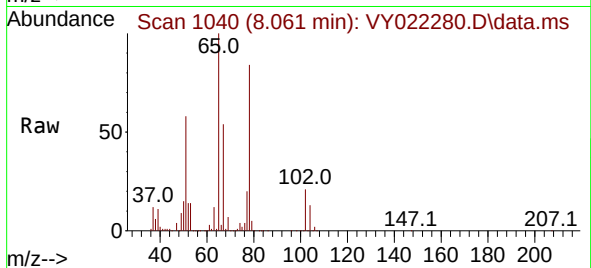
Tgt Ion: 97 Resp: 80915
Ion Ratio Lower Upper
97 100
99 65.4 51.4 77.0
61 47.6 38.1 57.1





#33
1,2-Dichloroethane-d4
Concen: 48.814 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY022280.D
Acq: 16 May 2025 10:32

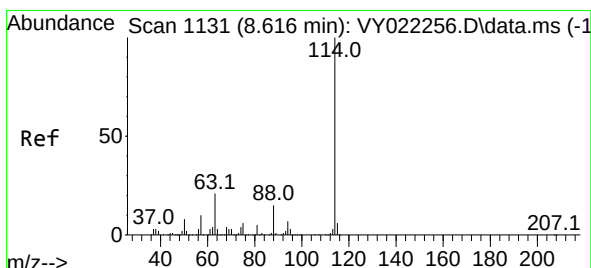
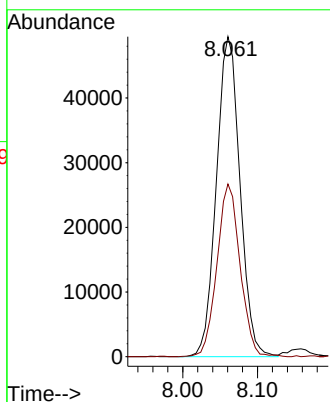
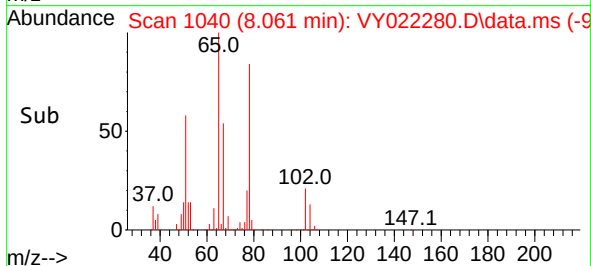
Instrument :
MSVOA_Y
ClientSampleId :
VY0516SBSD01



Tgt Ion: 65 Resp: 108660
Ion Ratio Lower Upper
65 100
67 52.8 0.0 104.6

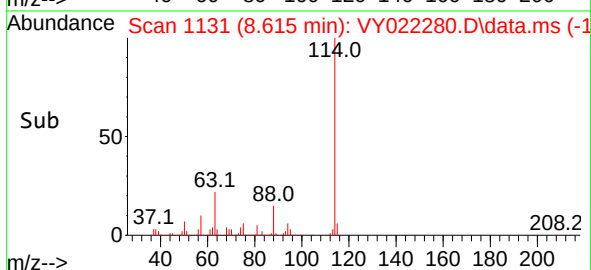
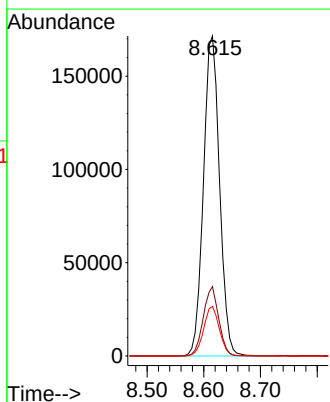
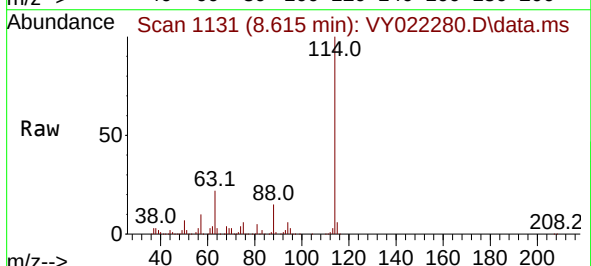
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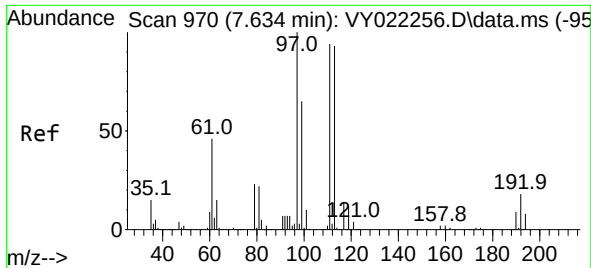
Reviewed By :Mahesh Dadoda 05/19/2025
Supervised By :Semsettin Yesilyurt 05/19/2025



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.615 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VY022280.D
Acq: 16 May 2025 10:32

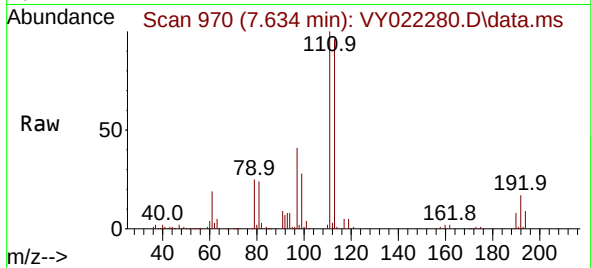
Tgt Ion:114 Resp: 339478
Ion Ratio Lower Upper
114 100
63 21.7 0.0 41.0
88 15.4 0.0 29.4





#35
Dibromofluoromethane
Concen: 49.986 ug/l
RT: 7.634 min Scan# 910
Delta R.T. -0.000 min
Lab File: VY022280.D
Acq: 16 May 2025 10:32

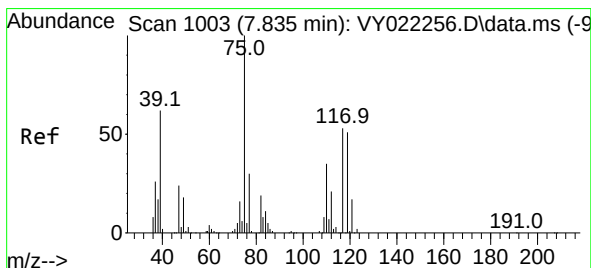
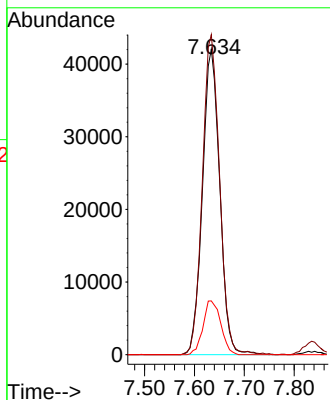
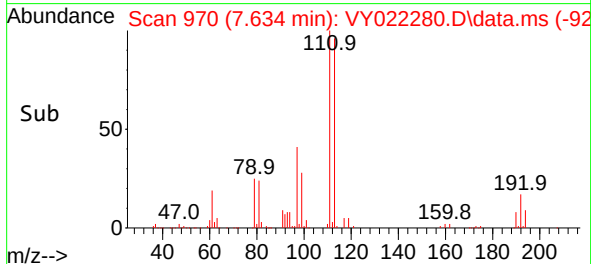
Instrument :
MSVOA_Y
ClientSampleId :
VY0516SBS01



Tgt Ion: 113 Resp: 10128
Ion Ratio Lower Upper
113 100
111 104.5 82.6 123.8
192 18.1 15.2 22.8

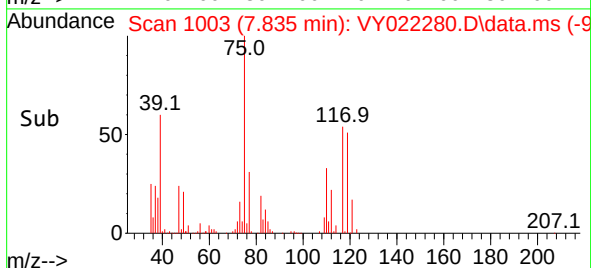
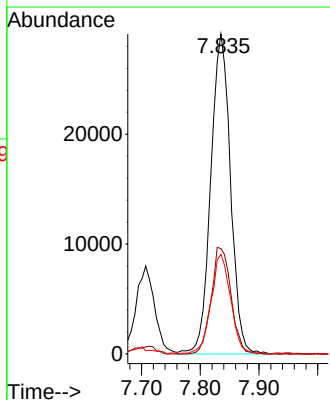
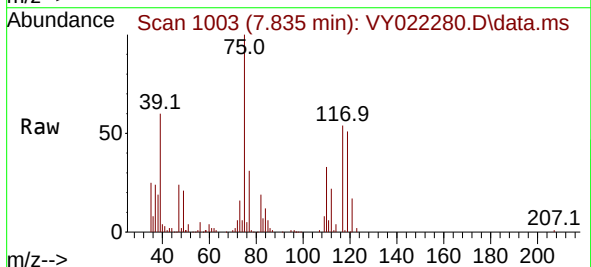
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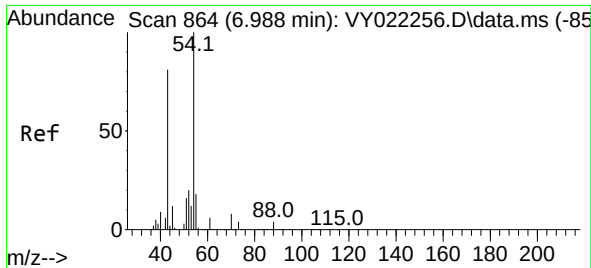
Reviewed By :Mahesh Dadoda 05/19/2025
Supervised By :Semsettin Yesilyurt 05/19/2025



#36
1,1-Dichloropropene
Concen: 20.349 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. -0.000 min
Lab File: VY022280.D
Acq: 16 May 2025 10:32

Tgt Ion: 75 Resp: 67913
Ion Ratio Lower Upper
75 100
110 33.5 16.6 49.8
77 31.0 24.6 37.0





#37

Ethyl Acetate

Concen: 19.608 ug/l

RT: 6.988 min Scan# 80

Delta R.T. -0.000 min

Lab File: VY022280.D

Acq: 16 May 2025 10:32

Instrument :

MSVOA_Y

ClientSampleId :

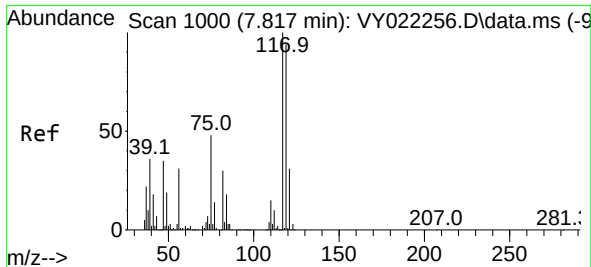
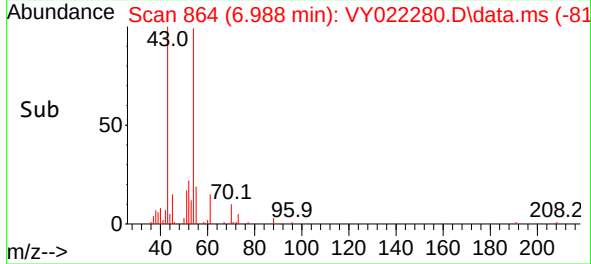
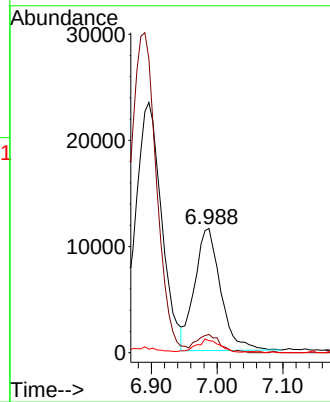
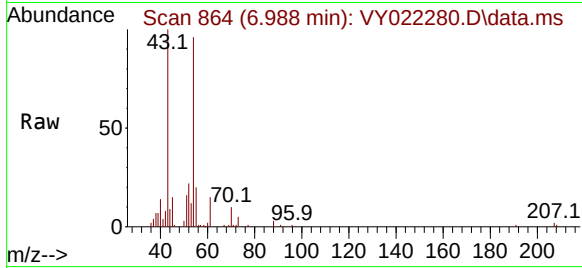
VY0516SBS01

Tgt Ion: 43	Resp: 3148
Ion Ratio	Lower Upper
43 100	
61 13.6	10.2 15.2
70 10.0	7.6 11.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/19/2025
Supervised By :Semsettin Yesilyurt 05/19/2025



#38

Carbon Tetrachloride

Concen: 20.432 ug/l

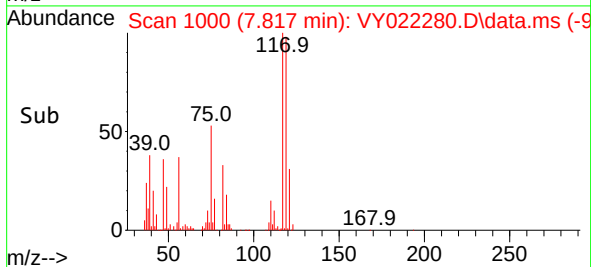
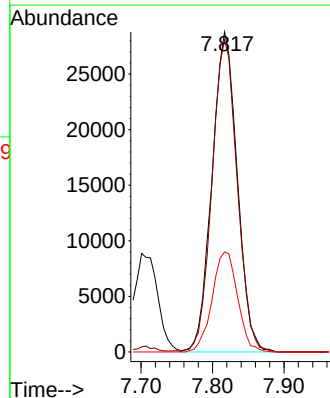
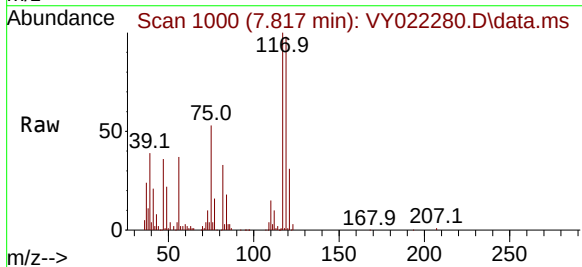
RT: 7.817 min Scan# 1000

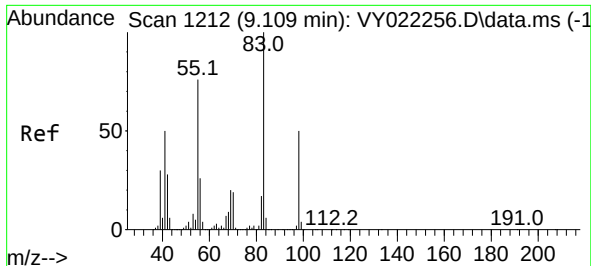
Delta R.T. -0.000 min

Lab File: VY022280.D

Acq: 16 May 2025 10:32

Tgt Ion:117	Resp: 70584
Ion Ratio	Lower Upper
117 100	
119 97.6	75.3 112.9
121 31.3	24.7 37.1





#39

Methylcyclohexane

Concen: 20.277 ug/l

RT: 9.109 min Scan# 1212

Delta R.T. -0.000 min

Lab File: VY022280.D

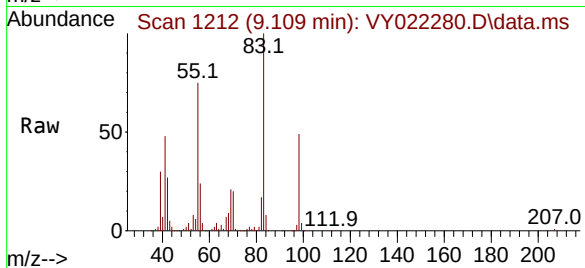
Acq: 16 May 2025 10:32

Instrument :

MSVOA_Y

ClientSampleId :

VY0516SBS01

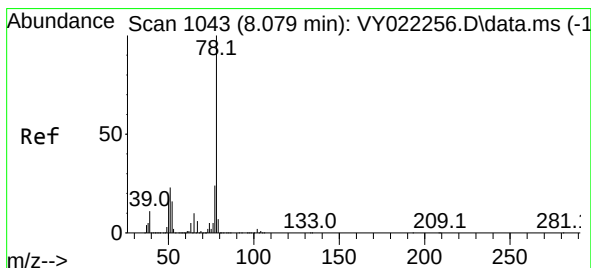
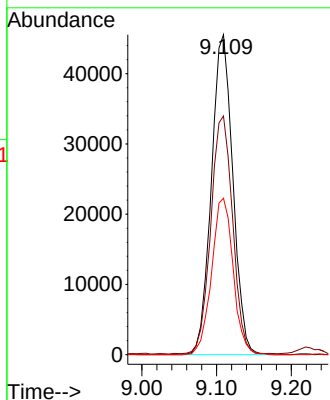
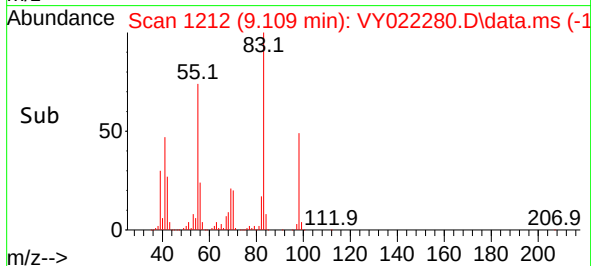


Tgt Ion:	83	Resp:	90919
Ion Ratio	Lower	Upper	
83	100		
55	74.3	60.6	90.8
98	48.9	40.0	60.0

Manual Integrations

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Reviewed By :Mahesh Dadoda 05/19/2025
Supervised By :Semsettin Yesilyurt 05/19/2025



#40

Benzene

Concen: 20.627 ug/l

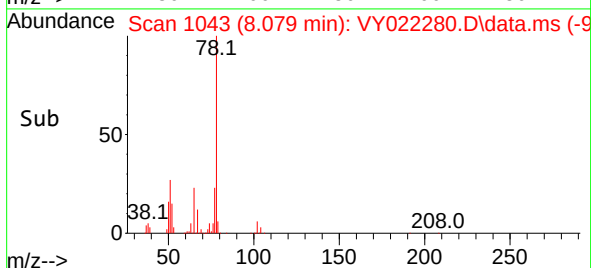
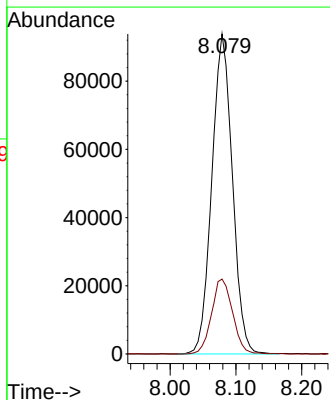
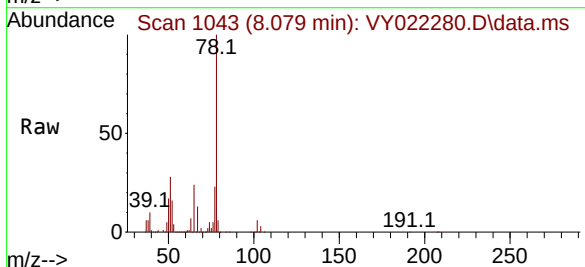
RT: 8.079 min Scan# 1043

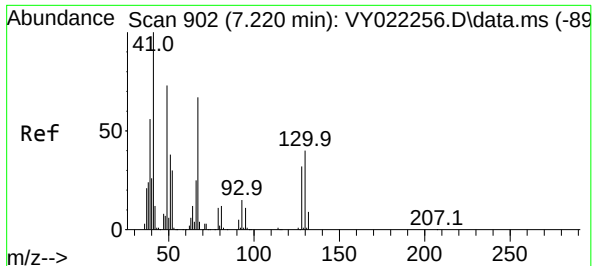
Delta R.T. -0.000 min

Lab File: VY022280.D

Acq: 16 May 2025 10:32

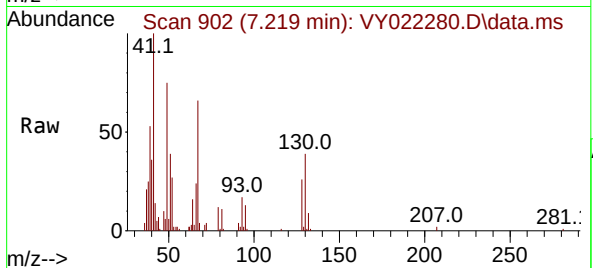
Tgt Ion:	78	Resp:	204079
Ion Ratio	Lower	Upper	
78	100		
77	23.4	18.9	28.3





#41
Methacrylonitrile
Concen: 17.274 ug/l
RT: 7.219 min Scan# 902
Delta R.T. -0.000 min
Lab File: VY022280.D
Acq: 16 May 2025 10:32

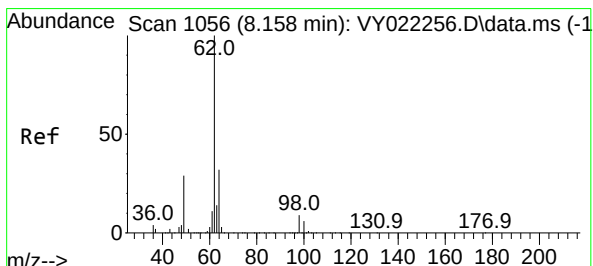
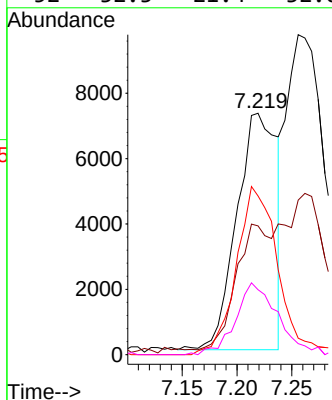
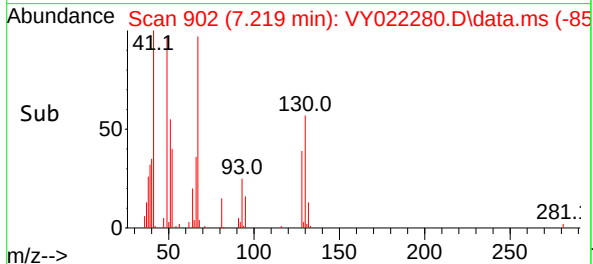
Instrument :
MSVOA_Y
ClientSampleId :
VY0516SBSD01



Tgt Ion: 41 Resp: 18400
Ion Ratio Lower Upper
41 100
39 47.3 39.1 58.7
67 74.6 47.1 70.7
52 32.3 21.4 32.0

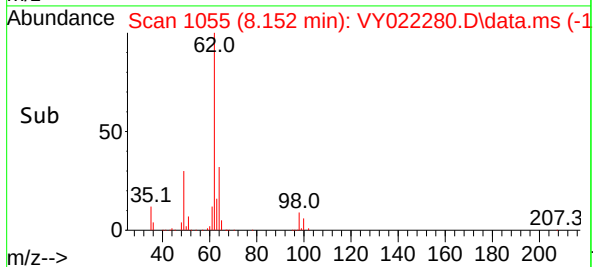
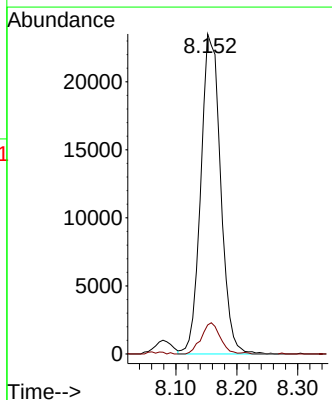
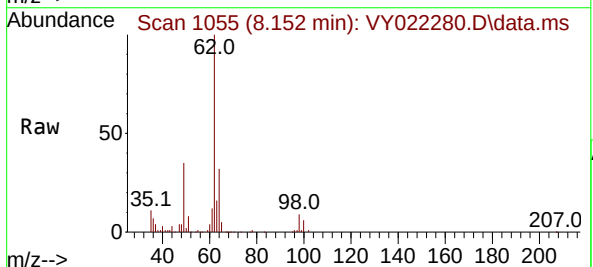
Manual Integrations
APPROVED

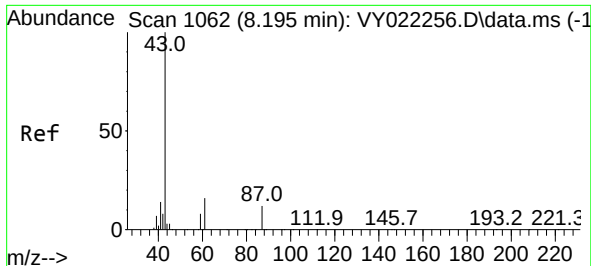
Reviewed By :Mahesh Dadoda 05/19/2025
Supervised By :Semsettin Yesilyurt 05/19/2025



#42
1,2-Dichloroethane
Concen: 19.859 ug/l
RT: 8.152 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VY022280.D
Acq: 16 May 2025 10:32

Tgt Ion: 62 Resp: 53133
Ion Ratio Lower Upper
62 100
98 9.4 0.0 18.4





#43

Isopropyl Acetate

Concen: 19.118 ug/l

RT: 8.195 min Scan# 1062

Delta R.T. -0.000 min

Lab File: VY022280.D

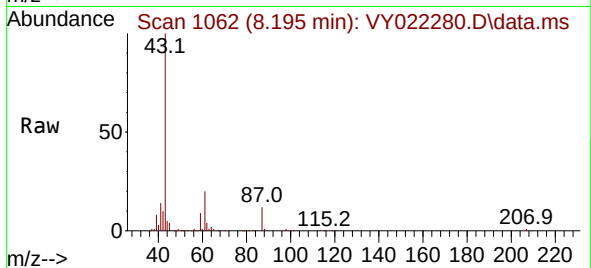
Acq: 16 May 2025 10:32

Instrument :

MSVOA_Y

ClientSampleId :

VY0516SBS01

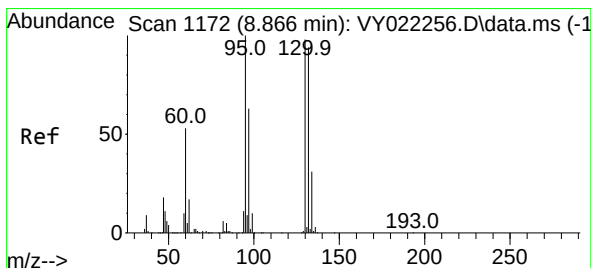
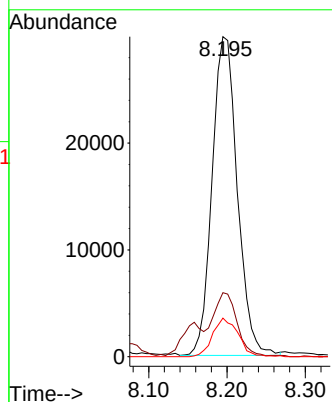
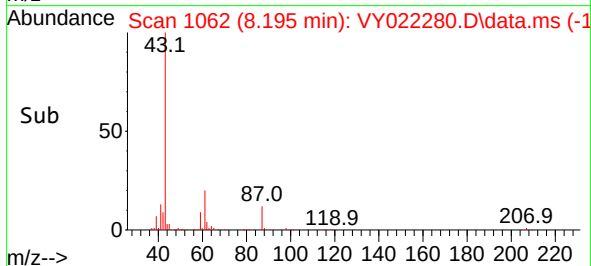


Tgt Ion: 43	Resp: 66950
Ion Ratio	Lower Upper
43	100
61	18.5 15.1 22.7
87	12.2 9.7 14.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/19/2025
Supervised By :Semsettin Yesilyurt 05/19/2025



#44

Trichloroethene

Concen: 20.775 ug/l

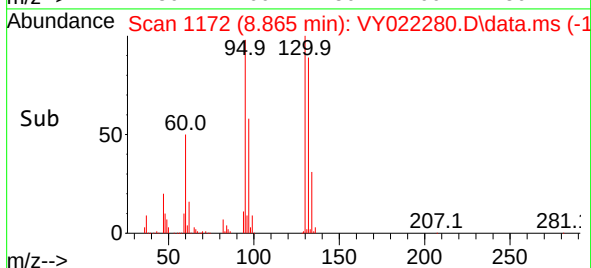
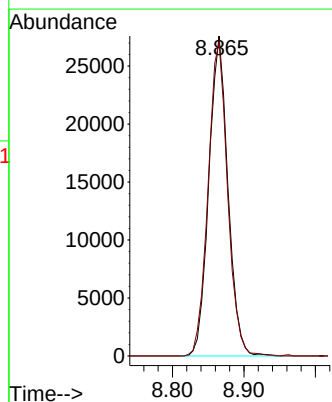
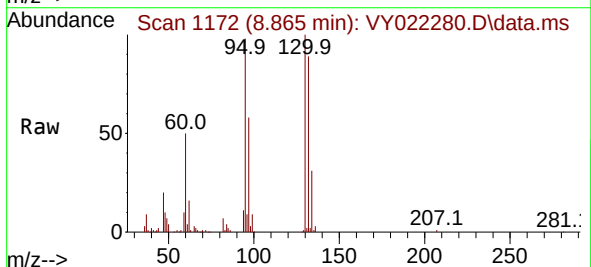
RT: 8.865 min Scan# 1172

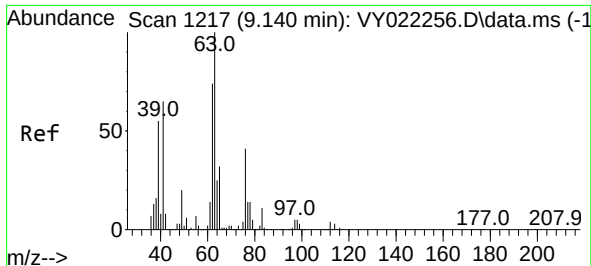
Delta R.T. -0.000 min

Lab File: VY022280.D

Acq: 16 May 2025 10:32

Tgt Ion:130	Resp: 51106
Ion Ratio	Lower Upper
130	100
95	98.0 0.0 204.8





#45

1,2-Dichloropropane

Concen: 20.310 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. -0.000 min

Lab File: VY022280.D

Acq: 16 May 2025 10:32

Instrument :

MSVOA_Y

ClientSampleId :

VY0516SBSD01

Tgt Ion: 63 Resp: 48440

Ion Ratio Lower Upper

63 100

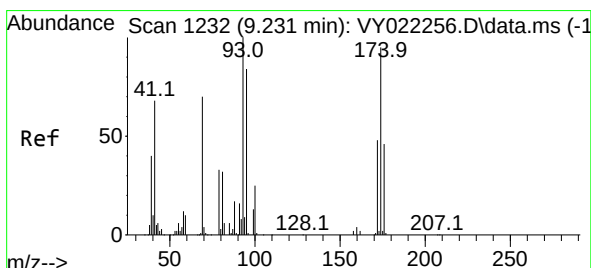
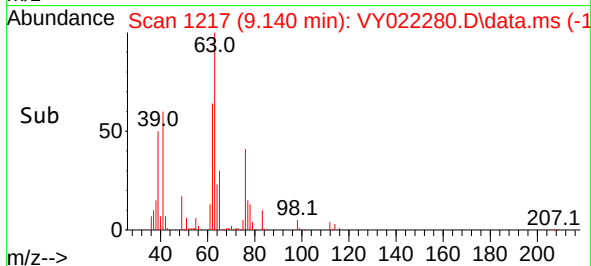
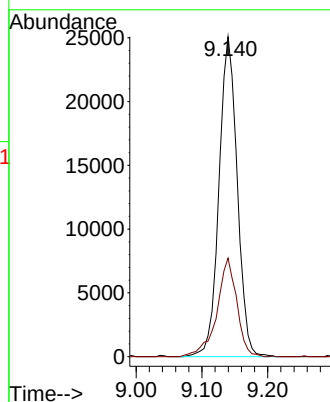
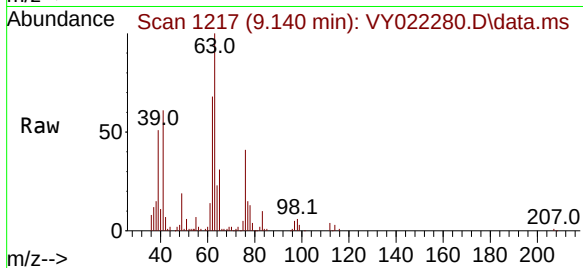
65 30.8 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/19/2025

Supervised By :Semsettin Yesilyurt 05/19/2025



#46

Dibromomethane

Concen: 20.207 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.000 min

Lab File: VY022280.D

Acq: 16 May 2025 10:32

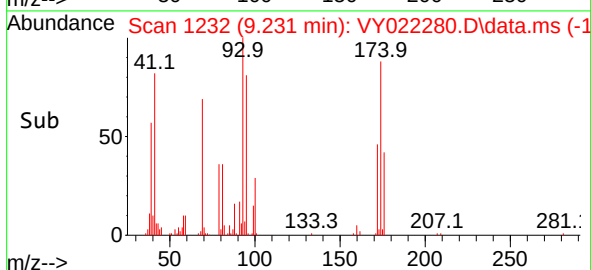
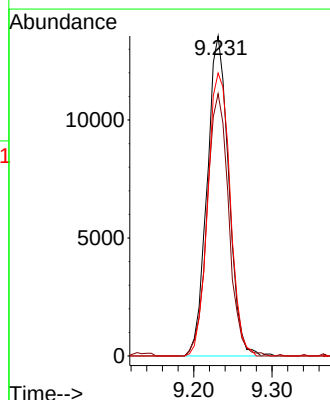
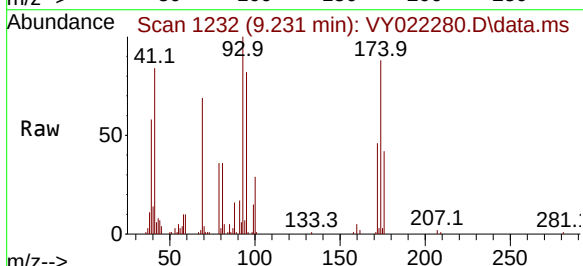
Tgt Ion: 93 Resp: 25997

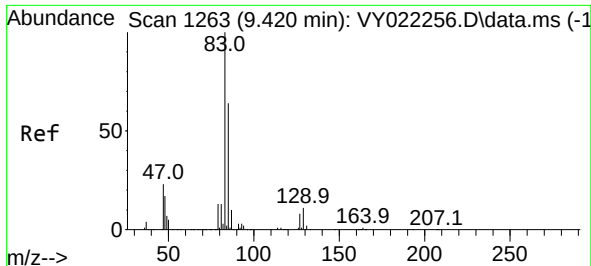
Ion Ratio Lower Upper

93 100

95 82.0 65.2 97.8

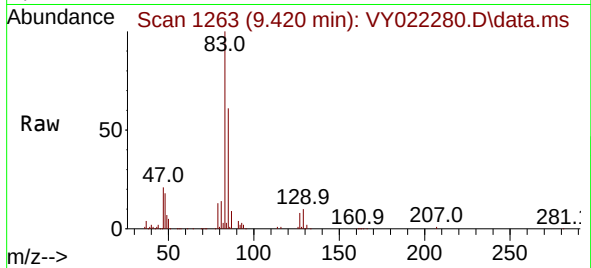
174 91.3 74.3 111.5





#47
Bromodichloromethane
Concen: 20.253 ug/l
RT: 9.420 min Scan# 1263
Delta R.T. -0.000 min
Lab File: VY022280.D
Acq: 16 May 2025 10:32

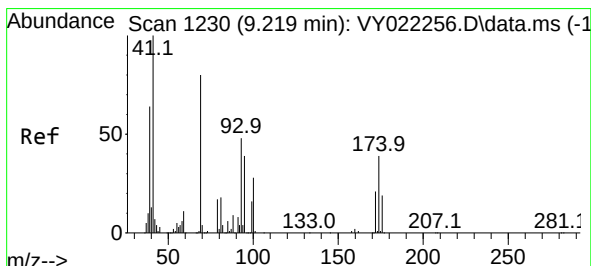
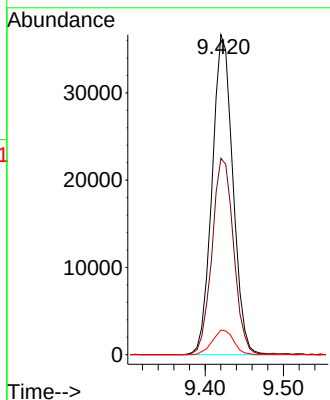
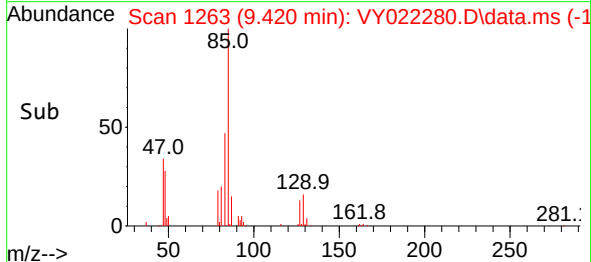
Instrument :
MSVOA_Y
ClientSampleId :
VY0516SBSD01



Tgt Ion: 83 Resp: 6759
Ion Ratio Lower Upper
83 100
85 61.4 51.1 76.7
127 7.7 6.6 10.0

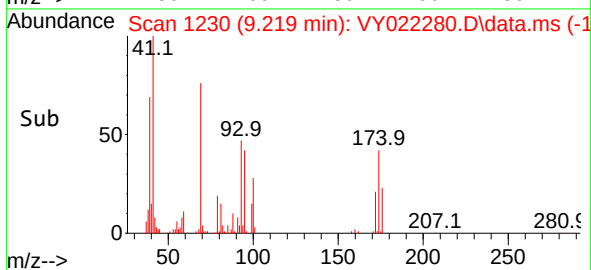
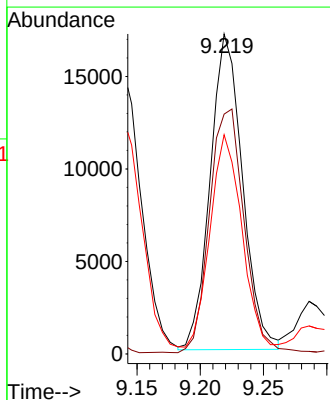
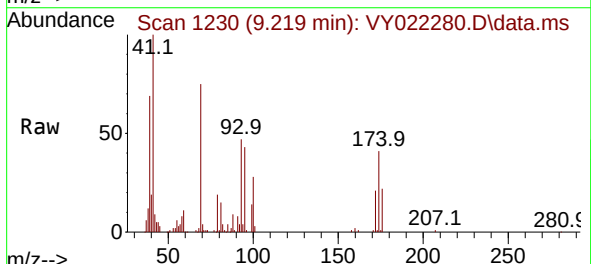
Manual Integrations
APPROVED

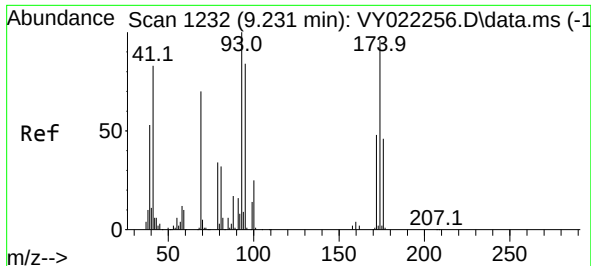
Reviewed By :Mahesh Dadoda 05/19/2025
Supervised By :Semsettin Yesilyurt 05/19/2025



#48
Methyl methacrylate
Concen: 18.491 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. -0.000 min
Lab File: VY022280.D
Acq: 16 May 2025 10:32

Tgt Ion: 41 Resp: 30284
Ion Ratio Lower Upper
41 100
69 83.6 63.5 95.3
39 66.1 50.8 76.2





#49

1,4-Dioxane

Concen: 419.019 ug/l

RT: 9.237 min Scan# 1232

Delta R.T. 0.006 min

Lab File: VY022280.D

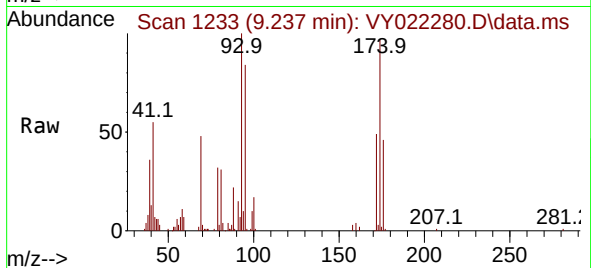
Acq: 16 May 2025 10:32

Instrument :

MSVOA_Y

ClientSampleId :

VY0516SBS01



Tgt Ion: 88 Resp: 6090

Ion Ratio Lower Upper

88 100

43 35.5 28.5 42.7

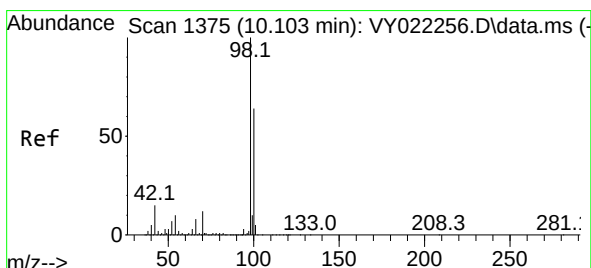
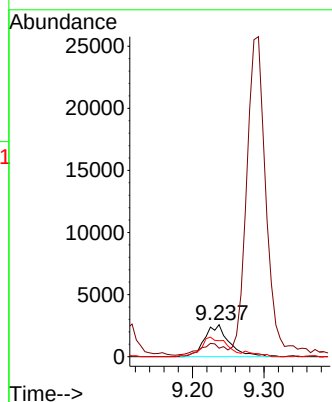
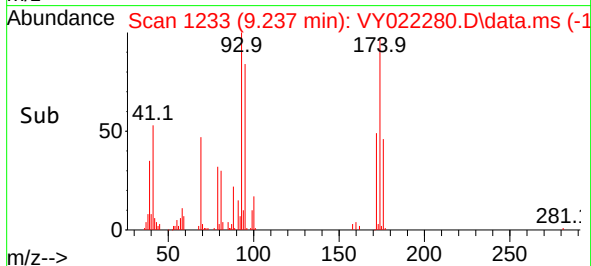
58 64.1 61.4 92.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/19/2025

Supervised By :Semsettin Yesilyurt 05/19/2025



#50

Toluene-d8

Concen: 50.612 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.000 min

Lab File: VY022280.D

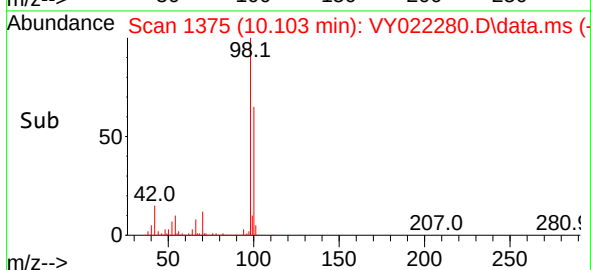
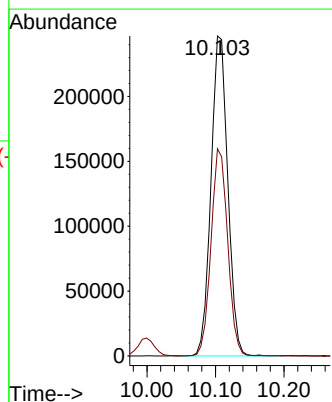
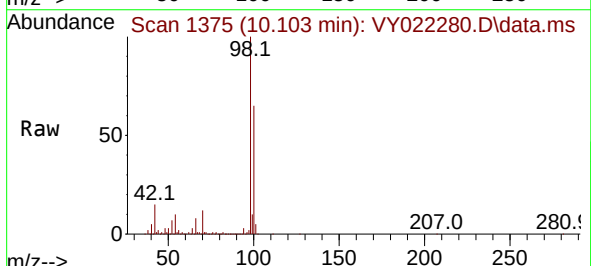
Acq: 16 May 2025 10:32

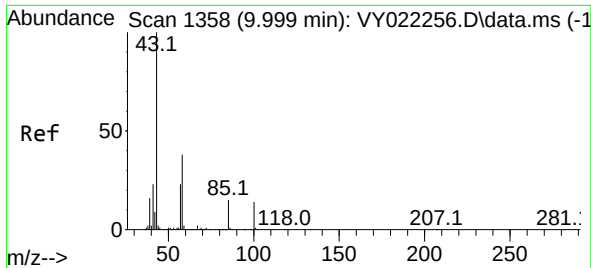
Tgt Ion: 98 Resp: 419998

Ion Ratio Lower Upper

98 100

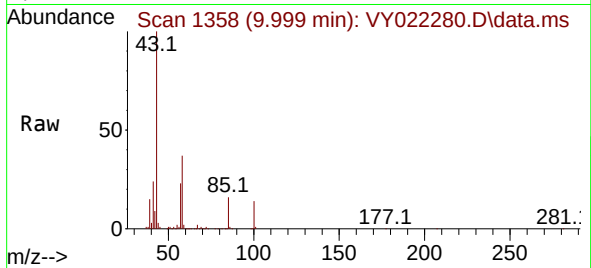
100 64.2 51.8 77.8





#51
4-Methyl-2-Pentanone
Concen: 94.864 ug/l
RT: 9.999 min Scan# 1358
Delta R.T. -0.000 min
Lab File: VY022280.D
Acq: 16 May 2025 10:32

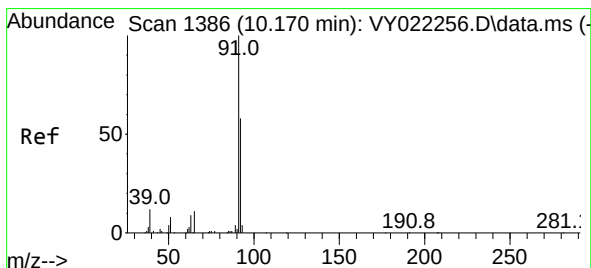
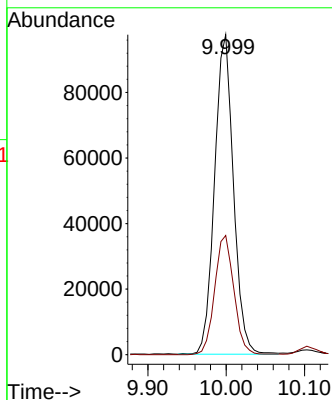
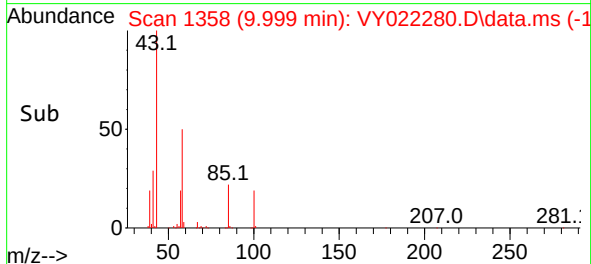
Instrument :
MSVOA_Y
ClientSampleId :
VY0516SBSD01



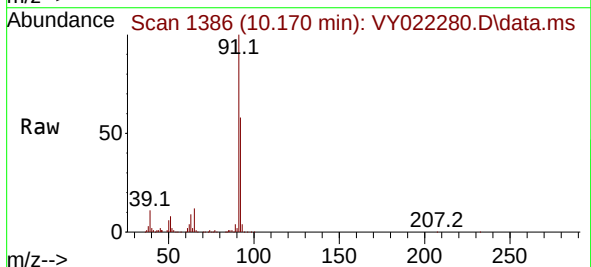
Tgt Ion: 43 Resp: 163009
Ion Ratio Lower Upper
43 100
58 38.0 29.4 44.2

Manual Integrations
APPROVED

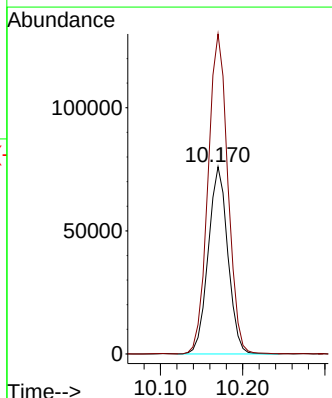
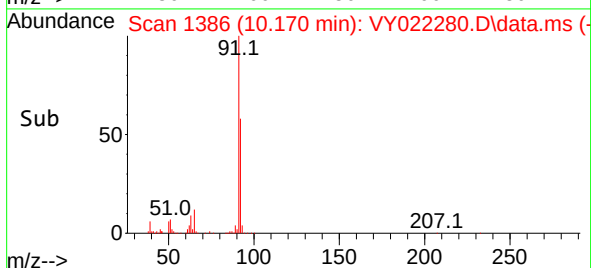
Reviewed By :Mahesh Dadoda 05/19/2025
Supervised By :Semsettin Yesilyurt 05/19/2025

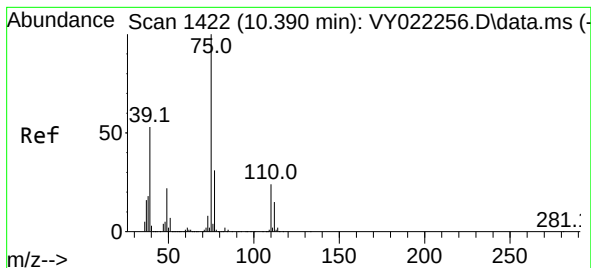


#52
Toluene
Concen: 20.083 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.000 min
Lab File: VY022280.D
Acq: 16 May 2025 10:32



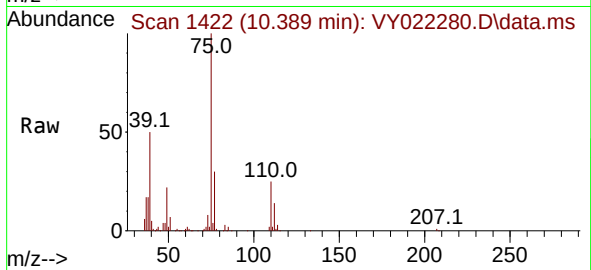
Tgt Ion: 92 Resp: 125822
Ion Ratio Lower Upper
92 100
91 172.9 139.1 208.7





#53
t-1,3-Dichloropropene
Concen: 19.510 ug/l
RT: 10.389 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VY022280.D
Acq: 16 May 2025 10:32

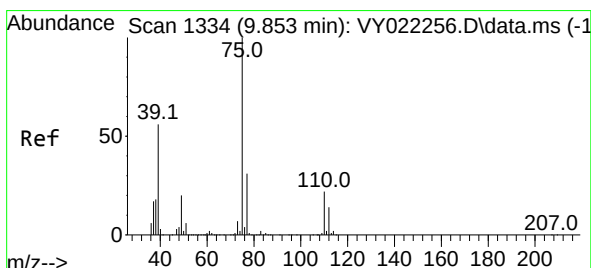
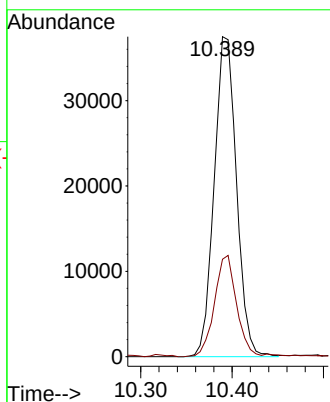
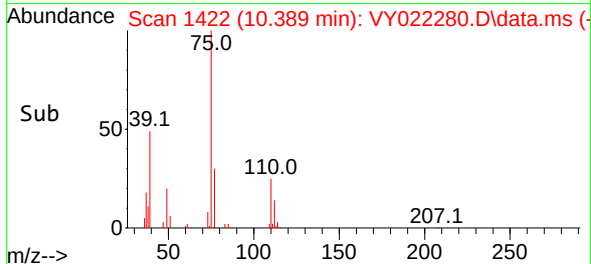
Instrument :
MSVOA_Y
ClientSampleId :
VY0516SBS01



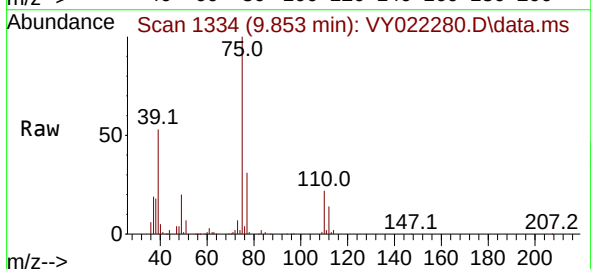
Tgt Ion: 75 Resp: 63540
Ion Ratio Lower Upper
75 100
77 30.5 25.0 37.6

Manual Integrations
APPROVED

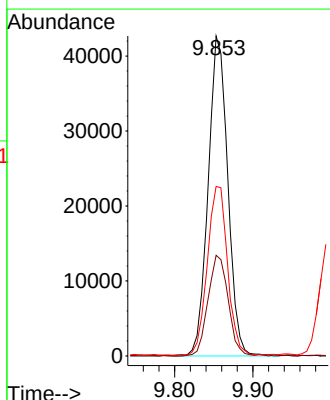
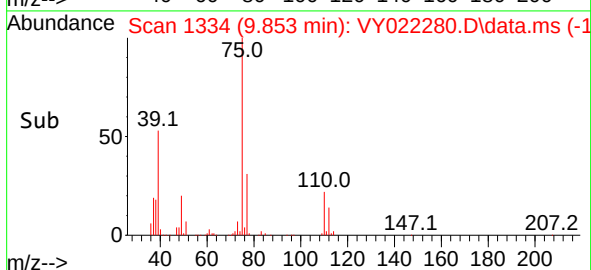
Reviewed By :Mahesh Dadoda 05/19/2025
Supervised By :Semsettin Yesilyurt 05/19/2025

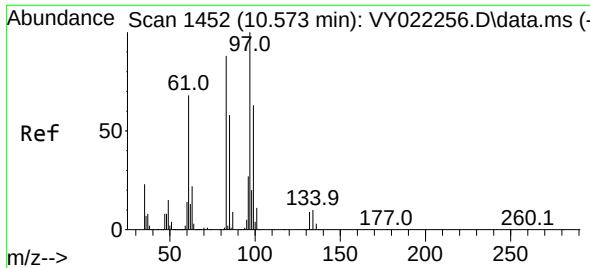


#54
cis-1,3-Dichloropropene
Concen: 19.896 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. -0.000 min
Lab File: VY022280.D
Acq: 16 May 2025 10:32



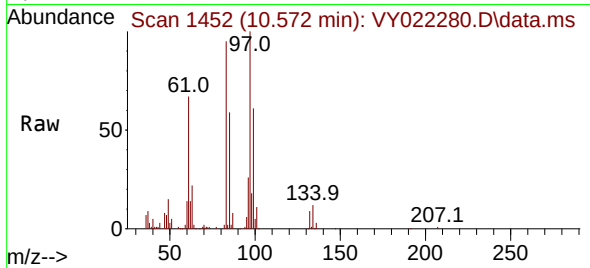
Tgt Ion: 75 Resp: 74247
Ion Ratio Lower Upper
75 100
77 31.4 25.1 37.7
39 52.6 44.5 66.7





#55
1,1,2-Trichloroethane
Concen: 20.000 ug/l
RT: 10.572 min Scan# 1452
Delta R.T. -0.000 min
Lab File: VY022280.D
Acq: 16 May 2025 10:32

Instrument :
MSVOA_Y
ClientSampleId :
VY0516SBS01

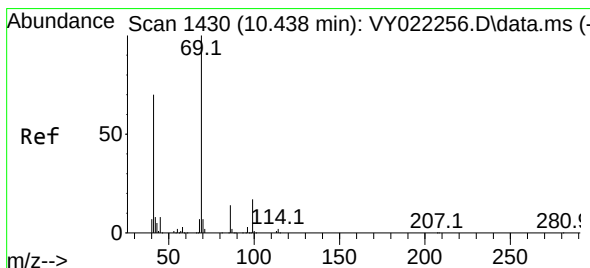
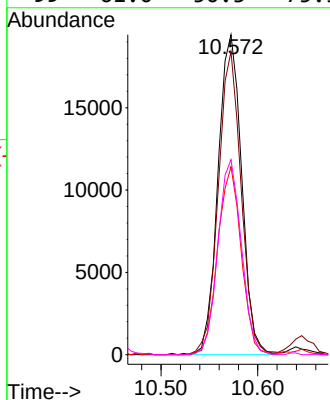
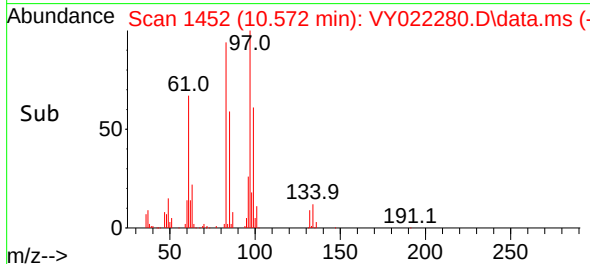


Tgt Ion: 97 Resp: 32948

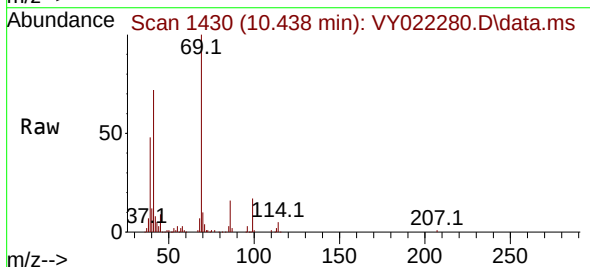
Ion	Ratio	Lower	Upper
97	100		
83	94.8	70.3	105.5
85	58.7	46.2	69.4
99	61.0	50.3	75.5

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 05/19/2025
Supervised By :Semsettin Yesilyurt 05/19/2025

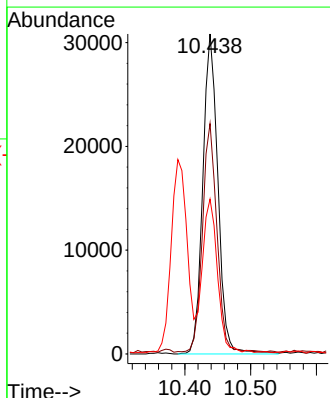
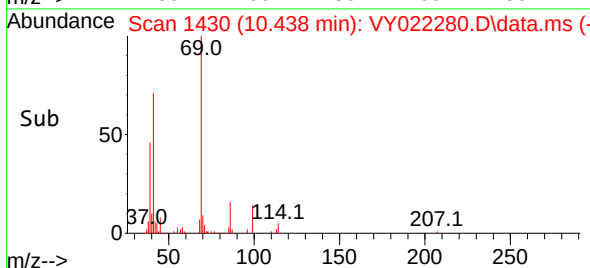


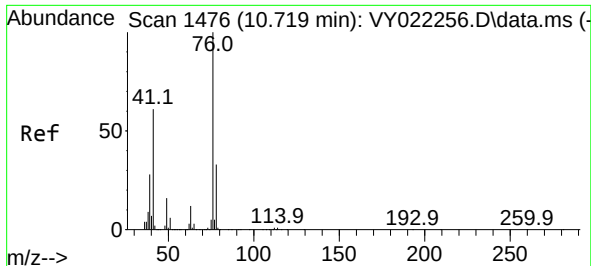
#56
Ethyl methacrylate
Concen: 19.209 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VY022280.D
Acq: 16 May 2025 10:32



Tgt Ion: 69 Resp: 49294

Ion	Ratio	Lower	Upper
69	100		
41	67.9	56.5	84.7
39	47.5	37.1	55.7





#57

1,3-Dichloropropane

Concen: 20.249 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VY022280.D

Acq: 16 May 2025 10:32

Instrument :

MSVOA_Y

ClientSampleId :

VY0516SBSD01

Tgt Ion: 76 Resp: 59270

Ion Ratio Lower Upper

76 100

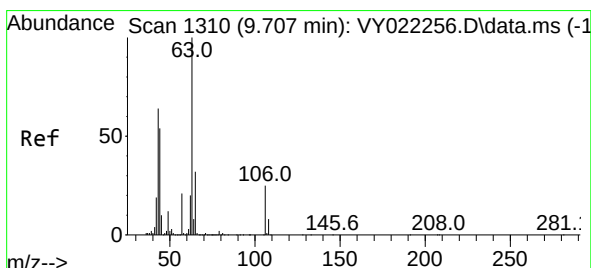
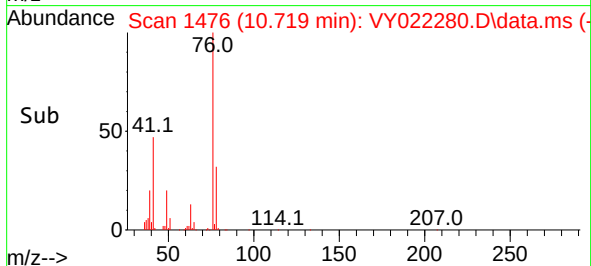
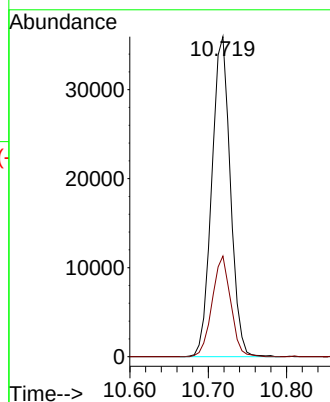
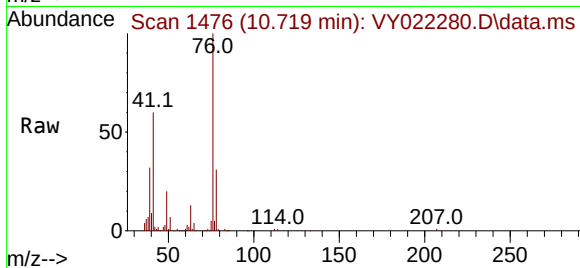
78 31.4 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/19/2025

Supervised By :Semsettin Yesilyurt 05/19/2025



#58

2-Chloroethyl Vinyl ether

Concen: 85.956 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.006 min

Lab File: VY022280.D

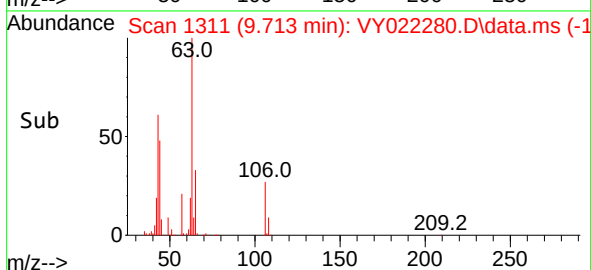
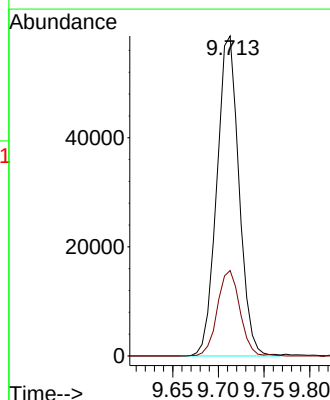
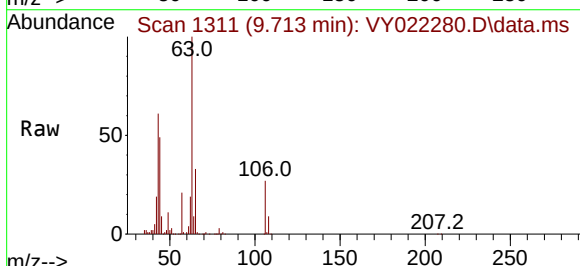
Acq: 16 May 2025 10:32

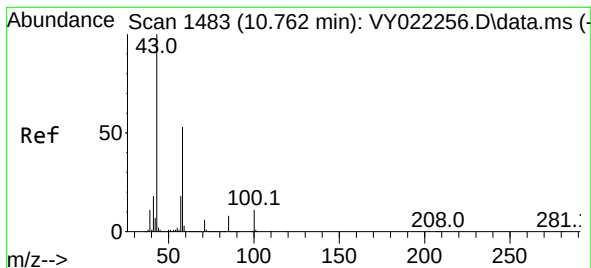
Tgt Ion: 63 Resp: 99008

Ion Ratio Lower Upper

63 100

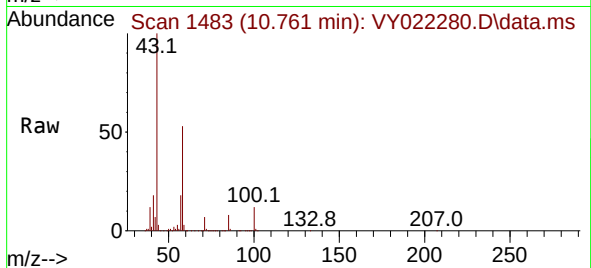
106 27.2 21.0 31.4





#59
2-Hexanone
Concen: 92.824 ug/l
RT: 10.761 min Scan# 1483
Delta R.T. -0.000 min
Lab File: VY022280.D
Acq: 16 May 2025 10:32

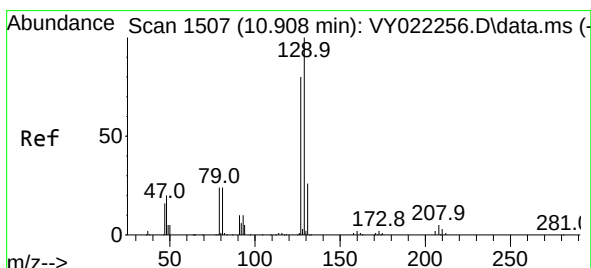
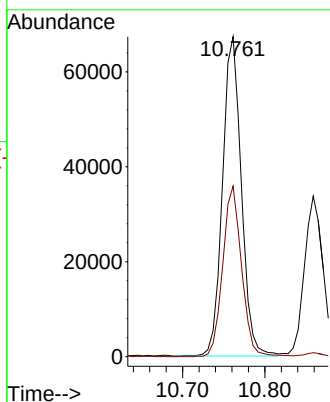
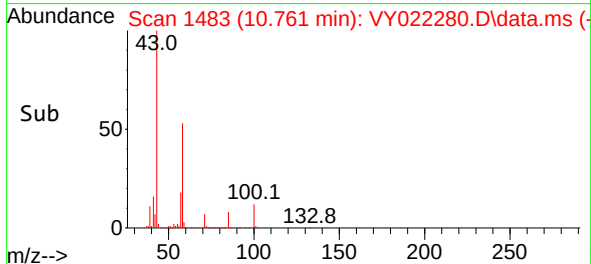
Instrument :
MSVOA_Y
ClientSampleId :
VY0516SBSD01



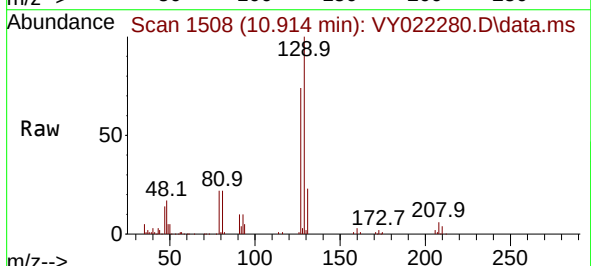
Tgt Ion: 43 Resp: 106944
Ion Ratio Lower Upper
43 100
58 53.4 26.1 78.3

Manual Integrations
APPROVED

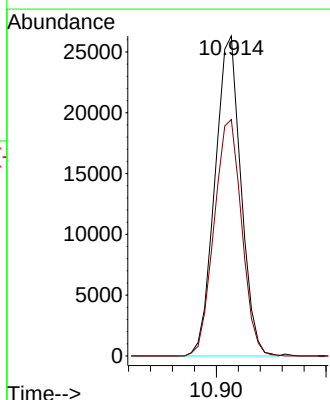
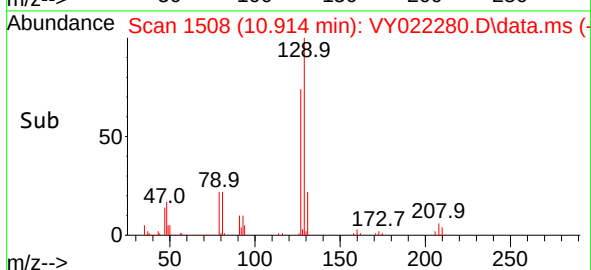
Reviewed By :Mahesh Dadoda 05/19/2025
Supervised By :Semsettin Yesilyurt 05/19/2025

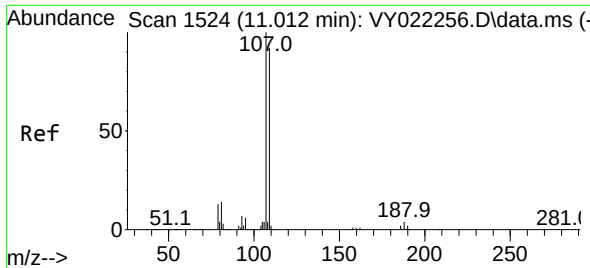


#60
Dibromochloromethane
Concen: 20.254 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VY022280.D
Acq: 16 May 2025 10:32



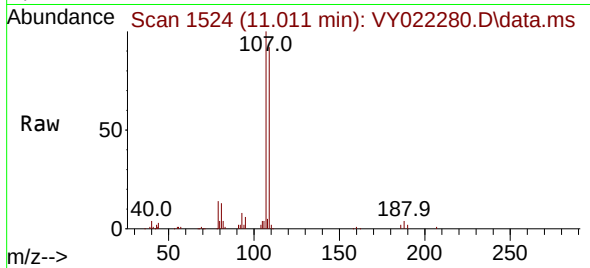
Tgt Ion:129 Resp: 43309
Ion Ratio Lower Upper
129 100
127 78.3 38.6 115.7





#61
1,2-Dibromoethane
Concen: 19.847 ug/l
RT: 11.011 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VY022280.D
Acq: 16 May 2025 10:32

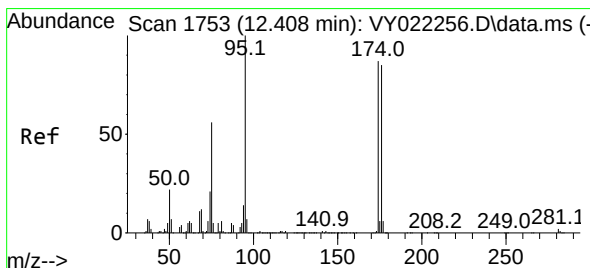
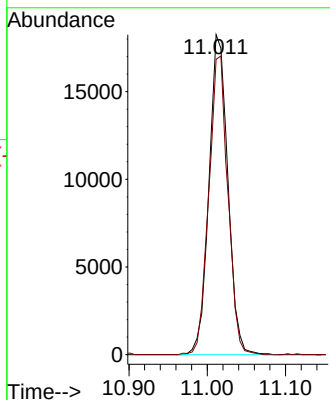
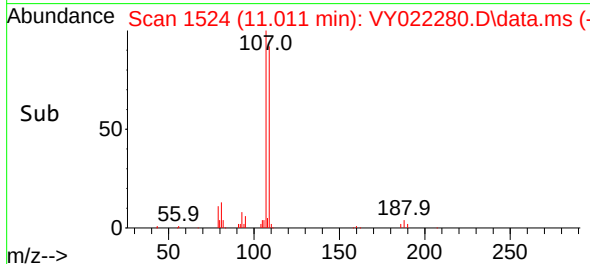
Instrument :
MSVOA_Y
ClientSampleId :
VY0516SBSD01



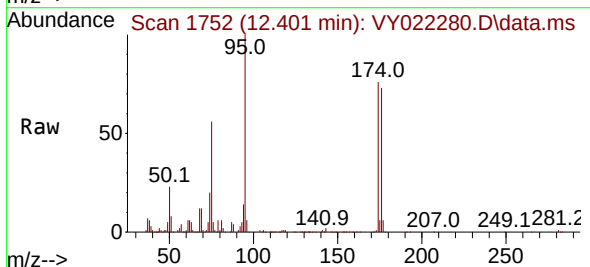
Tgt Ion:107 Resp: 30475
Ion Ratio Lower Upper
107 100
109 94.4 74.6 111.8

Manual Integrations
APPROVED

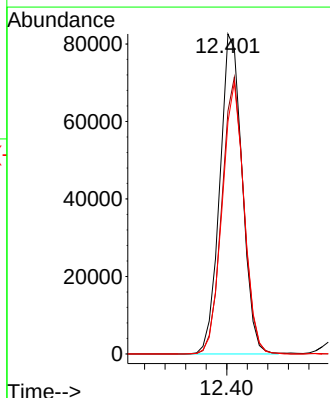
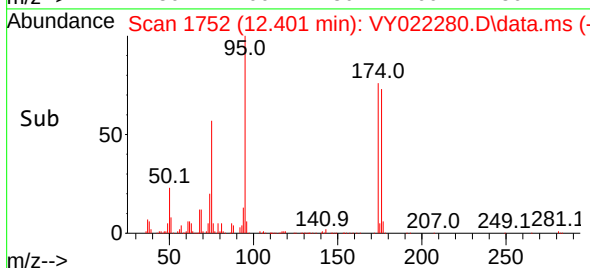
Reviewed By :Mahesh Dadoda 05/19/2025
Supervised By :Semsettin Yesilyurt 05/19/2025

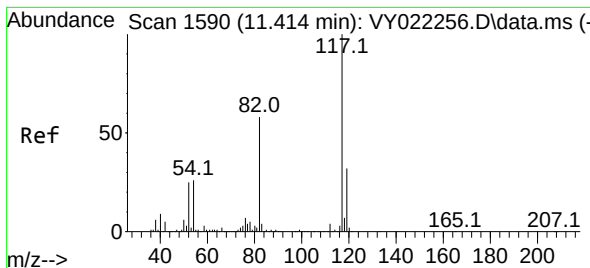


#62
4-Bromofluorobenzene
Concen: 47.336 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY022280.D
Acq: 16 May 2025 10:32



Tgt Ion: 95 Resp: 124508
Ion Ratio Lower Upper
95 100
174 84.8 0.0 166.8
176 83.2 0.0 160.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY022280.D

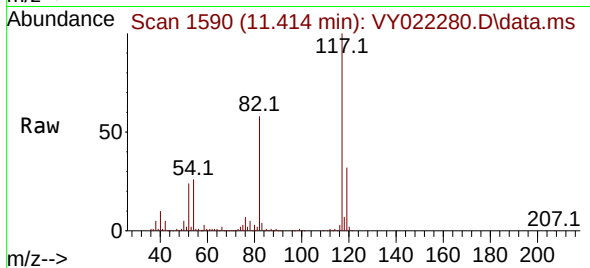
Acq: 16 May 2025 10:32

Instrument :

MSVOA_Y

ClientSampleId :

VY0516SBS01



Tgt Ion:117 Resp: 28816

Ion Ratio Lower Upper

117 100

82 58.4 46.6 70.0

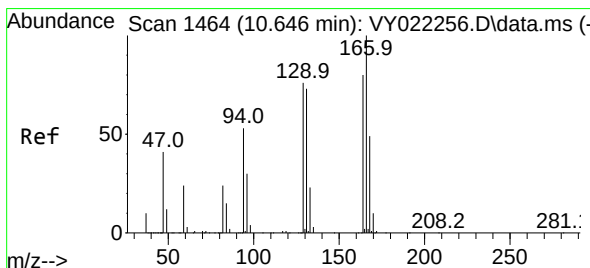
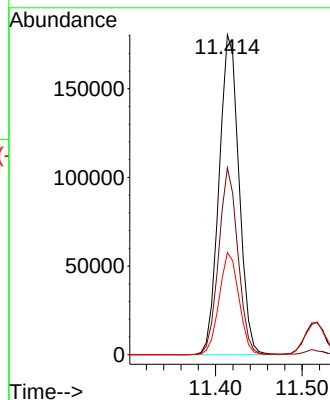
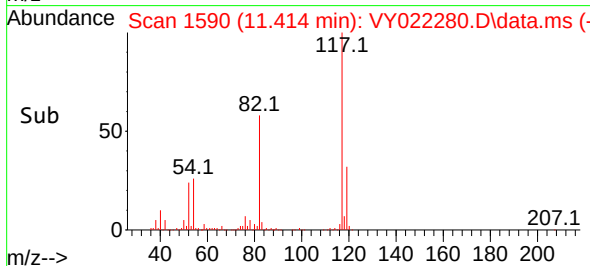
119 31.9 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/19/2025

Supervised By :Semsettin Yesilyurt 05/19/2025



#64

Tetrachloroethene

Concen: 20.400 ug/l

RT: 10.645 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VY022280.D

Acq: 16 May 2025 10:32

Tgt Ion:164 Resp: 54336

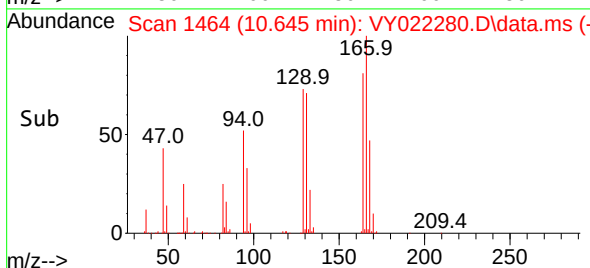
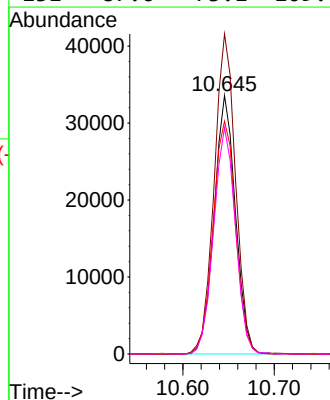
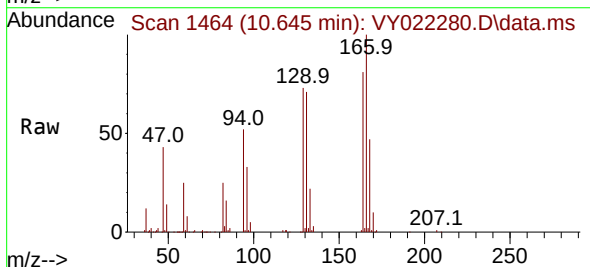
Ion Ratio Lower Upper

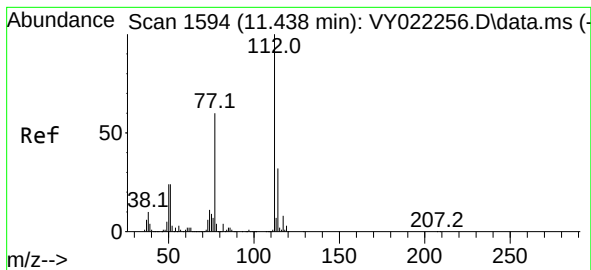
164 100

166 123.8 100.4 150.6

129 90.1 76.4 114.6

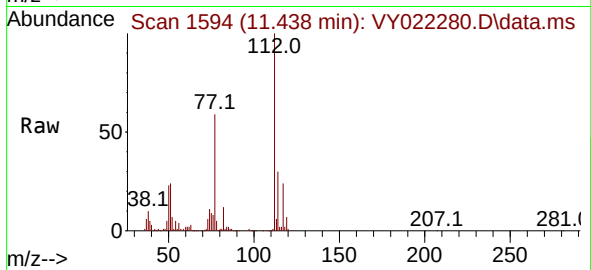
131 87.6 73.1 109.7





#65
Chlorobenzene
Concen: 20.209 ug/l
RT: 11.438 min Scan# 1112
Delta R.T. -0.000 min
Lab File: VY022280.D
Acq: 16 May 2025 10:32

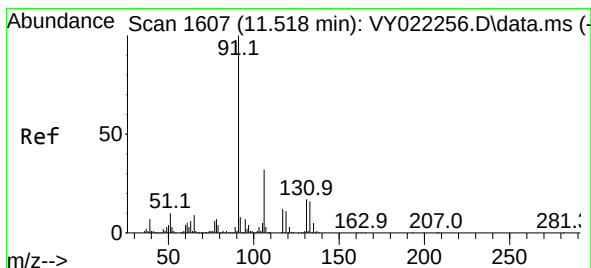
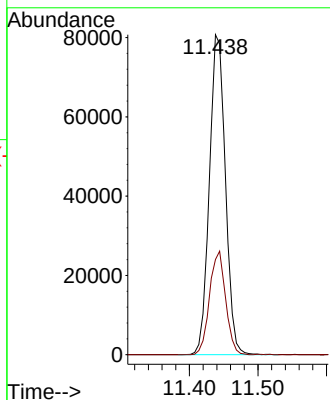
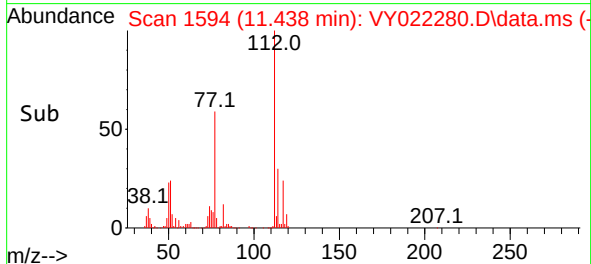
Instrument :
MSVOA_Y
ClientSampleId :
VY0516SBSD01



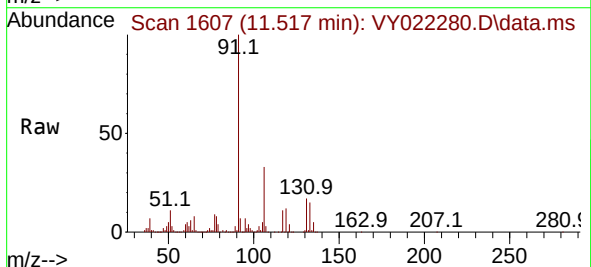
Tgt Ion:112 Resp: 131384
Ion Ratio Lower Upper
112 100
114 29.7 25.8 38.6

Manual Integrations
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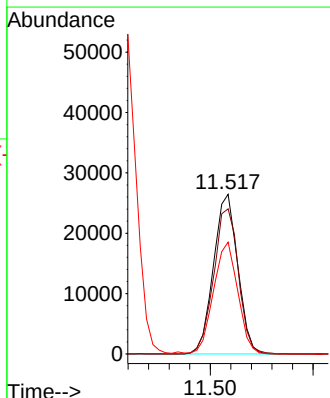
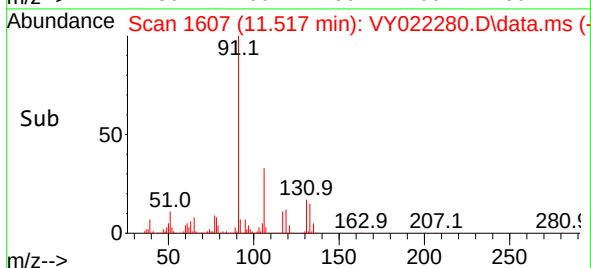
Reviewed By :Mahesh Dadoda 05/19/2025
Supervised By :Semsettin Yesilyurt 05/19/2025

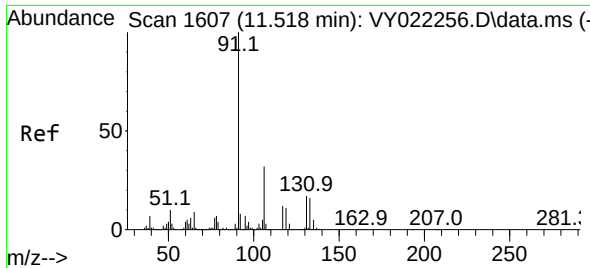


#66
1,1,1,2-Tetrachloroethane
Concen: 19.334 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. -0.000 min
Lab File: VY022280.D
Acq: 16 May 2025 10:32



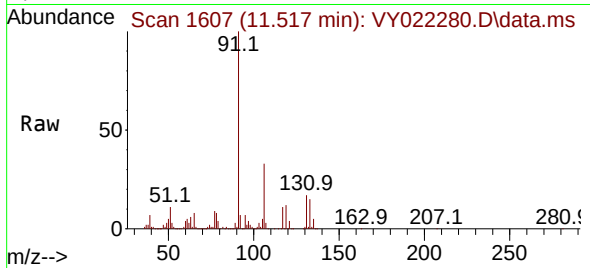
Tgt Ion:131 Resp: 43212
Ion Ratio Lower Upper
131 100
133 93.5 47.3 141.9
119 70.7 33.1 99.2





#67
Ethyl Benzene
Concen: 19.915 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. -0.000 min
Lab File: VY022280.D
Acq: 16 May 2025 10:32

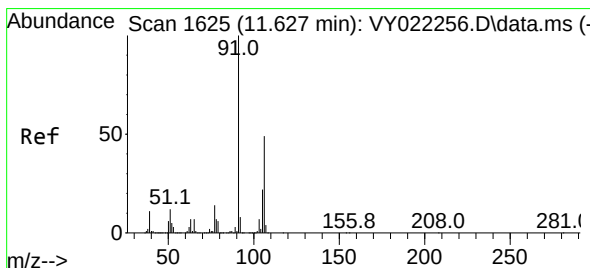
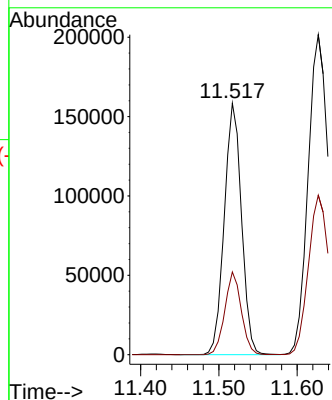
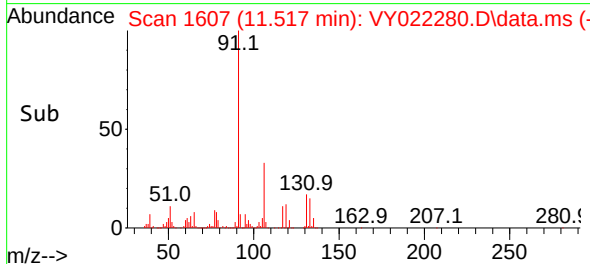
Instrument :
MSVOA_Y
ClientSampleId :
VY0516SBSD01



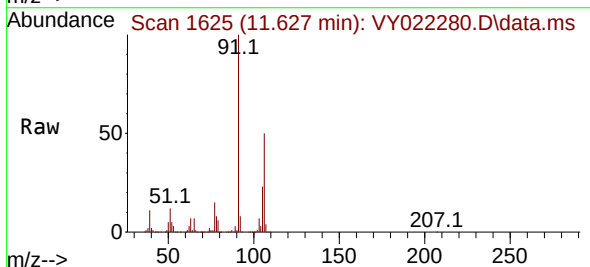
Tgt Ion: 91 Resp: 242474
Ion Ratio Lower Upper
91 100
106 32.9 25.4 38.0

Manual Integrations
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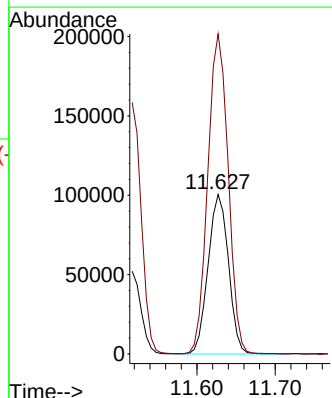
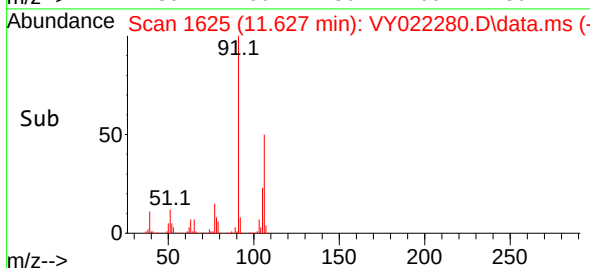
Reviewed By :Mahesh Dadoda 05/19/2025
Supervised By :Semsettin Yesilyurt 05/19/2025

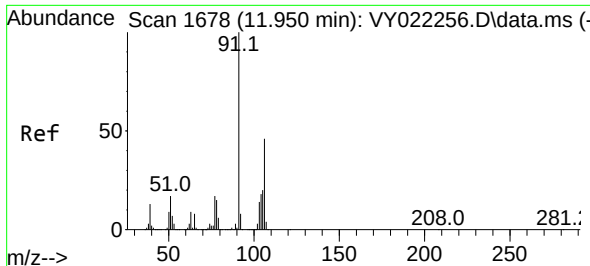


#68
m/p-Xylenes
Concen: 39.468 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. -0.000 min
Lab File: VY022280.D
Acq: 16 May 2025 10:32



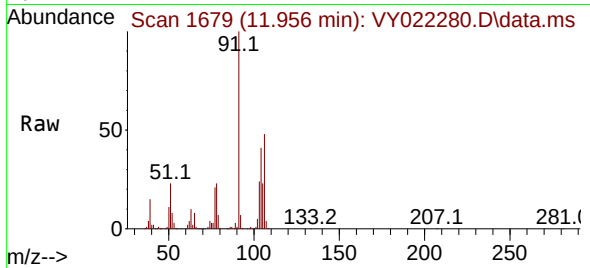
Tgt Ion:106 Resp: 181081
Ion Ratio Lower Upper
106 100
91 201.6 163.0 244.4





#69
o-Xylene
Concen: 19.666 ug/l
RT: 11.956 min Scan# 1678
Delta R.T. 0.006 min
Lab File: VY022280.D
Acq: 16 May 2025 10:32

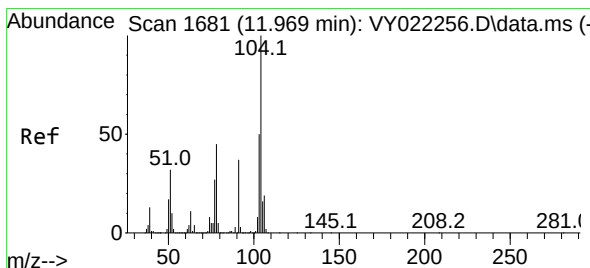
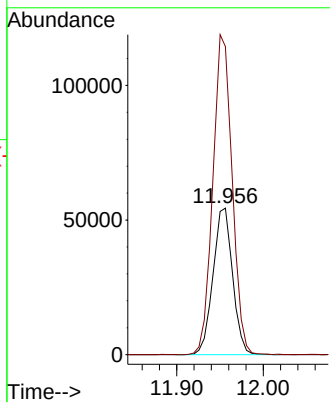
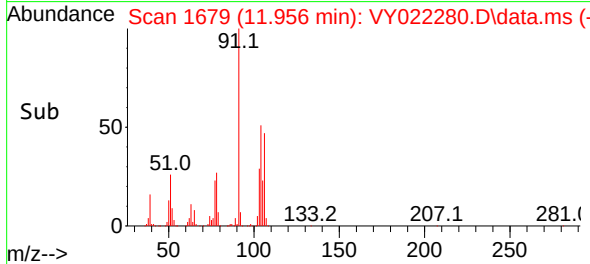
Instrument :
MSVOA_Y
ClientSampleId :
VY0516SBSD01



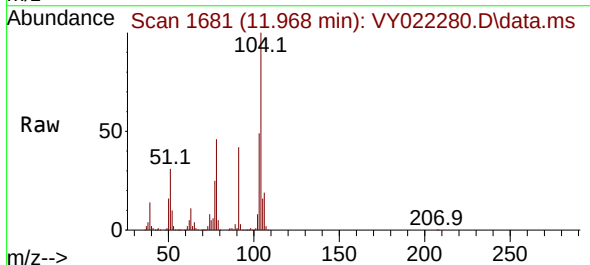
Tgt Ion:106 Resp: 85360
Ion Ratio Lower Upper
106 100
91 215.6 108.3 324.8

Manual Integrations
APPROVED

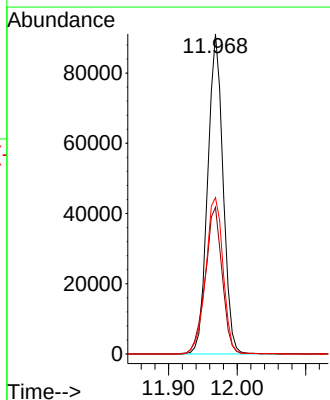
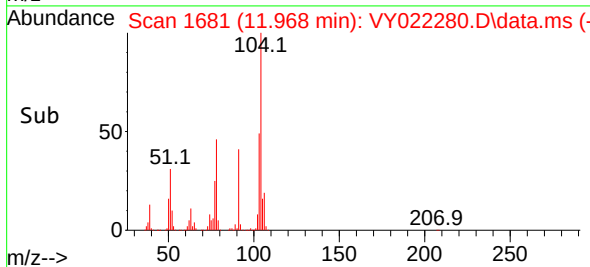
Reviewed By :Mahesh Dadoda 05/19/2025
Supervised By :Semsettin Yesilyurt 05/19/2025

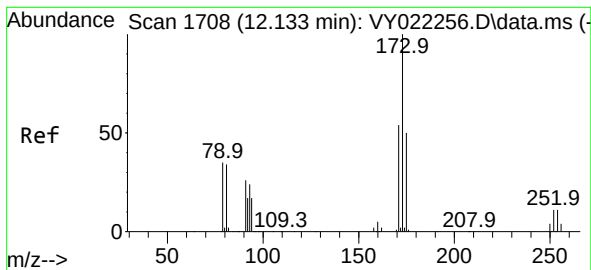


#70
Styrene
Concen: 19.413 ug/l
RT: 11.968 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VY022280.D
Acq: 16 May 2025 10:32



Tgt Ion:104 Resp: 142146
Ion Ratio Lower Upper
104 100
78 50.7 40.9 61.3
103 55.3 43.7 65.5





#71

Bromoform

Concen: 19.164 ug/l

RT: 12.127 min Scan# 1707

Delta R.T. -0.006 min

Lab File: VY022280.D

Acq: 16 May 2025 10:32

Instrument :

MSVOA_Y

ClientSampleId :

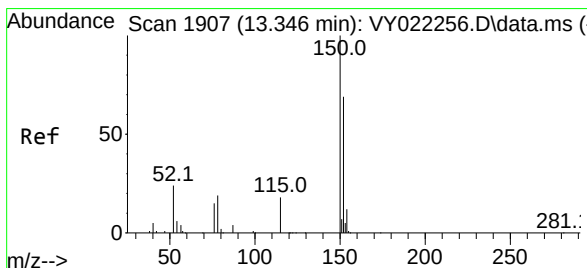
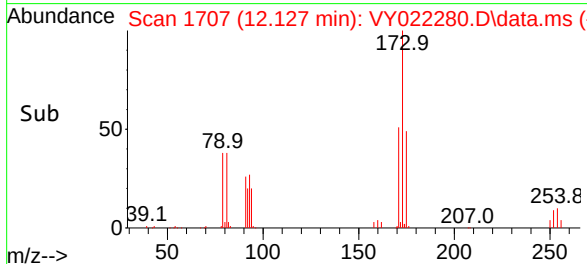
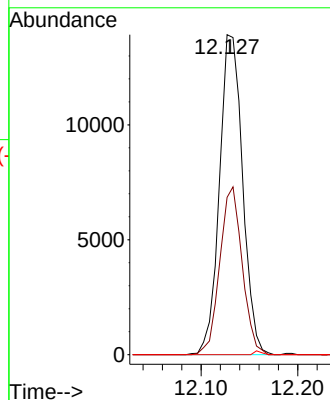
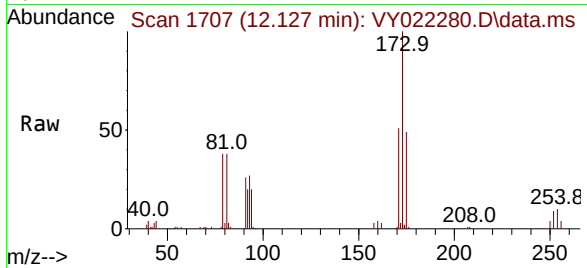
VY0516SBS01

Tgt Ion:	173	Resp:	23119
Ion Ratio	Lower	Upper	
173	100		
175	50.7	24.7	74.1
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/19/2025
Supervised By :Semsettin Yesilyurt 05/19/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

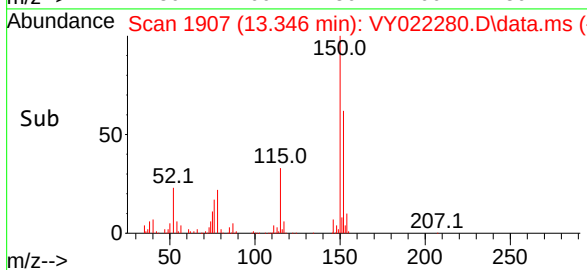
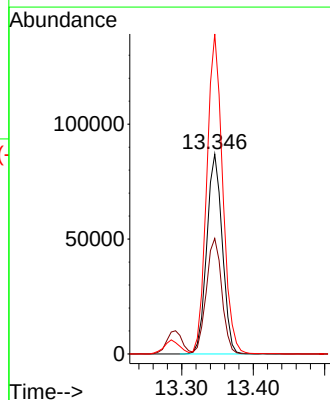
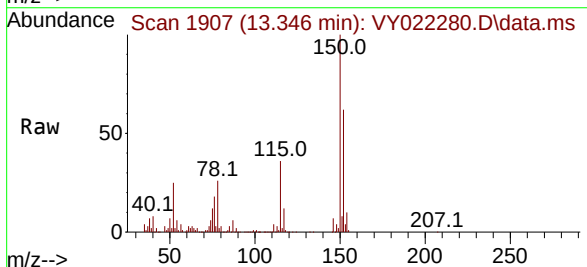
RT: 13.346 min Scan# 1907

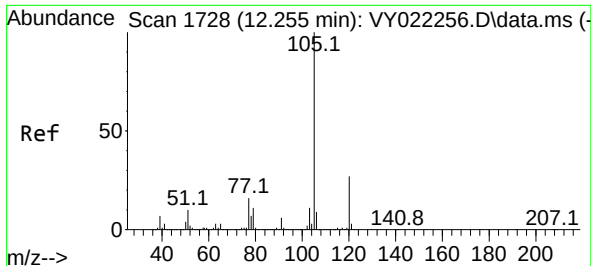
Delta R.T. -0.000 min

Lab File: VY022280.D

Acq: 16 May 2025 10:32

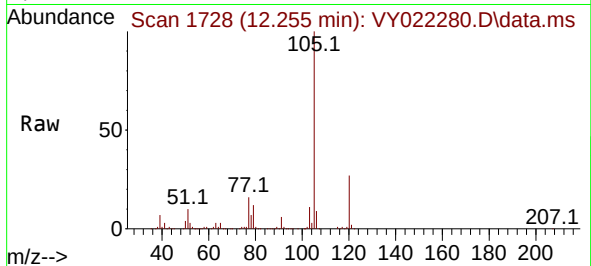
Tgt Ion:	152	Resp:	130982
Ion Ratio	Lower	Upper	
152	100		
115	58.0	29.4	88.2
150	163.7	0.0	353.8





#73
Isopropylbenzene
Concen: 20.716 ug/l
RT: 12.255 min Scan# 1728
Delta R.T. -0.000 min
Lab File: VY022280.D
Acq: 16 May 2025 10:32

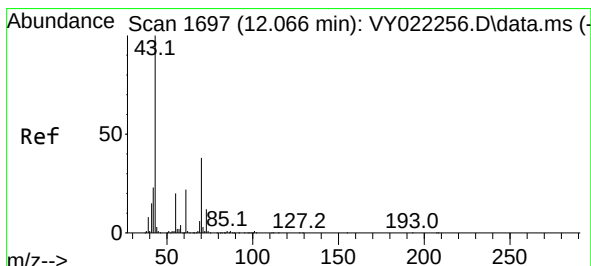
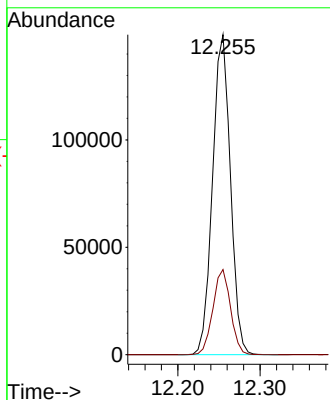
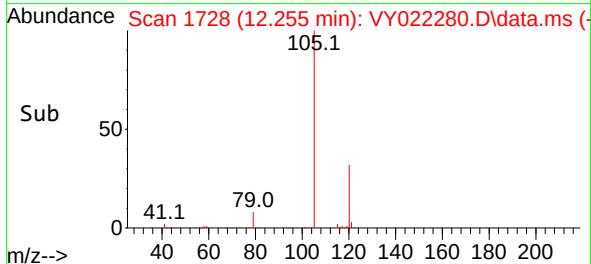
Instrument :
MSVOA_Y
ClientSampleId :
VY0516SBSD01



Tgt Ion:105 Resp: 224799
Ion Ratio Lower Upper
105 100
120 26.2 13.2 39.6

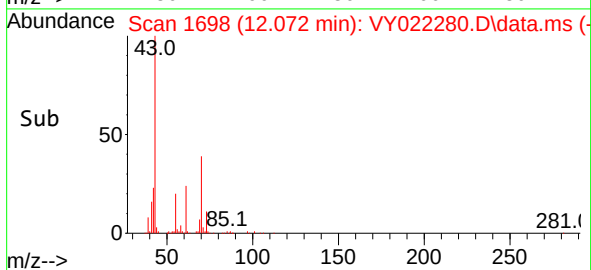
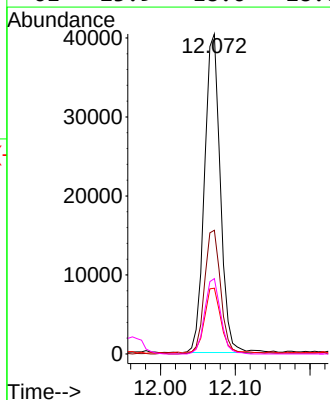
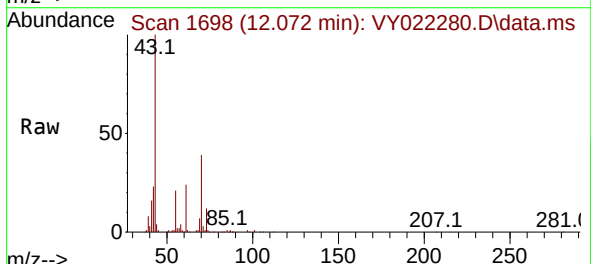
Manual Integrations
APPROVED

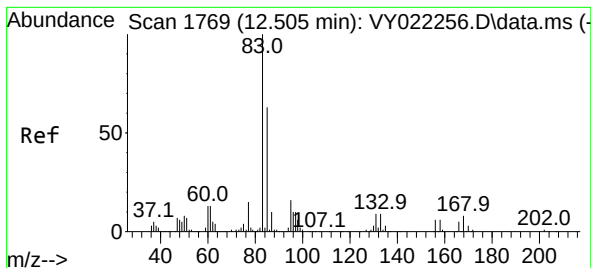
Reviewed By :Mahesh Dadoda 05/19/2025
Supervised By :Semsettin Yesilyurt 05/19/2025



#74
N-ethyl acetate
Concen: 19.183 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VY022280.D
Acq: 16 May 2025 10:32

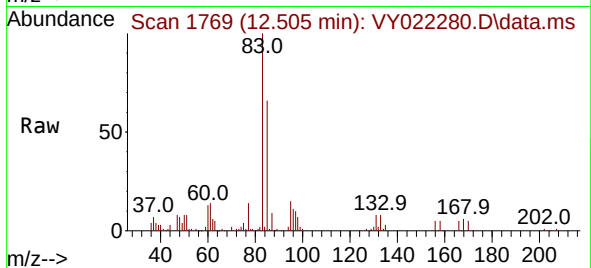
Tgt Ion: 43 Resp: 59534
Ion Ratio Lower Upper
43 100
70 39.6 31.4 47.0
55 21.2 17.0 25.6
61 23.9 18.6 28.0





#75
1,1,2,2-Tetrachloroethane
Concen: 21.012 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. -0.000 min
Lab File: VY022280.D
Acq: 16 May 2025 10:32

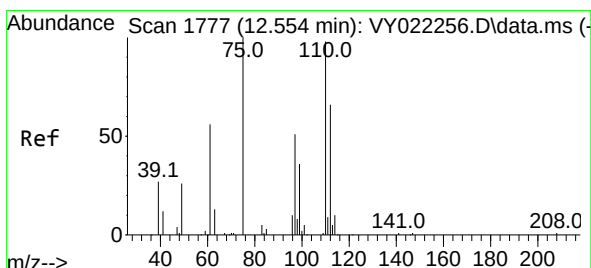
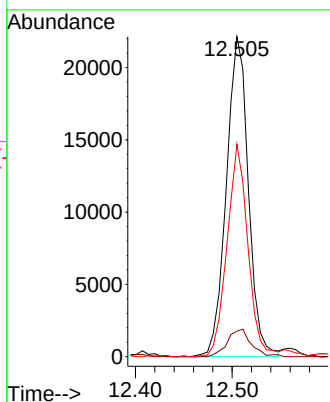
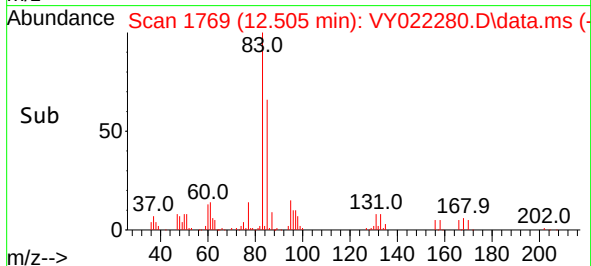
Instrument :
MSVOA_Y
ClientSampleId :
VY0516SBS01



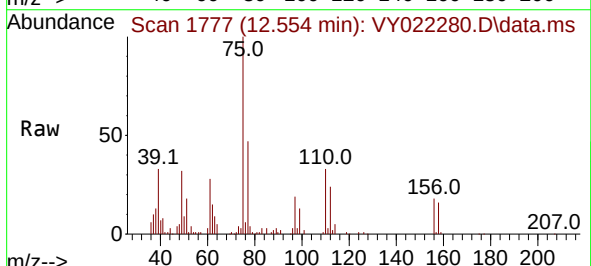
Tgt Ion: 83 Resp: 3506
Ion Ratio Lower Upper
83 100
131 9.3 4.9 14.7
85 62.7 32.0 96.0

Manual Integrations
APPROVED

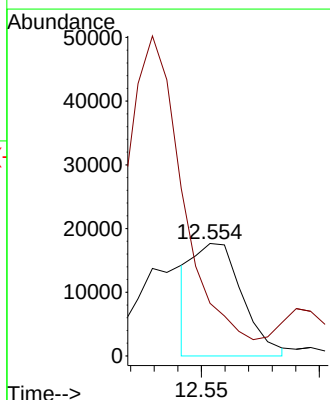
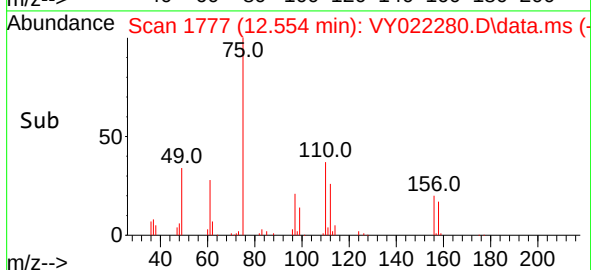
Reviewed By :Mahesh Dadoda 05/19/2025
Supervised By :Semsettin Yesilyurt 05/19/2025

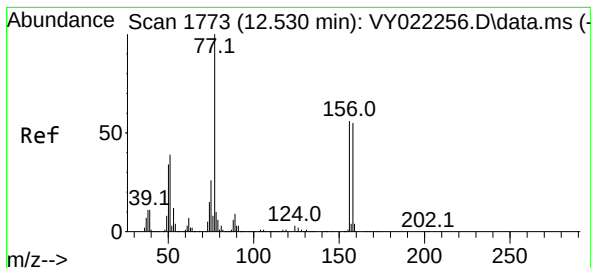


#76
1,2,3-Trichloropropane
Concen: 19.440 ug/l m
RT: 12.554 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VY022280.D
Acq: 16 May 2025 10:32



Tgt Ion: 75 Resp: 25797
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 21.127 ug/l

RT: 12.529 min Scan# 1773

Delta R.T. -0.000 min

Lab File: VY022280.D

Acq: 16 May 2025 10:32

Instrument :

MSVOA_Y

ClientSampleId :

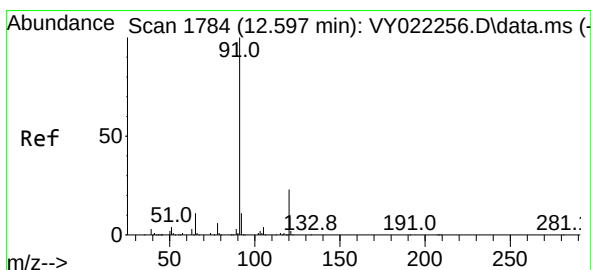
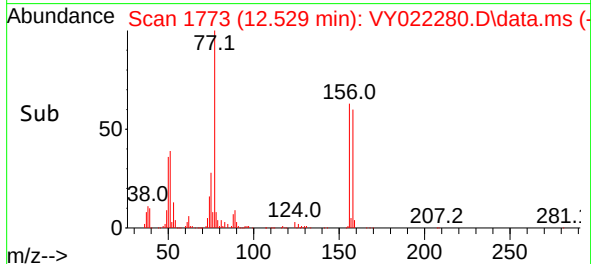
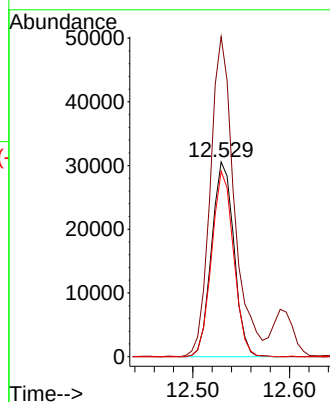
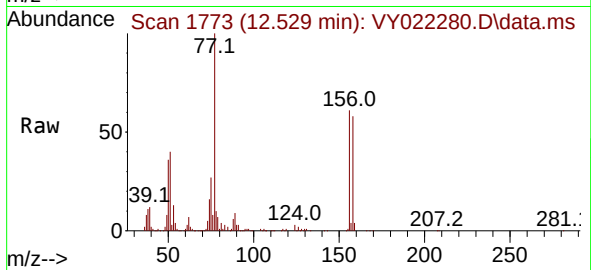
VY0516SBS01

Tgt Ion:	156	Resp:	4896
Ion Ratio	Lower	Upper	
156	100		
77	176.9	94.5	283.6
158	93.8	48.4	145.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/19/2025
Supervised By :Semsettin Yesilyurt 05/19/2025



#78

n-propylbenzene

Concen: 20.873 ug/l

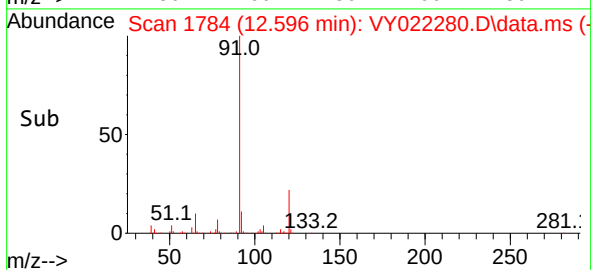
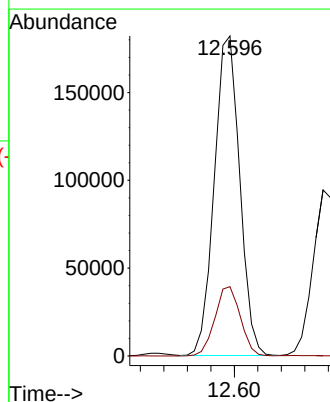
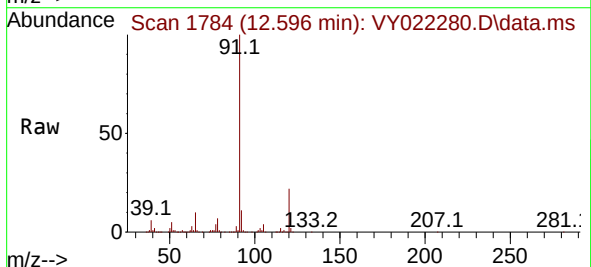
RT: 12.596 min Scan# 1784

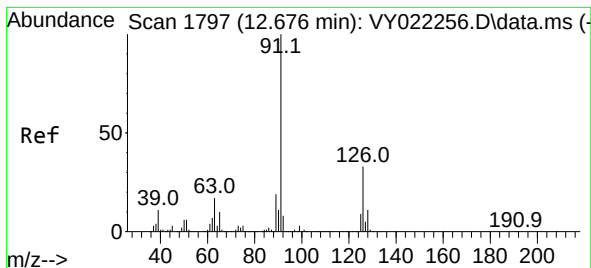
Delta R.T. -0.000 min

Lab File: VY022280.D

Acq: 16 May 2025 10:32

Tgt Ion:	91	Resp:	273198
Ion Ratio	Lower	Upper	
91	100		
120	21.8	11.1	33.3





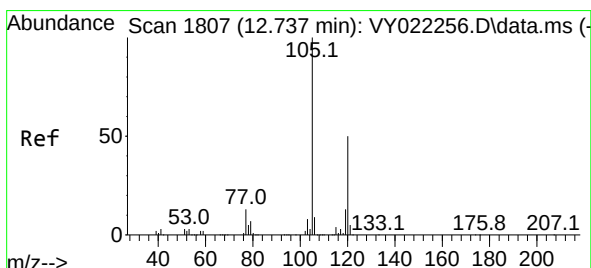
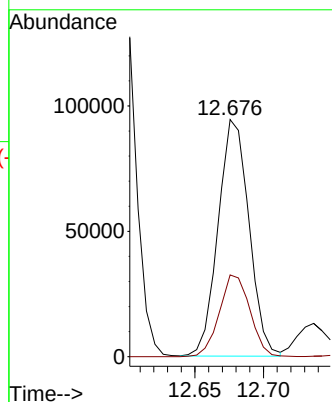
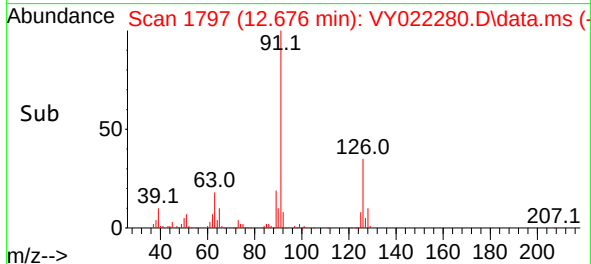
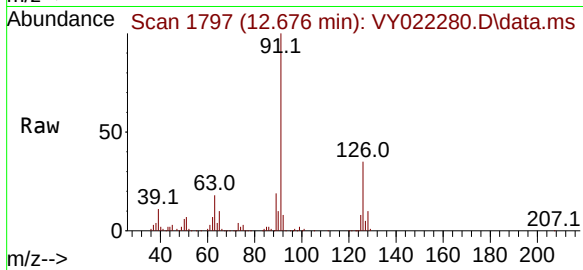
#79
2-Chlorotoluene
Concen: 20.603 ug/l
RT: 12.676 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VY022280.D
Acq: 16 May 2025 10:32

Instrument :
MSVOA_Y
ClientSampleId :
VY0516SBS01

Tgt Ion: 91 Resp: 148194
Ion Ratio Lower Upper
91 100
126 34.2 16.8 50.4

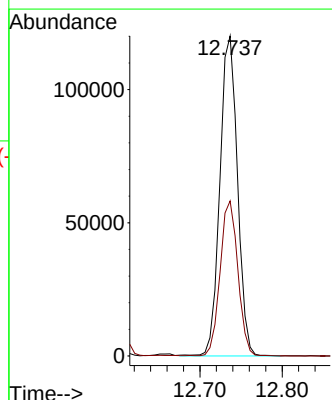
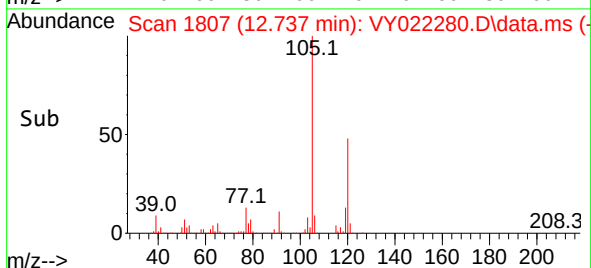
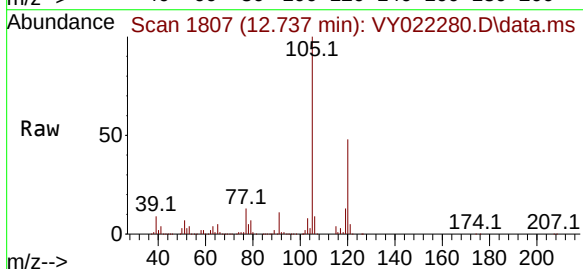
Manual Integrations
APPROVED

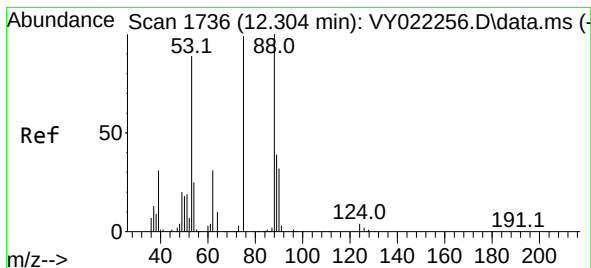
Reviewed By :Mahesh Dadoda 05/19/2025
Supervised By :Semsettin Yesilyurt 05/19/2025



#80
1,3,5-Trimethylbenzene
Concen: 20.340 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VY022280.D
Acq: 16 May 2025 10:32

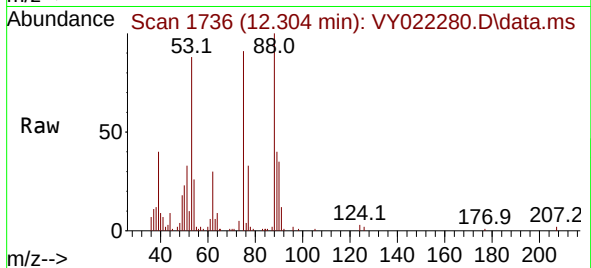
Tgt Ion:105 Resp: 178171
Ion Ratio Lower Upper
105 100
120 49.0 24.2 72.6





#81
trans-1,4-Dichloro-2-butene
Concen: 19.607 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. -0.000 min
Lab File: VY022280.D
Acq: 16 May 2025 10:32

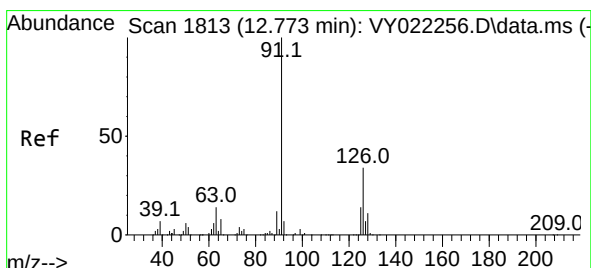
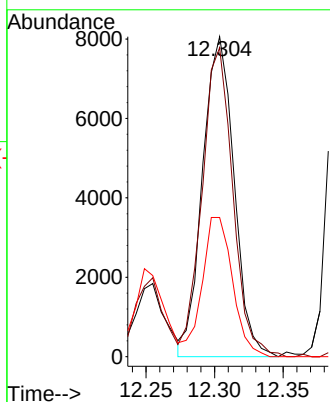
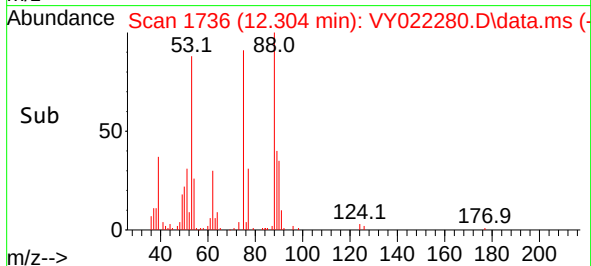
Instrument :
MSVOA_Y
ClientSampleId :
VY0516SBS01



Tgt Ion: 75 Resp: 12844
Ion Ratio Lower Upper
75 100
53 94.7 75.8 113.8
89 42.5 36.2 54.2

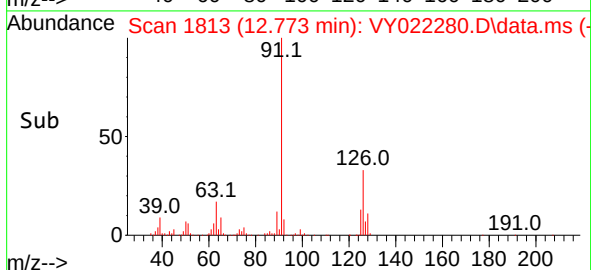
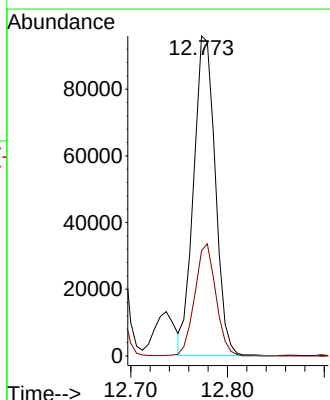
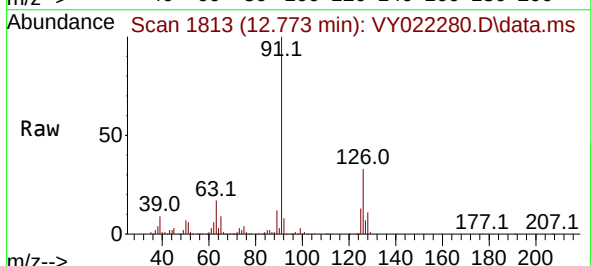
Manual Integrations
APPROVED

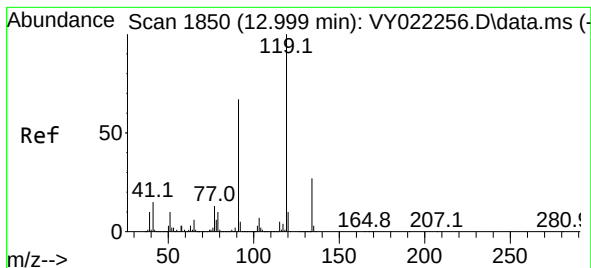
Reviewed By :Mahesh Dadoda 05/19/2025
Supervised By :Semsettin Yesilyurt 05/19/2025



#82
4-Chlorotoluene
Concen: 20.114 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VY022280.D
Acq: 16 May 2025 10:32

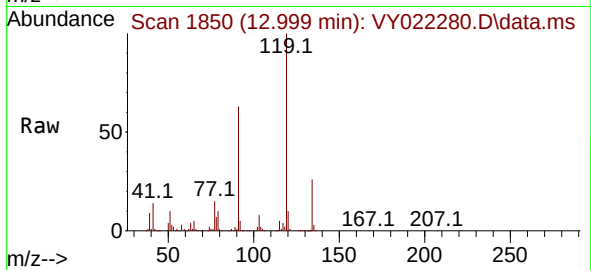
Tgt Ion: 91 Resp: 148810
Ion Ratio Lower Upper
91 100
126 34.5 16.8 50.4





#83
tert-Butylbenzene
Concen: 20.822 ug/l
RT: 12.999 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VY022280.D
Acq: 16 May 2025 10:32

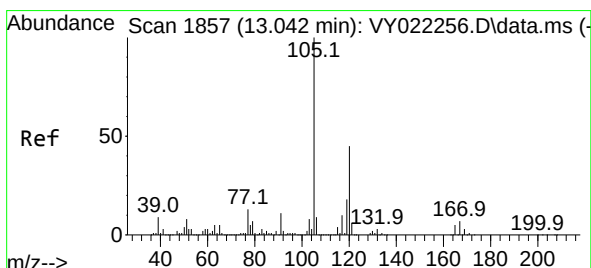
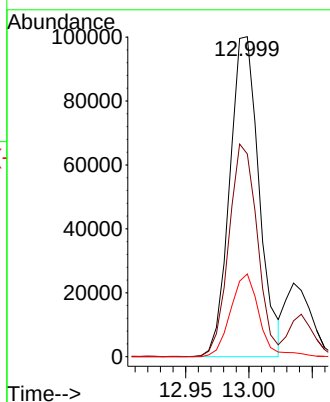
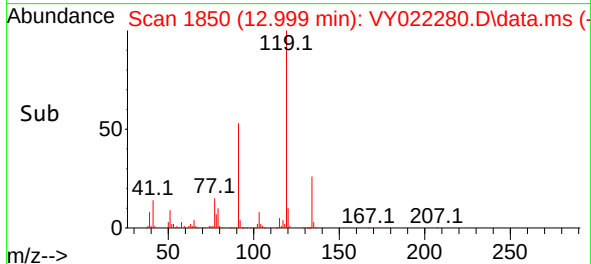
Instrument :
MSVOA_Y
ClientSampleId :
VY0516SBSD01



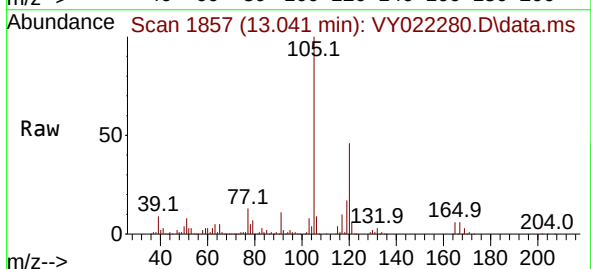
Tgt Ion:119 Resp: 162109
Ion Ratio Lower Upper
119 100
91 64.4 32.8 98.3
134 25.1 12.9 38.6

Manual Integrations
APPROVED

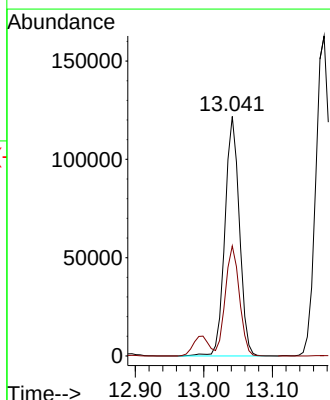
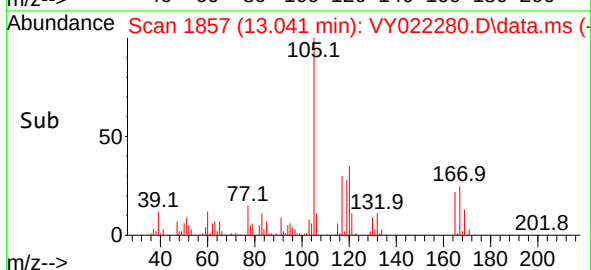
Reviewed By :Mahesh Dadoda 05/19/2025
Supervised By :Semsettin Yesilyurt 05/19/2025

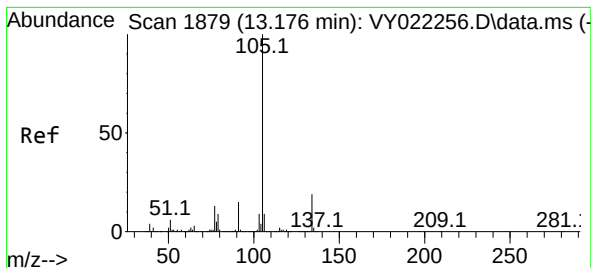


#84
1,2,4-Trimethylbenzene
Concen: 20.414 ug/l
RT: 13.041 min Scan# 1857
Delta R.T. -0.000 min
Lab File: VY022280.D
Acq: 16 May 2025 10:32



Tgt Ion:105 Resp: 177507
Ion Ratio Lower Upper
105 100
120 44.7 22.3 66.9





#85

sec-Butylbenzene

Concen: 20.676 ug/l

RT: 13.175 min Scan# 1879

Delta R.T. -0.000 min

Lab File: VY022280.D

Acq: 16 May 2025 10:32

Instrument :

MSVOA_Y

ClientSampleId :

VY0516SBSD01

Tgt Ion:105 Resp: 23895

Ion Ratio Lower Upper

105 100

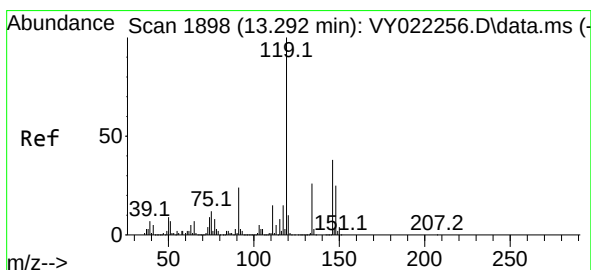
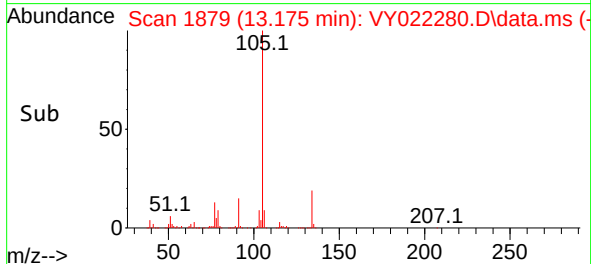
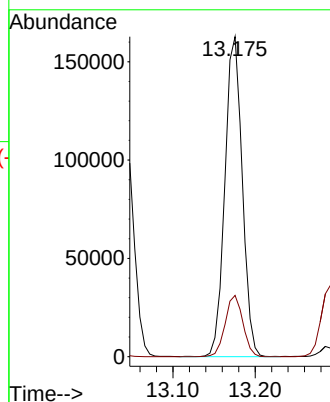
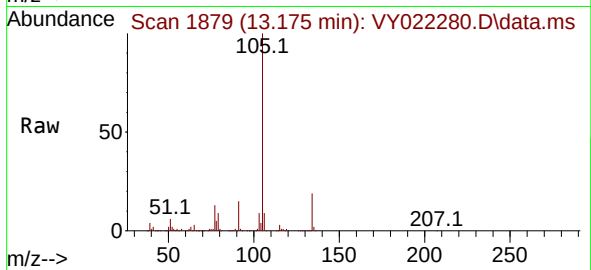
134 19.5 9.8 29.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/19/2025

Supervised By :Semsettin Yesilyurt 05/19/2025



#86

p-Isopropyltoluene

Concen: 20.491 ug/l

RT: 13.291 min Scan# 1898

Delta R.T. -0.000 min

Lab File: VY022280.D

Acq: 16 May 2025 10:32

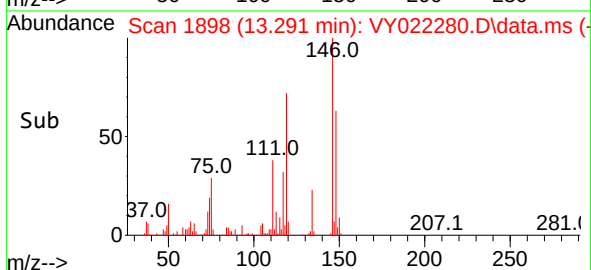
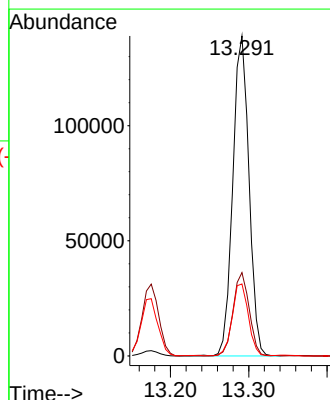
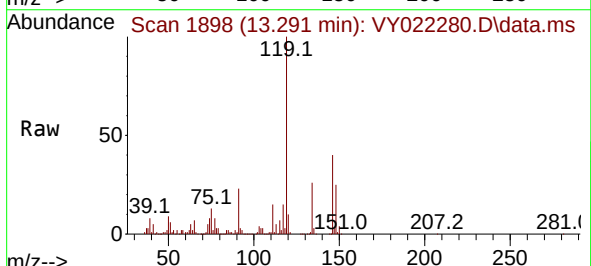
Tgt Ion:119 Resp: 199175

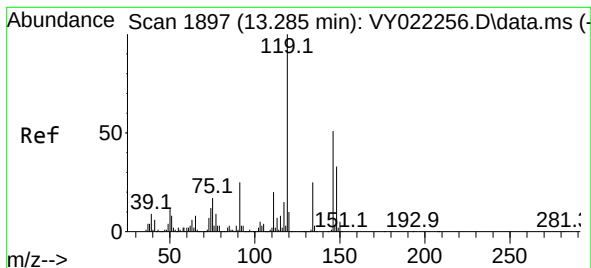
Ion Ratio Lower Upper

119 100

134 26.0 12.9 38.6

91 22.4 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 19.994 ug/l

RT: 13.285 min Scan# 1897

Delta R.T. -0.000 min

Lab File: VY022280.D

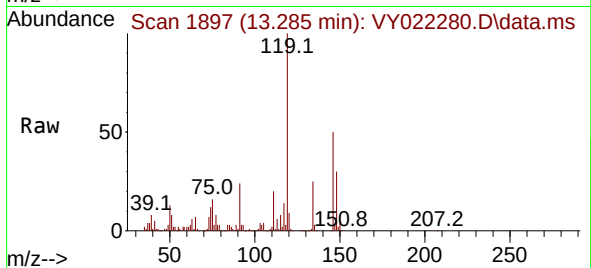
Acq: 16 May 2025 10:32

Instrument :

MSVOA_Y

ClientSampleId :

VY0516SBS01



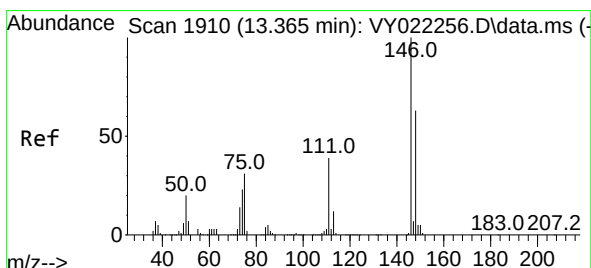
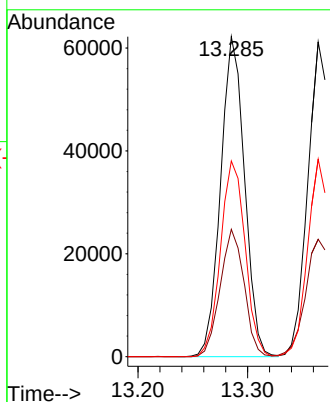
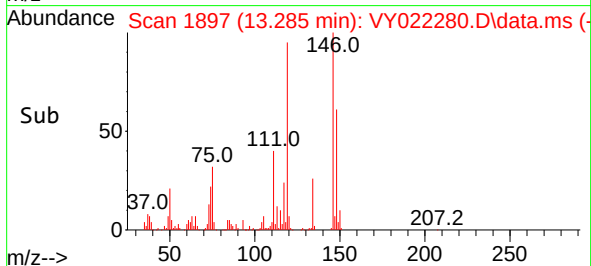
Tgt Ion:	146	Resp:	94598
Ion Ratio	Lower	Upper	
146	100		
111	39.6	19.9	59.7
148	62.7	31.9	95.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/19/2025

Supervised By :Semsettin Yesilyurt 05/19/2025



#88

1,4-Dichlorobenzene

Concen: 20.212 ug/l

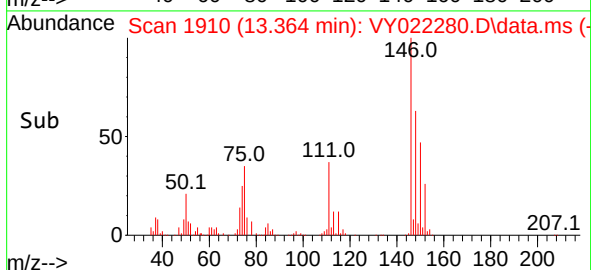
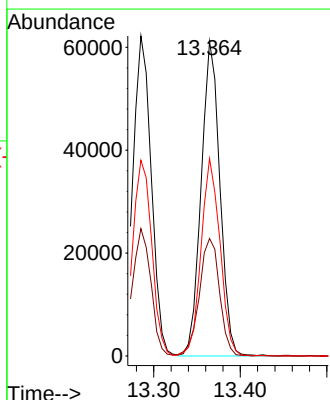
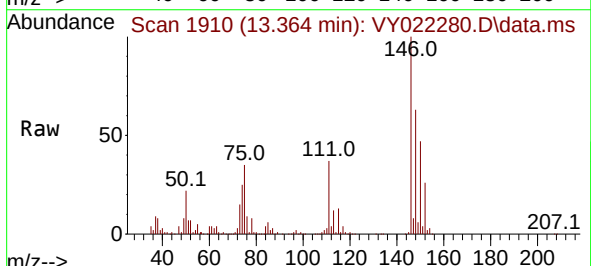
RT: 13.364 min Scan# 1910

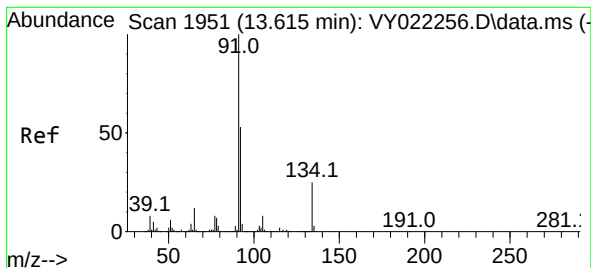
Delta R.T. -0.000 min

Lab File: VY022280.D

Acq: 16 May 2025 10:32

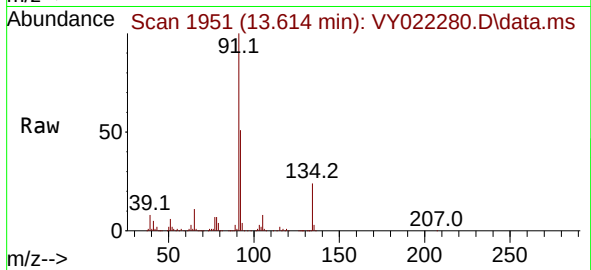
Tgt Ion:	146	Resp:	91982
Ion Ratio	Lower	Upper	
146	100		
111	40.1	20.0	59.9
148	63.3	32.1	96.5





#89
n-Butylbenzene
Concen: 20.639 ug/l
RT: 13.614 min Scan# 1951
Delta R.T. -0.000 min
Lab File: VY022280.D
Acq: 16 May 2025 10:32

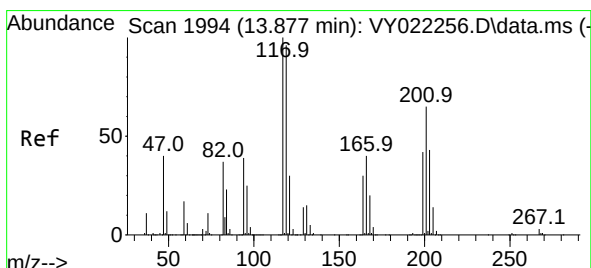
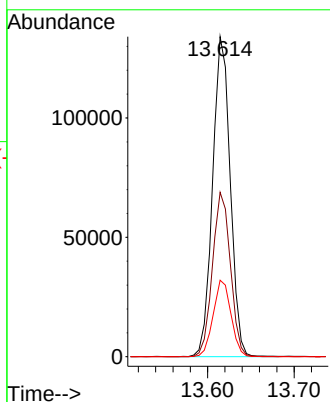
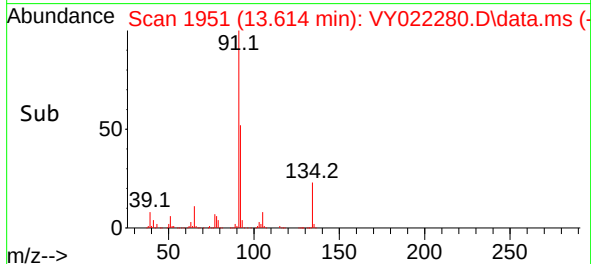
Instrument :
MSVOA_Y
ClientSampleId :
VY0516SBSD01



Tgt Ion: 91 Resp: 18978
Ion Ratio Lower Upper
91 100
92 52.3 26.3 78.9
134 24.1 12.4 37.4

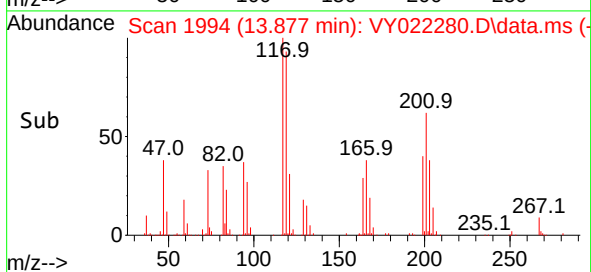
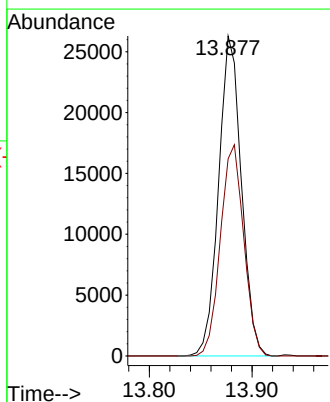
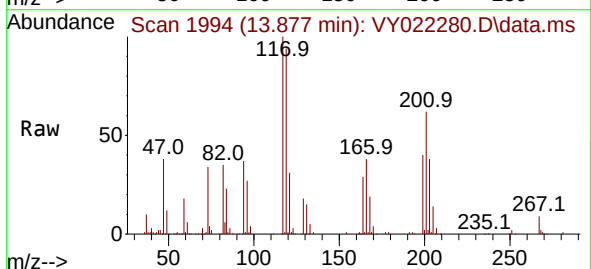
Manual Integrations
APPROVED

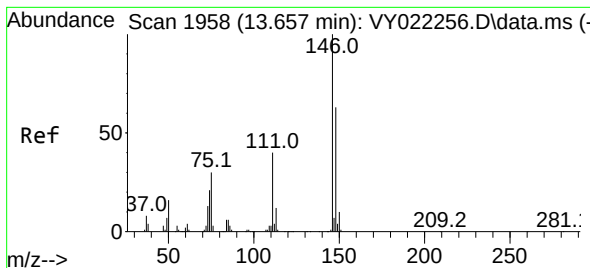
Reviewed By :Mahesh Dadoda 05/19/2025
Supervised By :Semsettin Yesilyurt 05/19/2025



#90
Hexachloroethane
Concen: 20.602 ug/l
RT: 13.877 min Scan# 1994
Delta R.T. -0.000 min
Lab File: VY022280.D
Acq: 16 May 2025 10:32

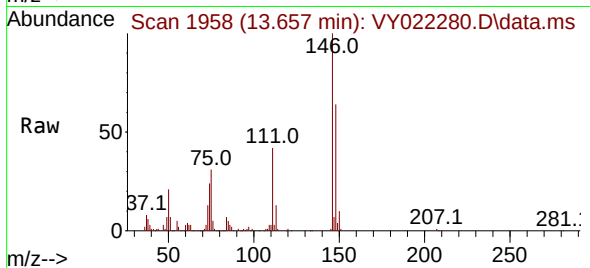
Tgt Ion:117 Resp: 40423
Ion Ratio Lower Upper
117 100
201 67.7 35.2 105.6





#91
1,2-Dichlorobenzene
Concen: 20.132 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. -0.000 min
Lab File: VY022280.D
Acq: 16 May 2025 10:32

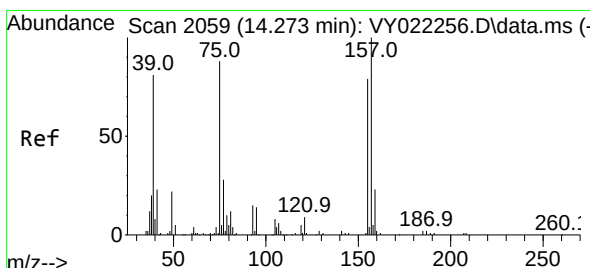
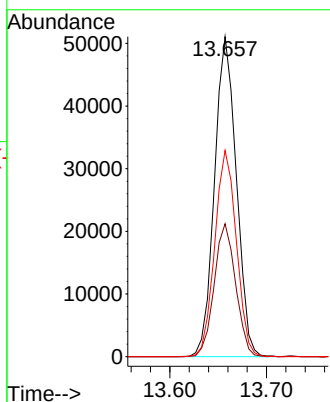
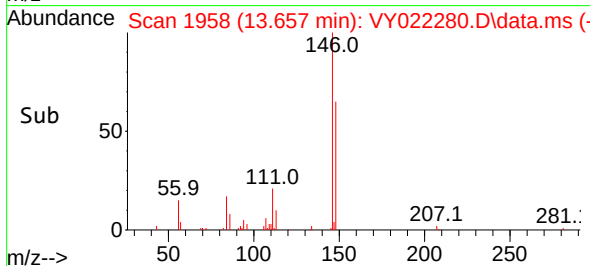
Instrument :
MSVOA_Y
ClientSampleId :
VY0516SBSD01



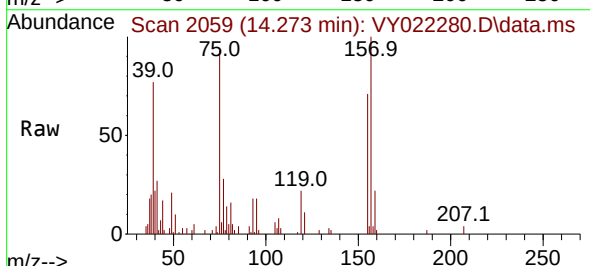
Tgt Ion:146 Resp: 8000
Ion Ratio Lower Upper
146 100
111 40.9 20.5 61.5
148 63.8 32.0 96.0

Manual Integrations
APPROVED

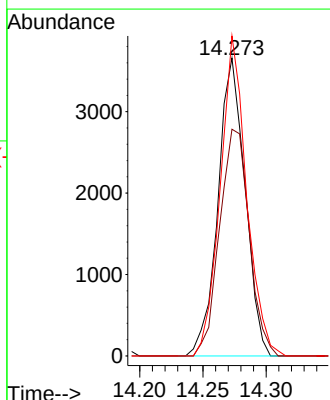
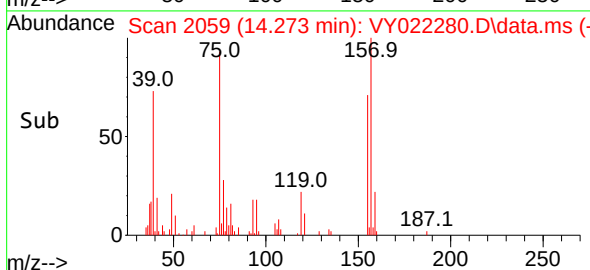
Reviewed By :Mahesh Dadoda 05/19/2025
Supervised By :Semsettin Yesilyurt 05/19/2025

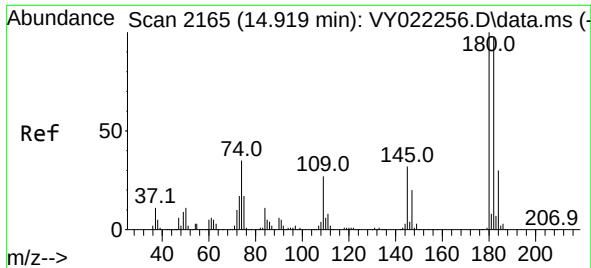


#92
1,2-Dibromo-3-Chloropropane
Concen: 20.264 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. -0.000 min
Lab File: VY022280.D
Acq: 16 May 2025 10:32



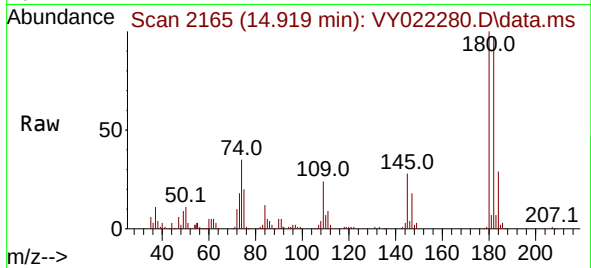
Tgt Ion: 75 Resp: 5453
Ion Ratio Lower Upper
75 100
155 83.0 43.4 130.1
157 104.3 54.6 163.9





#93
1,2,4-Trichlorobenzene
Concen: 19.762 ug/l
RT: 14.919 min Scan# 2165
Delta R.T. -0.000 min
Lab File: VY022280.D
Acq: 16 May 2025 10:32

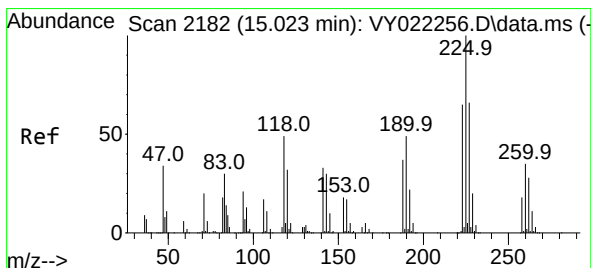
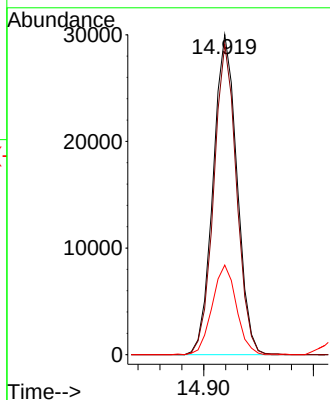
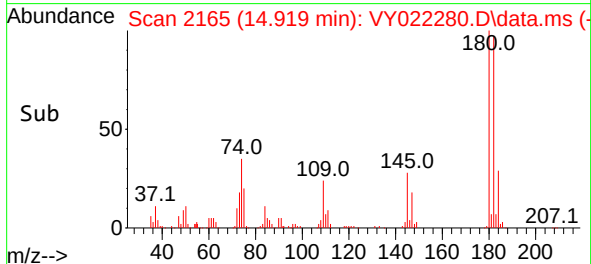
Instrument :
MSVOA_Y
ClientSampleId :
VY0516SBSD01



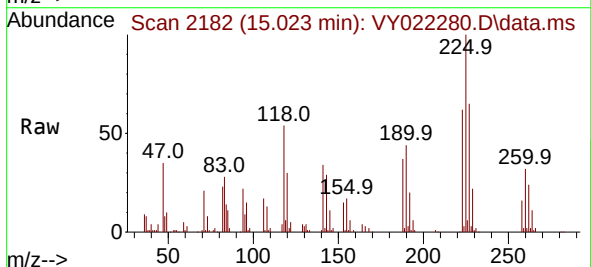
Tgt Ion:180 Resp: 45364
Ion Ratio Lower Upper
180 100
182 92.7 48.0 144.0
145 28.4 15.0 45.1

Manual Integrations
APPROVED

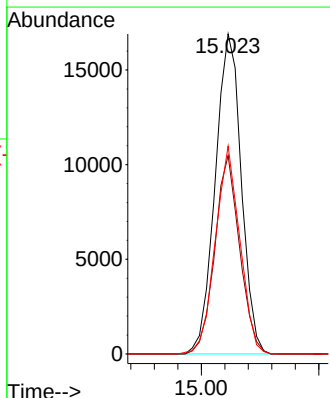
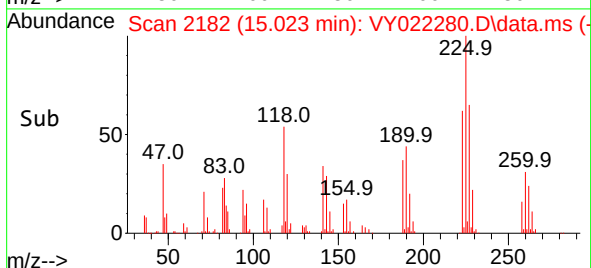
Reviewed By :Mahesh Dadoda 05/19/2025
Supervised By :Semsettin Yesilyurt 05/19/2025

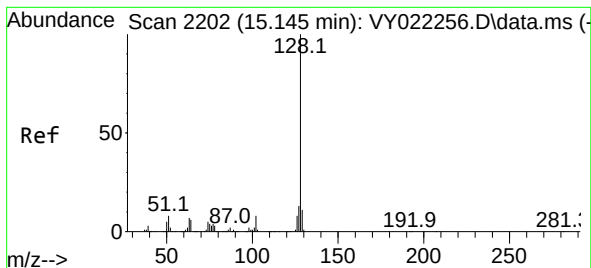


#94
Hexachlorobutadiene
Concen: 20.350 ug/l
RT: 15.023 min Scan# 2182
Delta R.T. -0.000 min
Lab File: VY022280.D
Acq: 16 May 2025 10:32



Tgt Ion:225 Resp: 26052
Ion Ratio Lower Upper
225 100
223 59.1 31.5 94.5
227 61.2 32.1 96.3





#95

Naphthalene

Concen: 18.943 ug/l

RT: 15.145 min Scan# 2202

Delta R.T. -0.000 min

Lab File: VY022280.D

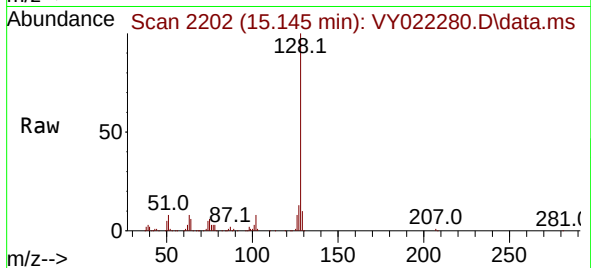
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Instrument :

MSVOA_Y

ClientSampleId :

VY0516SBSD01

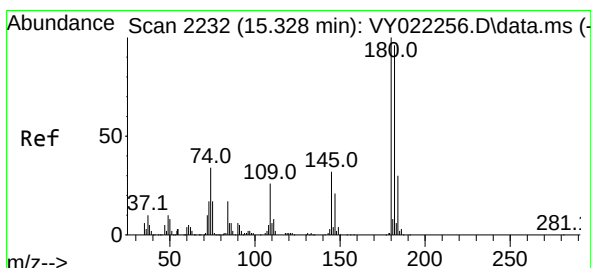
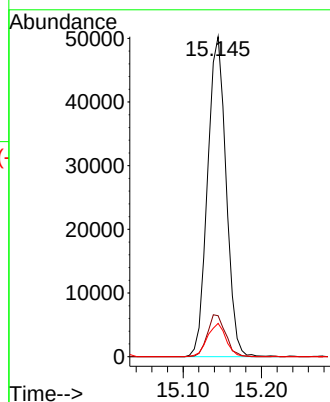
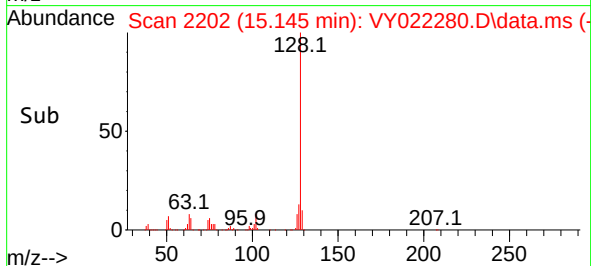


Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.2	15.2
129	10.5	8.8	13.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/19/2025
Supervised By :Semsettin Yesilyurt 05/19/2025



#96

1,2,3-Trichlorobenzene

Concen: 19.213 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. -0.000 min

Lab File: VY022280.D

Acq: 16 May 2025 10:32

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.0	47.1	141.3
145	30.6	15.9	47.6

