

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042425\
 Data File : VY021989.D
 Acq On : 24 Apr 2025 09:35
 Operator : SY/MD
 Sample : VY0424SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0424SBS01

Manual Integrations
 APPROVED

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

Quant Time: Apr 25 01:22:42 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 23 02:30:30 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	301364	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	465636	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	427023	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	228899	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	136501	49.037	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	98.080%		
35) Dibromofluoromethane	7.634	113	150138	48.806	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	97.620%		
50) Toluene-d8	10.109	98	575047	49.584	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	99.160%		
62) 4-Bromofluorobenzene	12.408	95	189843	48.626	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	97.260%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.867	85	48645	18.943	ug/l	98
3) Chloromethane	2.068	50	74986	20.508	ug/l	98
4) Vinyl Chloride	2.202	62	89036	19.816	ug/l	99
5) Bromomethane	2.592	94	85915	22.194	ug/l	96
6) Chloroethane	2.733	64	60460	19.757	ug/l	100
7) Trichlorofluoromethane	3.056	101	119887	20.234	ug/l	99
8) Diethyl Ether	3.452	74	28967	18.784	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.818	101	62824	19.546	ug/l	99
10) Methyl Iodide	4.007	142	70533	18.954	ug/l	97
11) Tert butyl alcohol	4.879	59	15319	100.242	ug/l #	82
12) 1,1-Dichloroethene	3.787	96	57710	19.263	ug/l	97
13) Acrolein	3.653	56	26219	95.591	ug/l	100
14) Allyl chloride	4.385	41	65441	18.760	ug/l	100
15) Acrylonitrile	5.061	53	56096	99.361	ug/l	98
16) Acetone	3.885	43	40034	96.785	ug/l	99
17) Carbon Disulfide	4.104	76	189114	19.798	ug/l	98
18) Methyl Acetate	4.391	43	25442	19.566	ug/l	98
19) Methyl tert-butyl Ether	5.116	73	126359	18.844	ug/l	98
20) Methylene Chloride	4.616	84	65067	18.486	ug/l	97
21) trans-1,2-Dichloroethene	5.116	96	64766	19.303	ug/l	97
22) Diisopropyl ether	6.019	45	150085	19.333	ug/l	94
23) Vinyl Acetate	5.964	43	410087	98.019	ug/l	100
24) 1,1-Dichloroethane	5.915	63	102107	18.976	ug/l #	95
25) 2-Butanone	6.897	43	63105	99.453	ug/l	97
26) 2,2-Dichloropropane	6.884	77	92320	19.575	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	71623	19.091	ug/l	100
28) Bromochloromethane	7.244	49	41560	19.884	ug/l	99
29) Tetrahydrofuran	7.268	42	40352	97.916	ug/l	95
30) Chloroform	7.421	83	116975	19.598	ug/l	99
31) Cyclohexane	7.701	56	88549	19.243	ug/l	95
32) 1,1,1-Trichloroethane	7.616	97	105471	19.532	ug/l	100
36) 1,1-Dichloropropene	7.835	75	82094	19.867	ug/l	98
37) Ethyl Acetate	6.988	43	29954	20.183	ug/l	99
38) Carbon Tetrachloride	7.817	117	98232	19.894	ug/l	96
39) Methylcyclohexane	9.110	83	99017	19.041	ug/l	95
40) Benzene	8.079	78	254804	19.726	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.232	41	16888	20.816	ug/l #	79
42) 1,2-Dichloroethane	8.159	62	63796	19.948	ug/l	100
43) Isopropyl Acetate	8.201	43	57431	20.151	ug/l	96
44) Trichloroethene	8.866	130	69178	19.335	ug/l	93
45) 1,2-Dichloropropane	9.140	63	54970	19.243	ug/l	96
46) Dibromomethane	9.231	93	35427	19.812	ug/l	98
47) Bromodichloromethane	9.427	83	88053	19.711	ug/l	98
48) Methyl methacrylate	9.225	41	25646	19.465	ug/l	98
49) 1,4-Dioxane	9.238	88	7821	410.355	ug/l	96
51) 4-Methyl-2-Pentanone	10.000	43	151958	101.709	ug/l	99
52) Toluene	10.170	92	166470	19.909	ug/l	100
53) t-1,3-Dichloropropene	10.396	75	73995	19.311	ug/l	96
54) cis-1,3-Dichloropropene	9.853	75	88738	19.482	ug/l	97
55) 1,1,2-Trichloroethane	10.573	97	47450	19.865	ug/l	98
56) Ethyl methacrylate	10.439	69	50919	18.641	ug/l	96
57) 1,3-Dichloropropane	10.719	76	76895	20.081	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	133534	99.987	ug/l	98
59) 2-Hexanone	10.762	43	100143	101.622	ug/l	95
60) Dibromochloromethane	10.914	129	65458	19.794	ug/l	99
61) 1,2-Dibromoethane	11.012	107	44063	19.540	ug/l	99
64) Tetrachloroethene	10.646	164	77636	19.272	ug/l	97
65) Chlorobenzene	11.445	112	183545	19.221	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.518	131	64193	19.094	ug/l	99
67) Ethyl Benzene	11.518	91	298182	19.088	ug/l	99
68) m/p-Xylenes	11.627	106	241488	38.849	ug/l	99
69) o-Xylene	11.957	106	109137	19.049	ug/l	98
70) Styrene	11.969	104	183016	19.025	ug/l	100
71) Bromoform	12.133	173	38363	19.627	ug/l #	100
73) Isopropylbenzene	12.255	105	284253	18.587	ug/l	100
74) N-amyl acetate	12.072	43	47815	18.198	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.505	83	51132	19.831	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	38565m	19.670	ug/l	
77) Bromobenzene	12.536	156	73190	18.940	ug/l	98
78) n-propylbenzene	12.597	91	346929	19.049	ug/l	99
79) 2-Chlorotoluene	12.682	91	200178	18.900	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	238754	18.948	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	15264	18.748	ug/l	98
82) 4-Chlorotoluene	12.780	91	212435	19.295	ug/l	100
83) tert-Butylbenzene	12.999	119	209626	18.550	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	238581	18.930	ug/l	100
85) sec-Butylbenzene	13.176	105	312777	18.914	ug/l	100
86) p-Isopropyltoluene	13.292	119	264903	18.865	ug/l	99
87) 1,3-Dichlorobenzene	13.286	146	144309	18.387	ug/l	98
88) 1,4-Dichlorobenzene	13.365	146	146523	18.850	ug/l	99
89) n-Butylbenzene	13.621	91	229275	18.267	ug/l	99
90) Hexachloroethane	13.883	117	57227	18.549	ug/l	98
91) 1,2-Dichlorobenzene	13.658	146	128733	18.806	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	7626	18.591	ug/l	93
93) 1,2,4-Trichlorobenzene	14.919	180	70019	18.050	ug/l	99
94) Hexachlorobutadiene	15.023	225	44345	18.580	ug/l	98
95) Naphthalene	15.145	128	111088	17.239	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	59300	17.709	ug/l	100

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

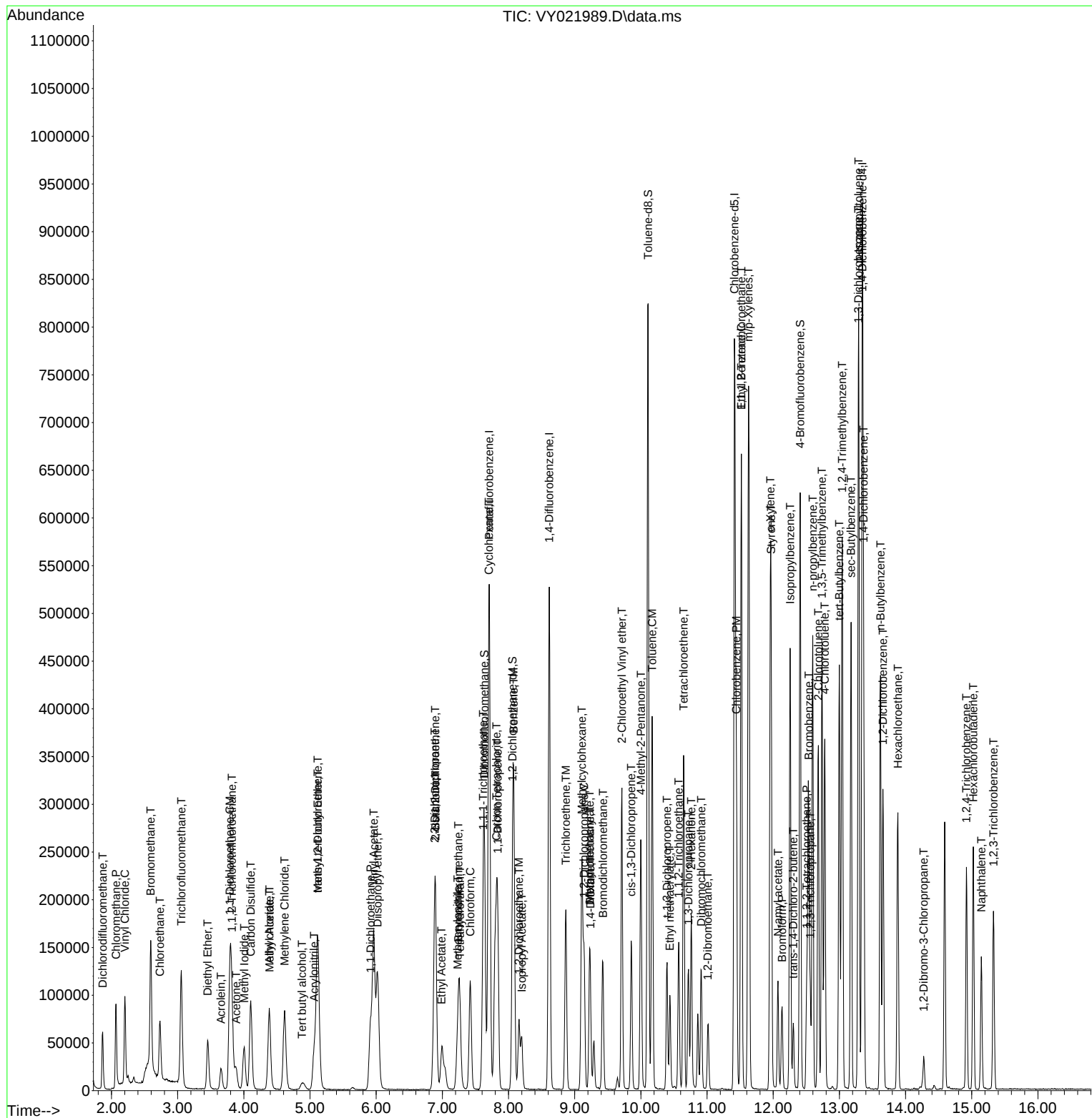
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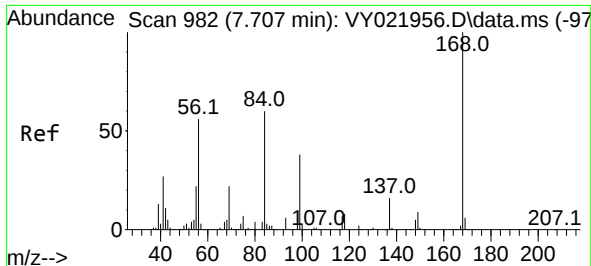
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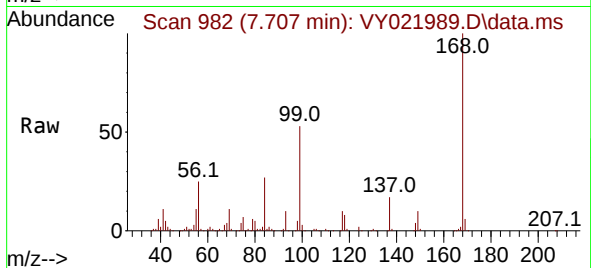
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021989.D
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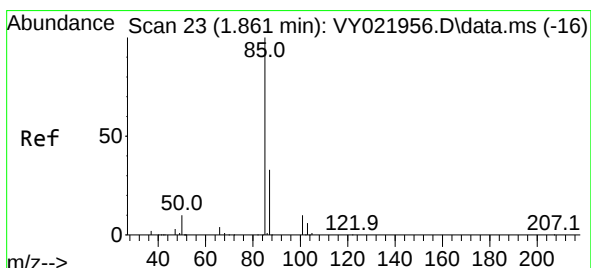
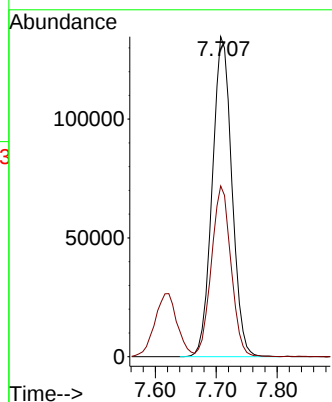
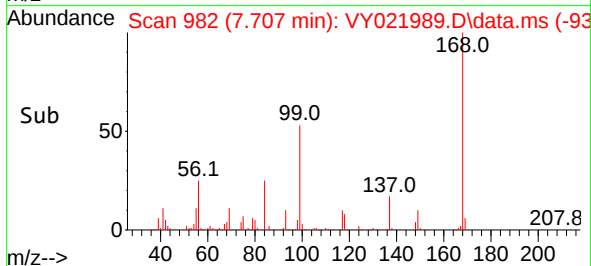
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Tgt Ion:168 Resp: 301364
Ion Ratio Lower Upper
168 100
99 53.3 43.1 64.7

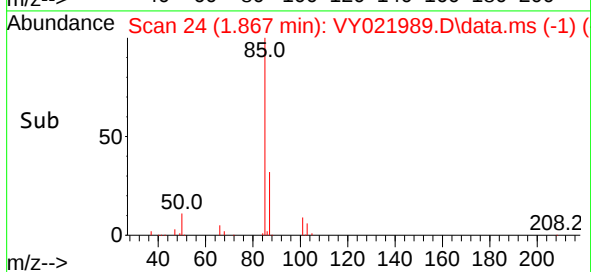
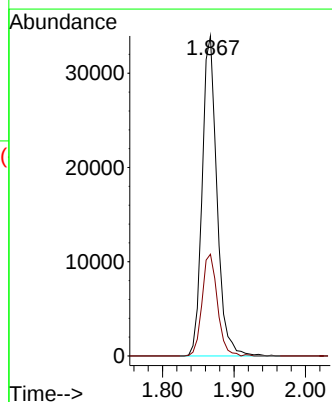
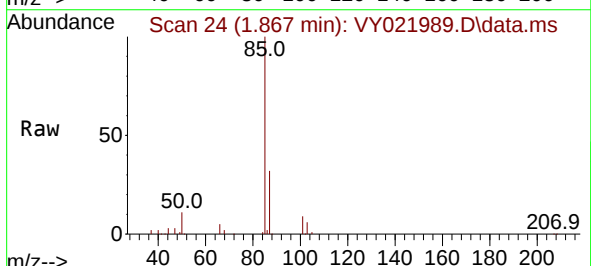
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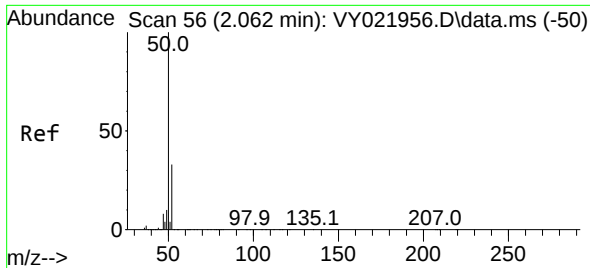
Reviewed By :Mahesh Dadoda 04/25/2025
Supervised By :Semsettin Yesilyurt 04/25/2025



#2
Dichlorodifluoromethane
Concen: 18.943 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.006 min
Lab File: VY021989.D
Acq: 24 Apr 2025 09:35

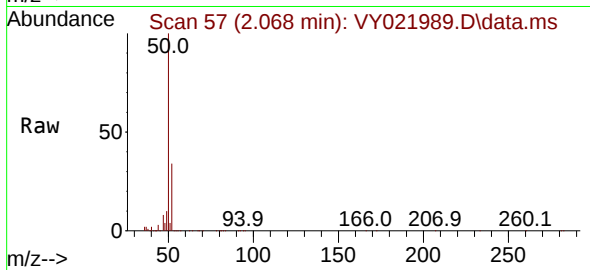
Tgt Ion: 85 Resp: 48645
Ion Ratio Lower Upper
85 100
87 31.8 16.6 49.7





#3
Chloromethane
Concen: 20.508 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY021989.D
Acq: 24 Apr 2025 09:35

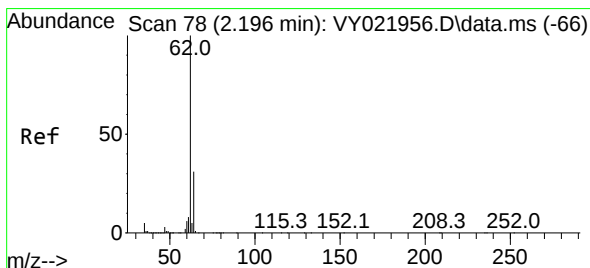
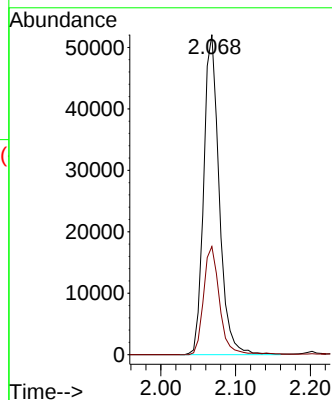
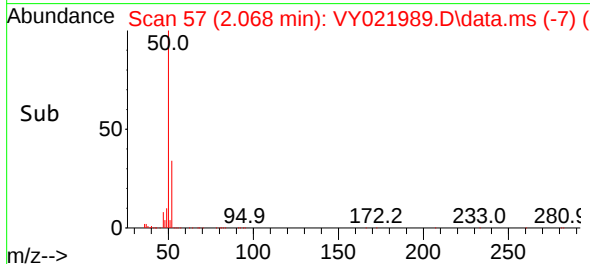
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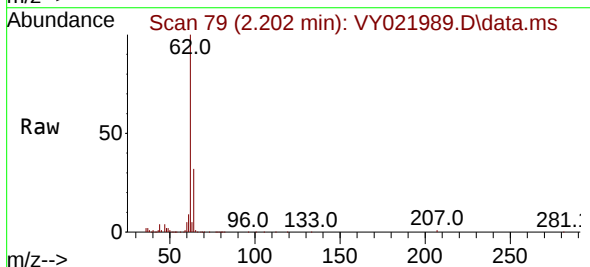
Tgt Ion: 50 Resp: 74980
Ion Ratio Lower Upper
50 100
52 33.8 26.1 39.1

Manual Integrations
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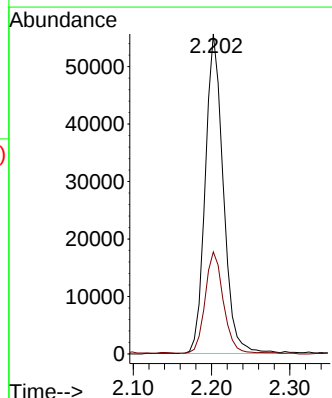
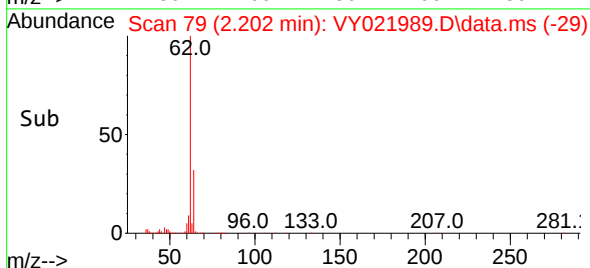
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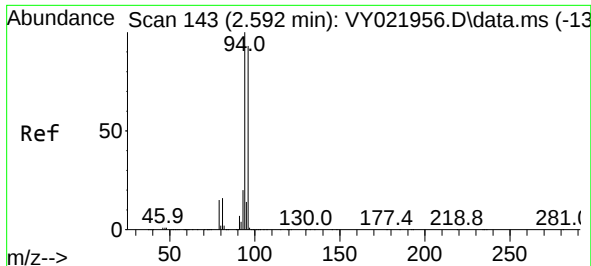


#4
Vinyl Chloride
Concen: 19.816 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.006 min
Lab File: VY021989.D
Acq: 24 Apr 2025 09:35



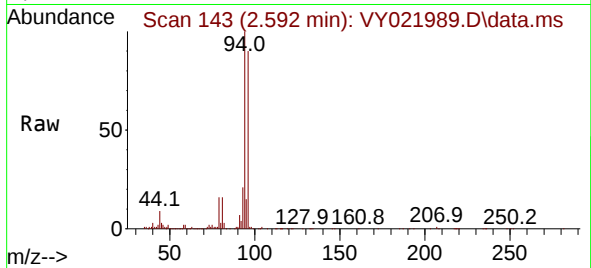
Tgt Ion: 62 Resp: 89036
Ion Ratio Lower Upper
62 100
64 31.8 25.1 37.7





#5
Bromomethane
Concen: 22.194 ug/l
RT: 2.592 min Scan# 143
Delta R.T. 0.000 min
Lab File: VY021989.D
Acq: 24 Apr 2025 09:35

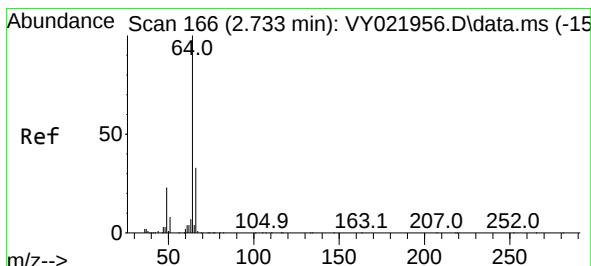
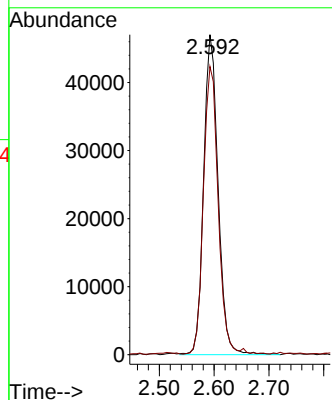
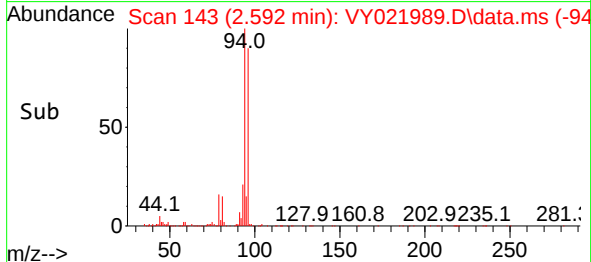
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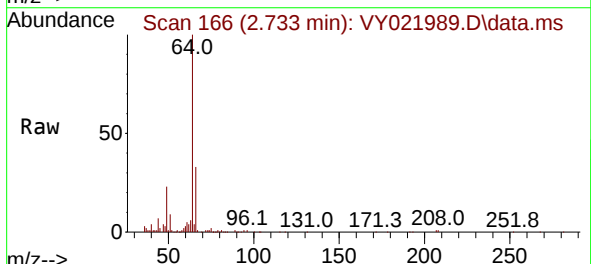
Tgt Ion: 94 Resp: 85915
Ion Ratio Lower Upper
94 100
96 89.8 74.6 111.8

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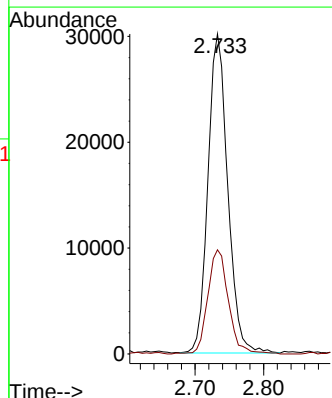
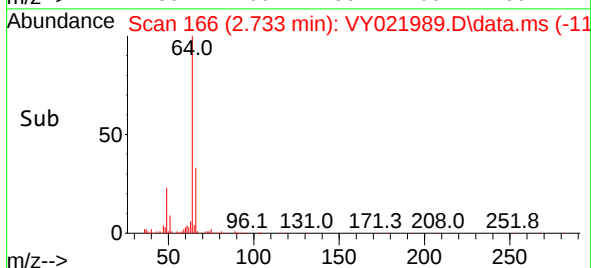
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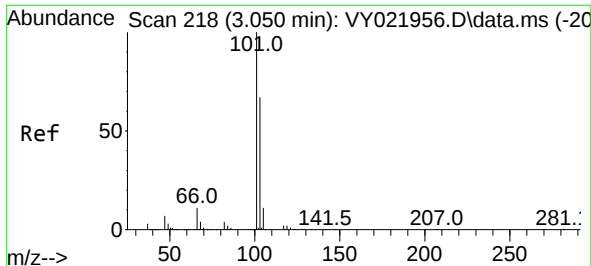


#6
Chloroethane
Concen: 19.757 ug/l
RT: 2.733 min Scan# 166
Delta R.T. 0.000 min
Lab File: VY021989.D
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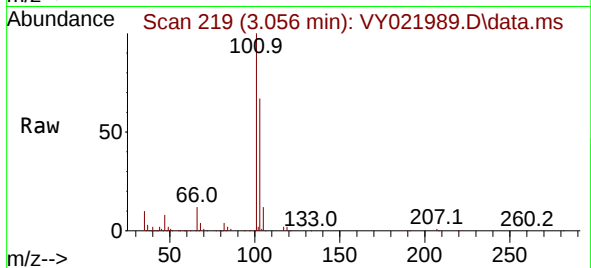
Tgt Ion: 64 Resp: 60460
Ion Ratio Lower Upper
64 100
66 32.7 26.2 39.4





#7
 Trichlorofluoromethane
 Concen: 20.234 ug/l
 RT: 3.056 min Scan# 218
 Delta R.T. 0.006 min
 Lab File: VY021989.D
 Acq: 24 Apr 2025 09:35

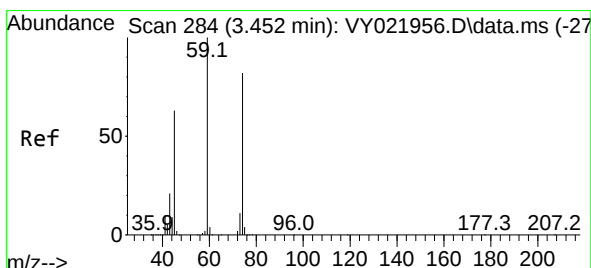
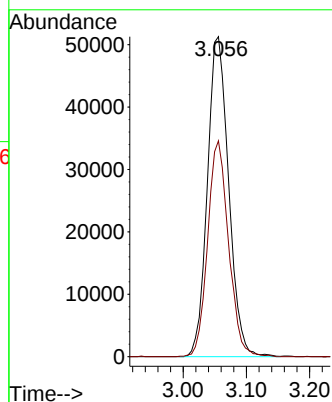
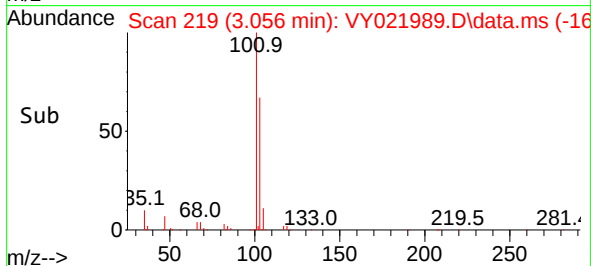
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Tgt Ion:101 Resp: 11988
 Ion Ratio Lower Upper
 101 100
 103 67.5 53.6 80.4

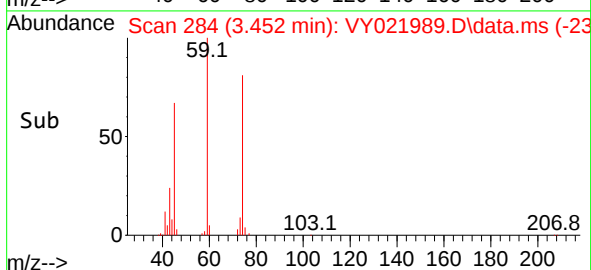
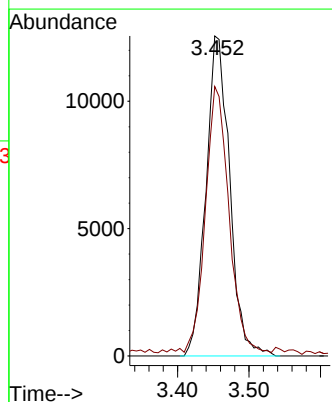
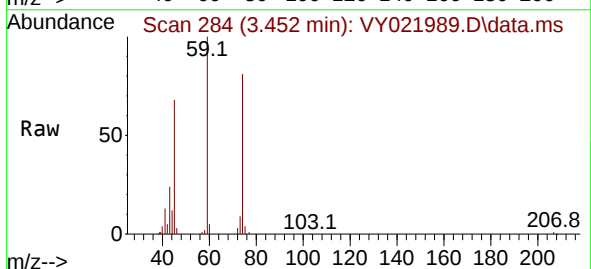
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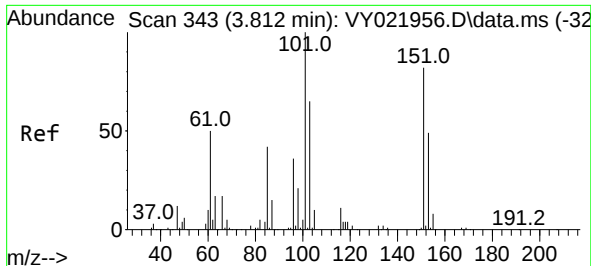
Reviewed By :Mahesh Dadoda 04/25/2025
 Supervised By :Semsettin Yesilyurt 04/25/2025



#8
 Diethyl Ether
 Concen: 18.784 ug/l
 RT: 3.452 min Scan# 284
 Delta R.T. 0.000 min
 Lab File: VY021989.D
 Acq: 24 Apr 2025 09:35

Tgt Ion: 74 Resp: 28967
 Ion Ratio Lower Upper
 74 100
 45 82.0 39.1 117.5





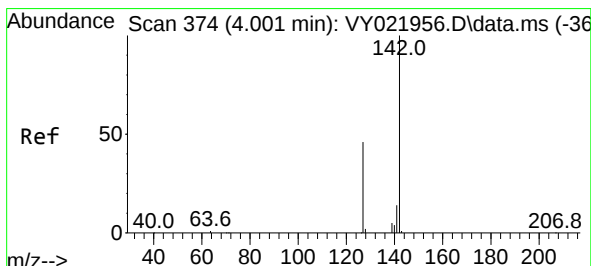
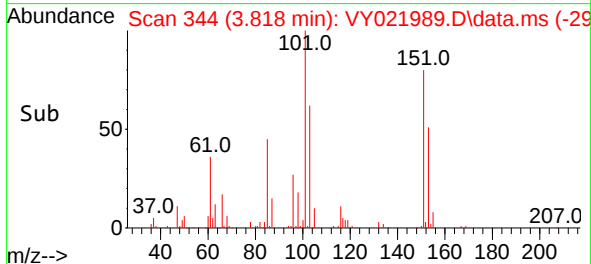
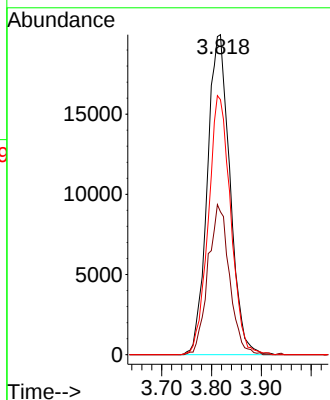
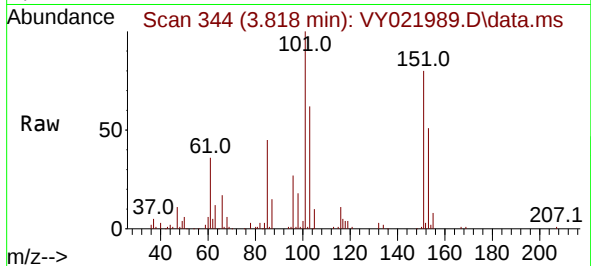
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.546 ug/l
RT: 3.818 min Scan# 343
Delta R.T. 0.006 min
Lab File: VY021989.D
Acq: 24 Apr 2025 09:35

Instrument :
MSVOA_Y
ClientSampleId :
VY0424SBS01

Tgt Ion:101 Resp: 62824
Ion Ratio Lower Upper
101 100
85 44.4 34.6 51.8
151 80.1 63.7 95.5

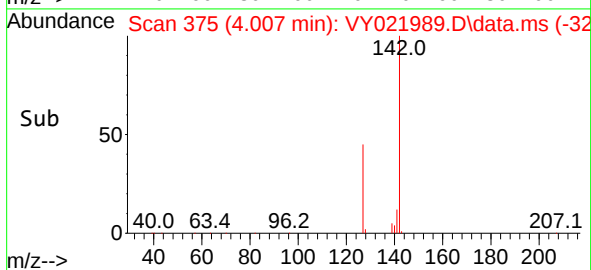
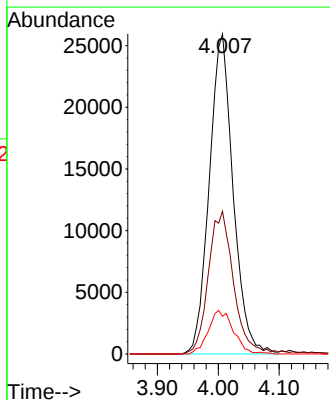
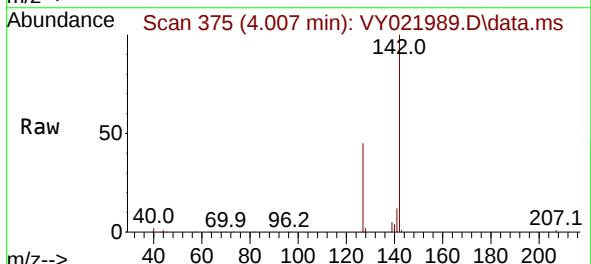
Manual Integrations
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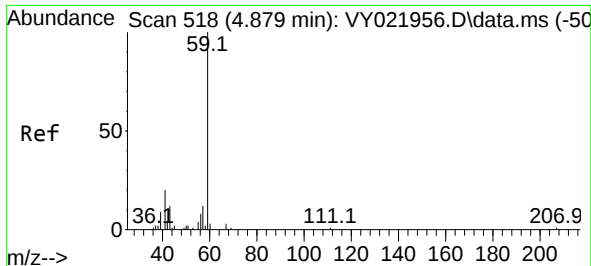
Reviewed By :Mahesh Dadoda 04/25/2025
Supervised By :Semsettin Yesilyurt 04/25/2025



#10
Methyl Iodide
Concen: 18.954 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.006 min
Lab File: VY021989.D
Acq: 24 Apr 2025 09:35

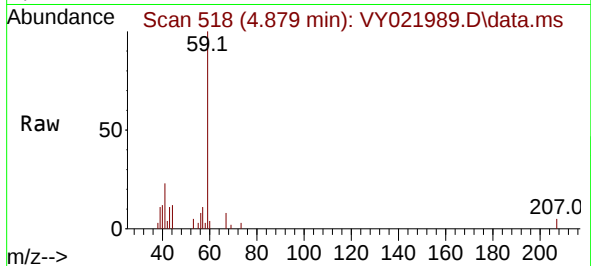
Tgt Ion:142 Resp: 70533
Ion Ratio Lower Upper
142 100
127 47.4 36.2 54.2
141 14.2 11.7 17.5





#11
Tert butyl alcohol
Concen: 100.242 ug/l
RT: 4.879 min Scan# 518
Delta R.T. 0.000 min
Lab File: VY021989.D
Acq: 24 Apr 2025 09:35

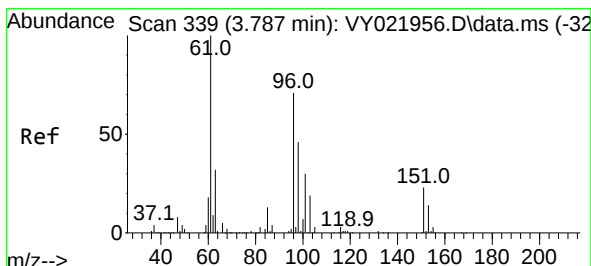
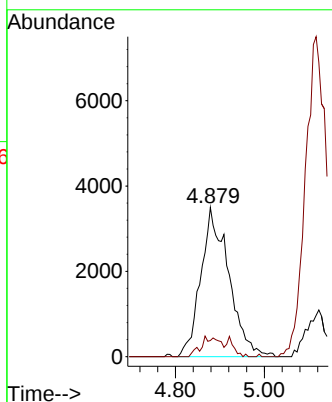
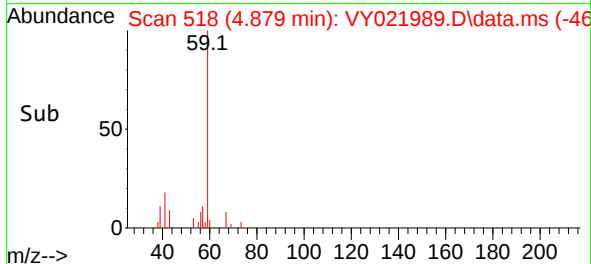
Instrument :
MSVOA_Y
ClientSampleId :
VY0424SBS01



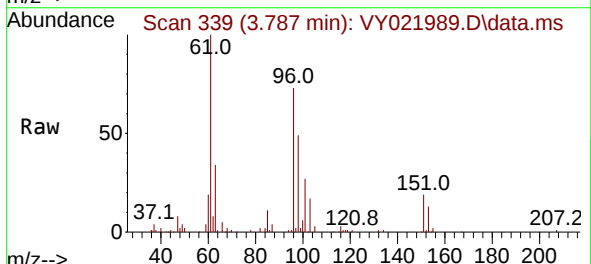
Tgt Ion: 59 Resp: 15319
Ion Ratio Lower Upper
59 100
57 4.9 9.3 13.9

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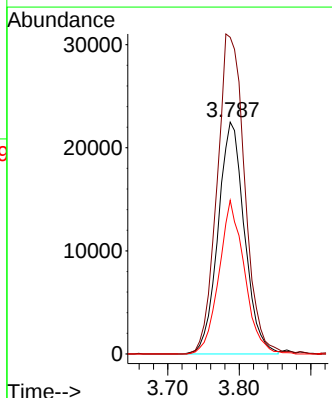
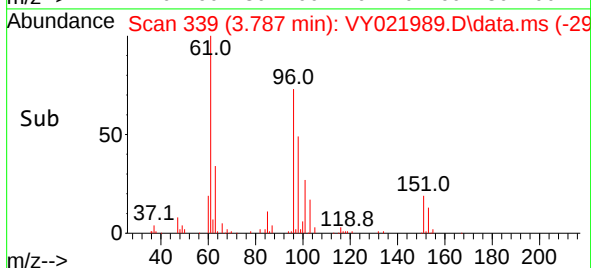
Reviewed By :Mahesh Dadoda 04/25/2025
Supervised By :Semsettin Yesilyurt 04/25/2025

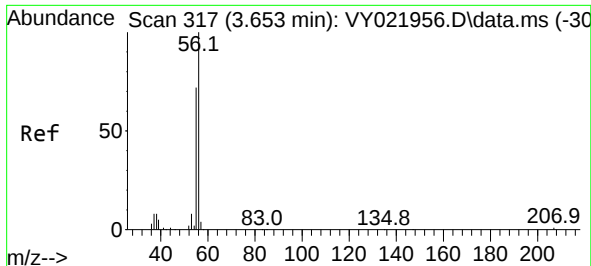


#12
1,1-Dichloroethene
Concen: 19.263 ug/l
RT: 3.787 min Scan# 339
Delta R.T. 0.000 min
Lab File: VY021989.D
Acq: 24 Apr 2025 09:35



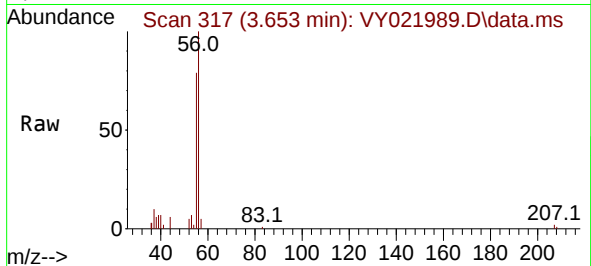
Tgt Ion: 96 Resp: 57710
Ion Ratio Lower Upper
96 100
61 136.5 113.0 169.4
98 66.3 51.4 77.2





#13
Acrolein
Concen: 95.591 ug/l
RT: 3.653 min Scan# 317
Delta R.T. 0.000 min
Lab File: VY021989.D
Acq: 24 Apr 2025 09:35

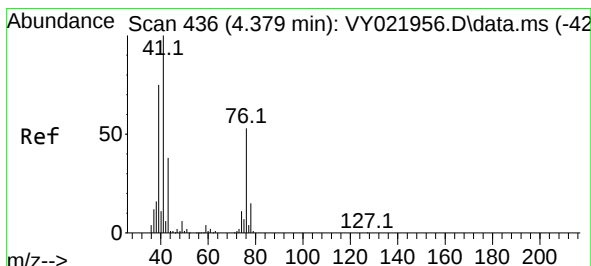
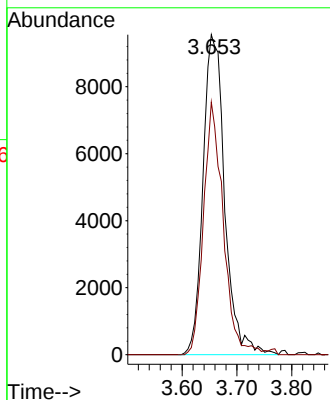
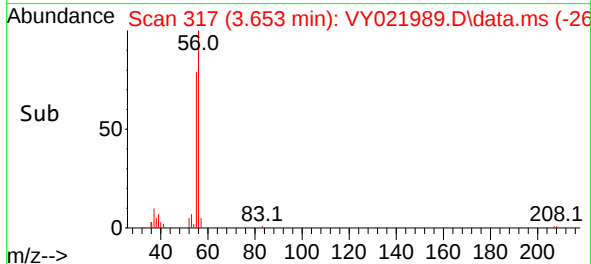
Instrument :
MSVOA_Y
ClientSampleId :
VY0424SBS01



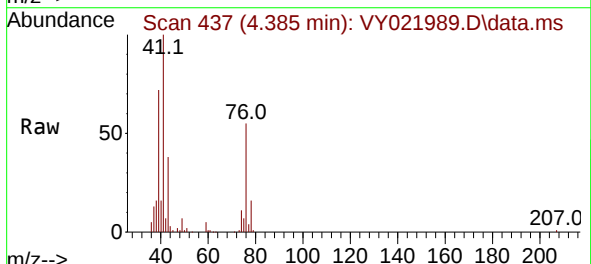
Tgt Ion: 56 Resp: 26219
Ion Ratio Lower Upper
56 100
55 71.9 57.4 86.0

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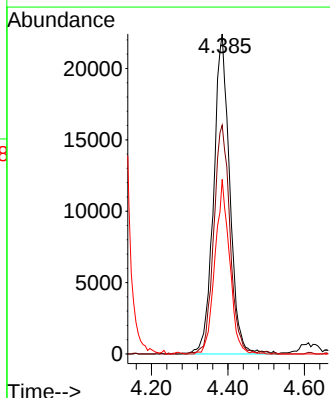
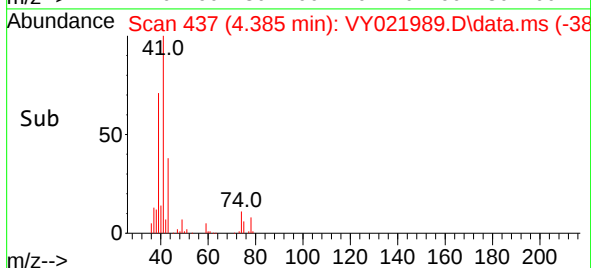
Reviewed By :Mahesh Dadoda 04/25/2025
Supervised By :Semsettin Yesilyurt 04/25/2025

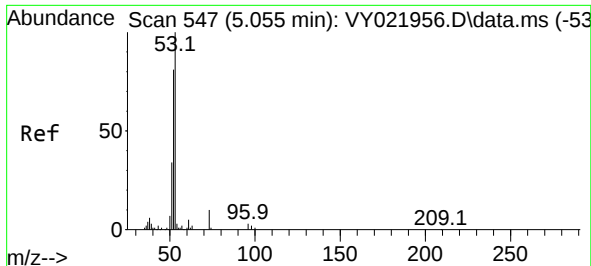


#14
Allyl chloride
Concen: 18.760 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY021989.D
Acq: 24 Apr 2025 09:35



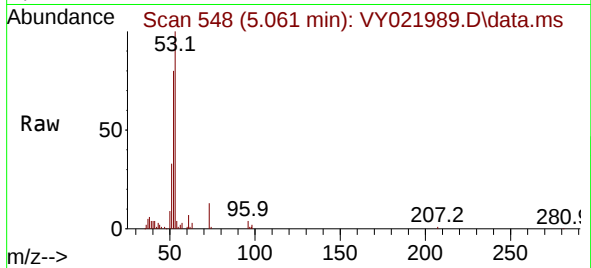
Tgt Ion: 41 Resp: 65441
Ion Ratio Lower Upper
41 100
39 72.1 57.2 85.8
76 49.5 39.7 59.5





#15
Acrylonitrile
Concen: 99.361 ug/l
RT: 5.061 min Scan# 547
Delta R.T. 0.006 min
Lab File: VY021989.D
Acq: 24 Apr 2025 09:35

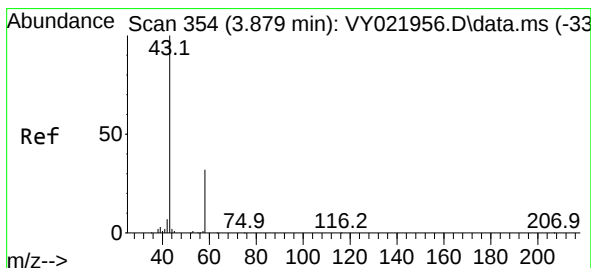
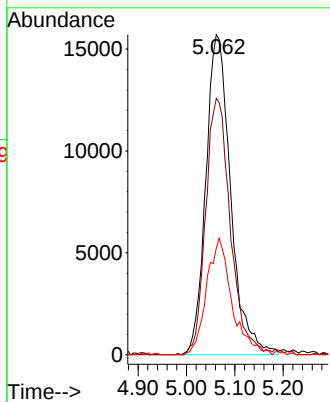
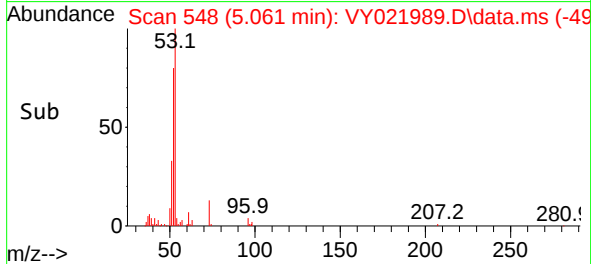
Instrument :
MSVOA_Y
ClientSampleId :
VY0424SBS01



Tgt Ion: 53 Resp: 56090
Ion Ratio Lower Upper
53 100
52 79.6 65.0 97.6
51 36.9 28.9 43.3

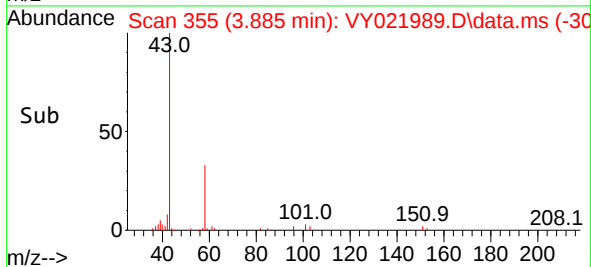
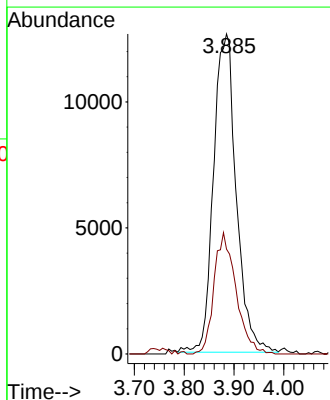
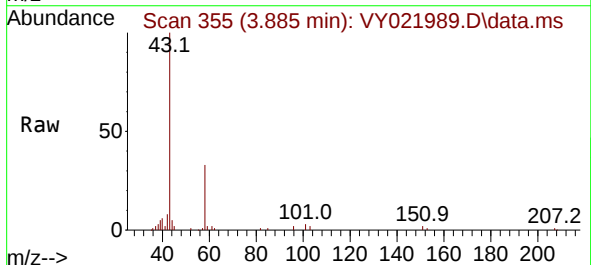
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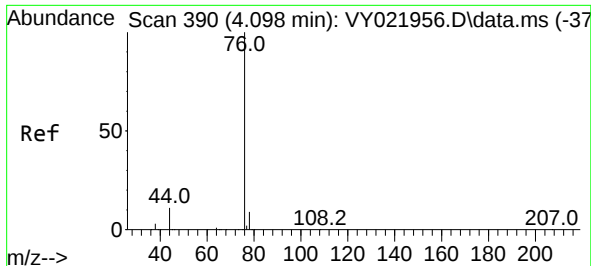
Reviewed By :Mahesh Dadoda 04/25/2025
Supervised By :Semsettin Yesilyurt 04/25/2025



#16
Acetone
Concen: 96.785 ug/l
RT: 3.885 min Scan# 355
Delta R.T. 0.006 min
Lab File: VY021989.D
Acq: 24 Apr 2025 09:35

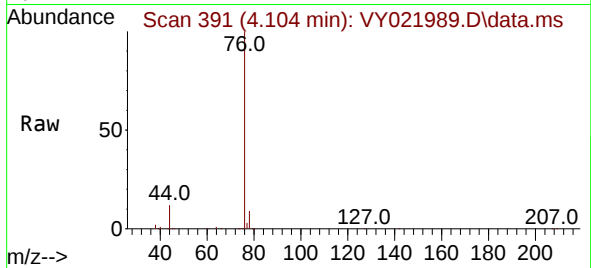
Tgt Ion: 43 Resp: 40034
Ion Ratio Lower Upper
43 100
58 33.0 27.0 40.4





#17
Carbon Disulfide
Concen: 19.798 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.006 min
Lab File: VY021989.D
Acq: 24 Apr 2025 09:35

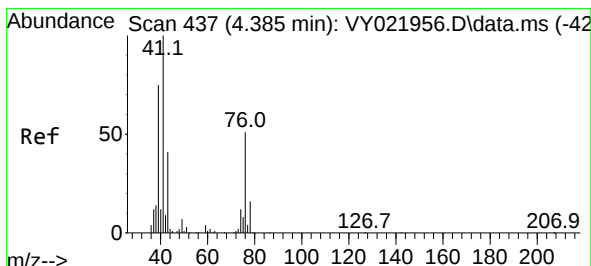
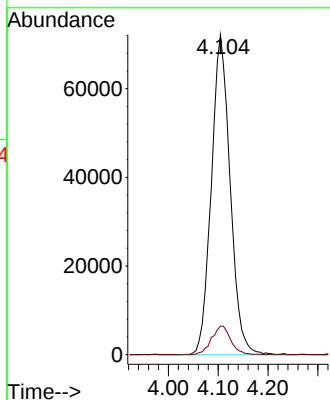
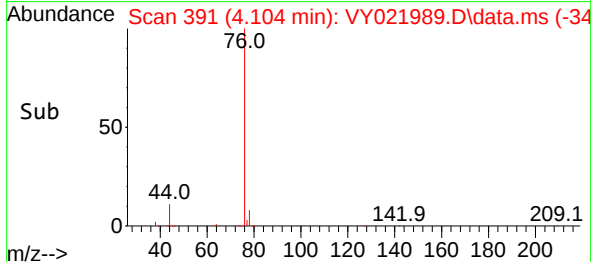
Instrument :
MSVOA_Y
ClientSampleId :
VY0424SBS01



Tgt Ion: 76 Resp: 189114
Ion Ratio Lower Upper
76 100
78 8.9 7.6 11.4

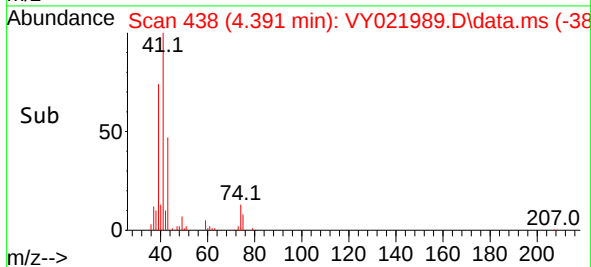
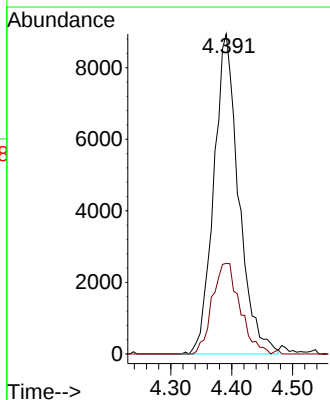
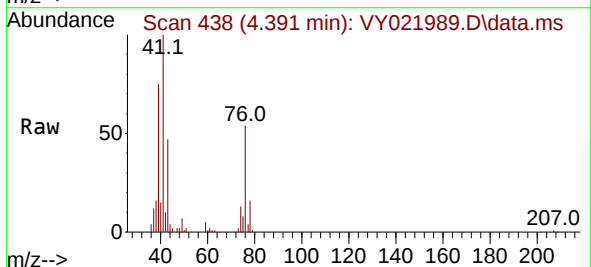
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Reviewed By :Mahesh Dadoda 04/25/2025
Supervised By :Semsettin Yesilyurt 04/25/2025



#18
Methyl Acetate
Concen: 19.566 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.006 min
Lab File: VY021989.D
Acq: 24 Apr 2025 09:35

Tgt Ion: 43 Resp: 25442
Ion Ratio Lower Upper
43 100
74 31.3 24.2 36.4





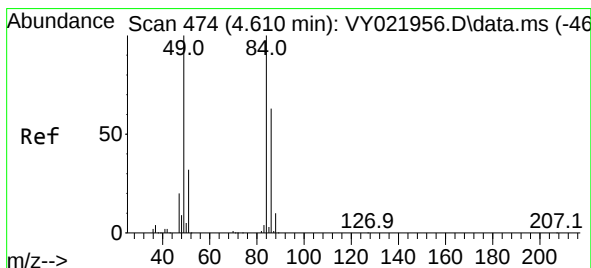
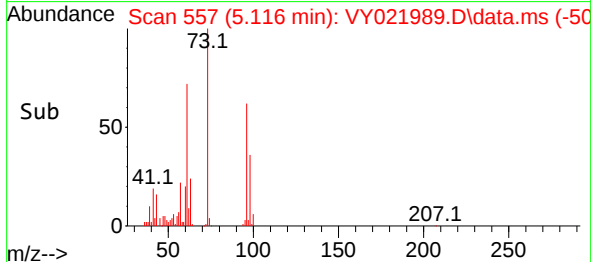
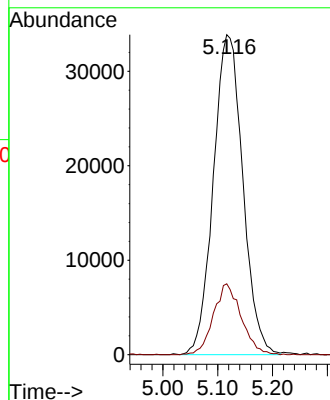
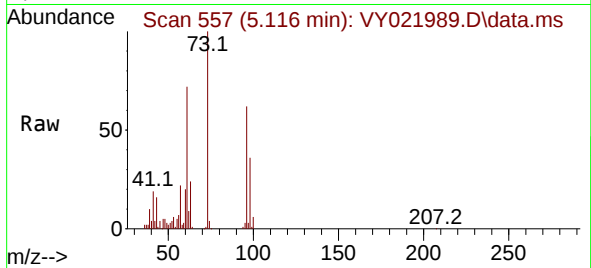
#19
Methyl tert-butyl Ether
Concen: 18.844 ug/l
RT: 5.116 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY021989.D
Acq: 24 Apr 2025 09:35

Instrument :
MSVOA_Y
ClientSampleId :
VY0424SBS01

Tgt Ion: 73 Resp: 126359
Ion Ratio Lower Upper
73 100
57 22.1 16.9 25.3

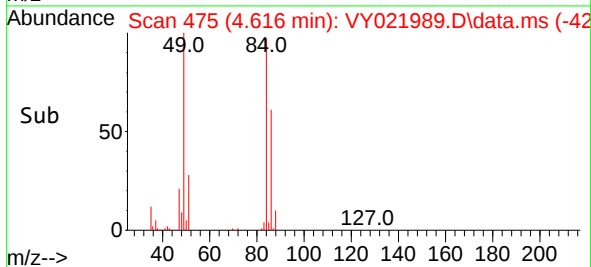
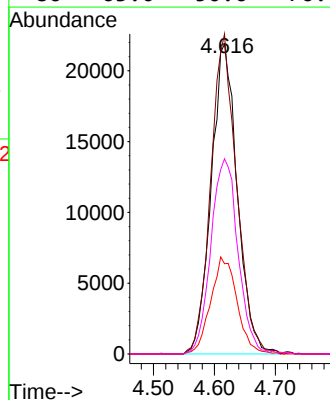
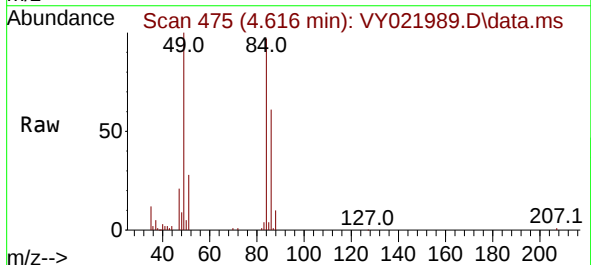
Manual Integrations
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Reviewed By :Mahesh Dadoda 04/25/2025
Supervised By :Semsettin Yesilyurt 04/25/2025



#20
Methylene Chloride
Concen: 18.486 ug/l
RT: 4.616 min Scan# 475
Delta R.T. 0.006 min
Lab File: VY021989.D
Acq: 24 Apr 2025 09:35

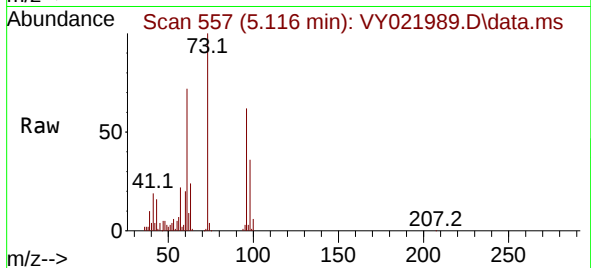
Tgt Ion: 84 Resp: 65067
Ion Ratio Lower Upper
84 100
49 103.3 79.9 119.9
51 29.2 25.4 38.0
86 63.0 50.6 76.0





#21
trans-1,2-Dichloroethene
Concen: 19.303 ug/l
RT: 5.116 min Scan# 511
Delta R.T. 0.012 min
Lab File: VY021989.D
Acq: 24 Apr 2025 09:35

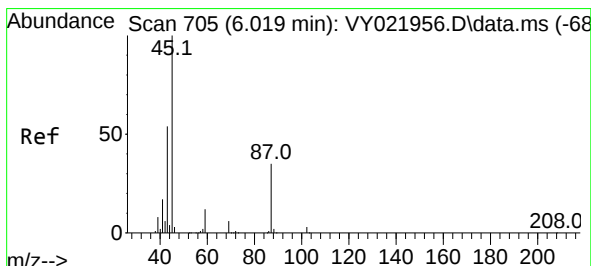
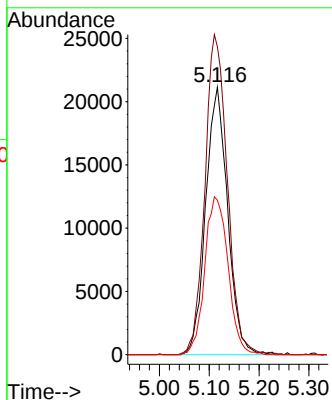
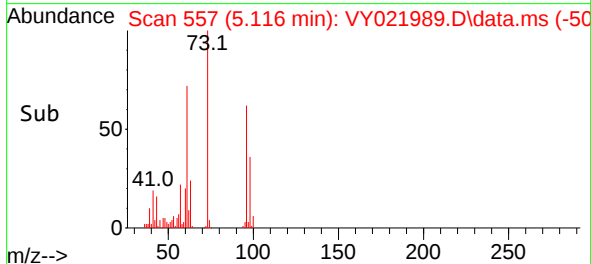
Instrument :
MSVOA_Y
ClientSampleId :
VY0424SBS01



Tgt Ion: 96 Resp: 64760
Ion Ratio Lower Upper
96 100
61 115.2 92.6 138.8
98 57.8 50.2 75.4

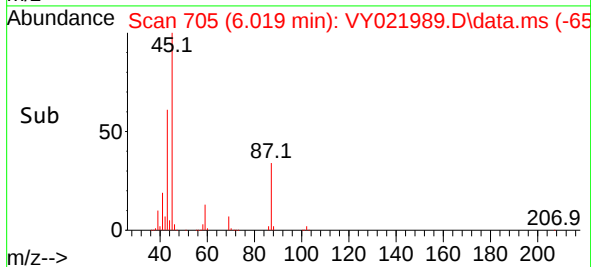
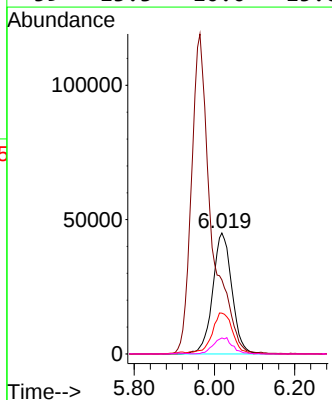
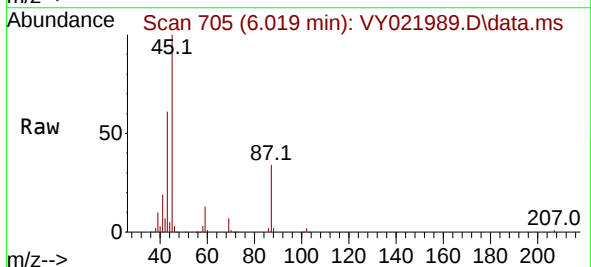
Manual Integrations
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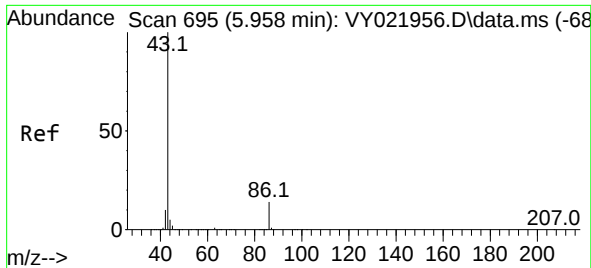
Reviewed By :Mahesh Dadoda 04/25/2025
Supervised By :Semsettin Yesilyurt 04/25/2025



#22
Diisopropyl ether
Concen: 19.333 ug/l
RT: 6.019 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY021989.D
Acq: 24 Apr 2025 09:35

Tgt Ion: 45 Resp: 150085
Ion Ratio Lower Upper
45 100
43 60.8 43.6 65.4
87 33.7 28.2 42.4
59 13.3 10.0 15.0





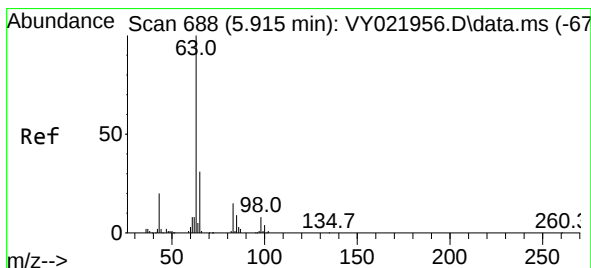
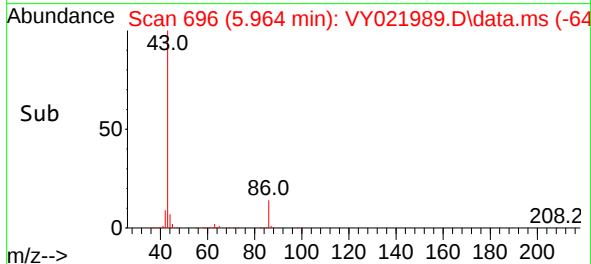
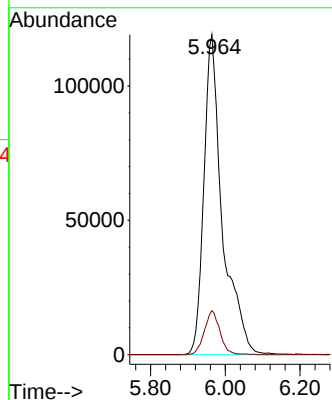
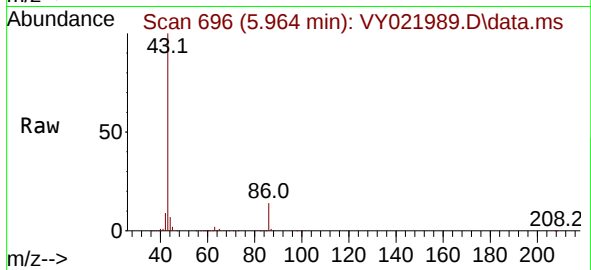
#23
 Vinyl Acetate
 Concen: 98.019 ug/l
 RT: 5.964 min Scan# 695
 Delta R.T. 0.006 min
 Lab File: VY021989.D
 Acq: 24 Apr 2025 09:35

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0424SBS01

Tgt Ion: 43 Resp: 41008
 Ion Ratio Lower Upper
 43 100
 86 13.8 11.1 16.7

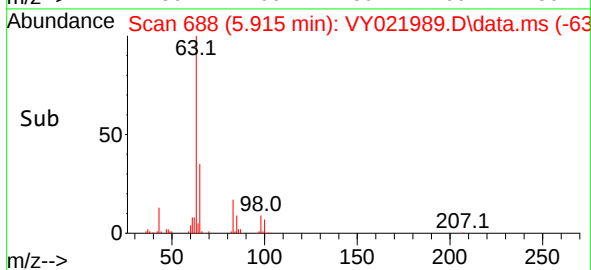
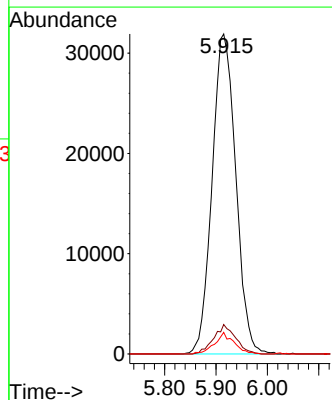
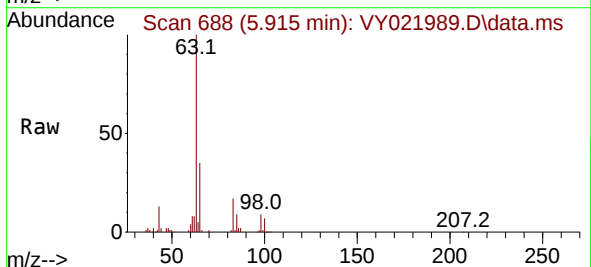
Manual Integrations
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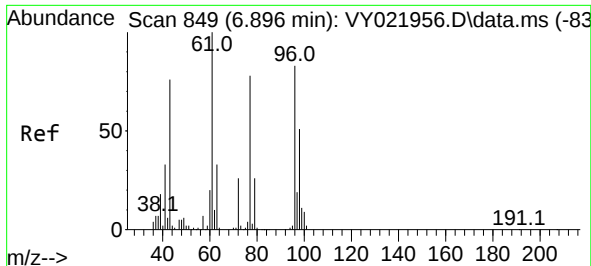
Reviewed By :Mahesh Dadoda 04/25/2025
 Supervised By :Semsettin Yesilyurt 04/25/2025



#24
 1,1-Dichloroethane
 Concen: 18.976 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. 0.000 min
 Lab File: VY021989.D
 Acq: 24 Apr 2025 09:35

Tgt Ion: 63 Resp: 102107
 Ion Ratio Lower Upper
 63 100
 98 9.2 4.0 11.9
 100 6.7 2.0 6.0#





#25

2-Butanone

Concen: 99.453 ug/l

RT: 6.897 min Scan# 849

Delta R.T. 0.000 min

Lab File: VY021989.D

Acq: 24 Apr 2025 09:35

Instrument :

MSVOA_Y

ClientSampleId :

VY0424SBS01

Tgt Ion: 43 Resp: 6310

Ion Ratio Lower Upper

43 100

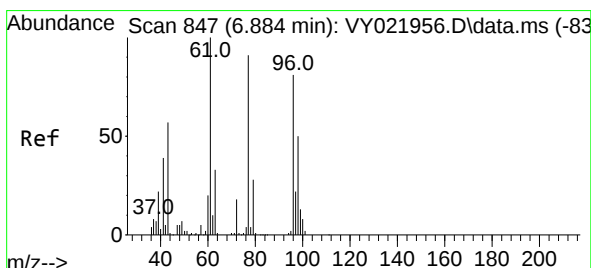
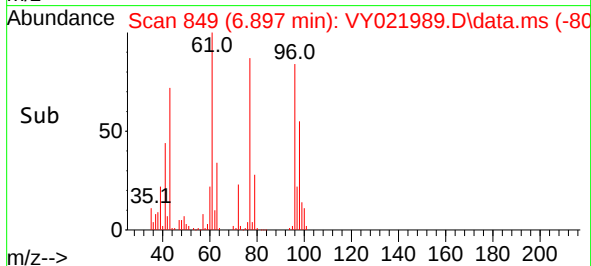
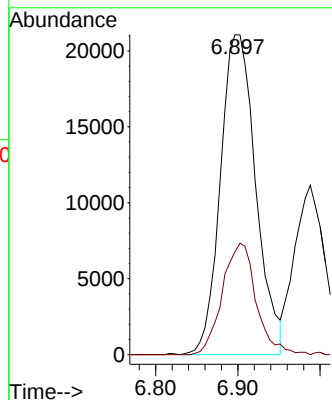
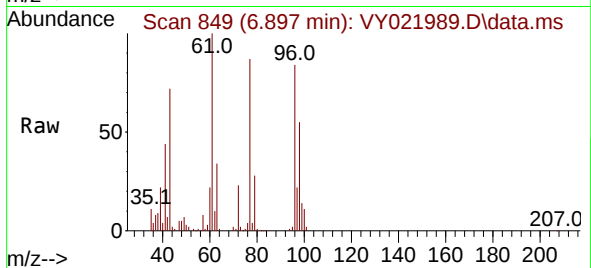
72 32.2 27.0 40.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/25/2025

Supervised By :Semsettin Yesilyurt 04/25/2025



#26

2,2-Dichloropropane

Concen: 19.575 ug/l

RT: 6.884 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY021989.D

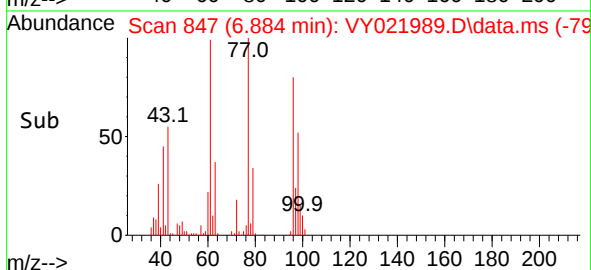
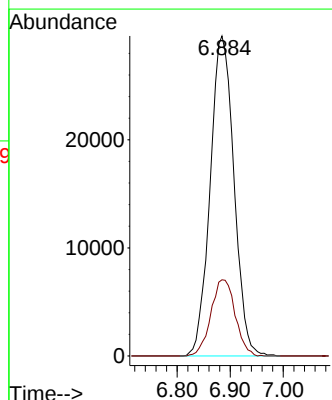
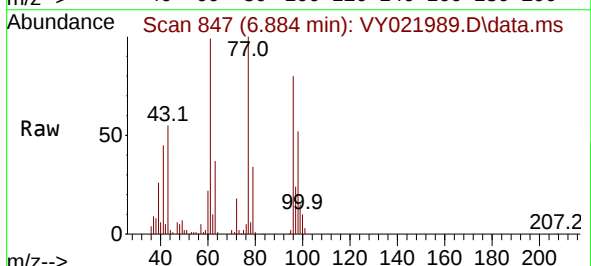
Acq: 24 Apr 2025 09:35

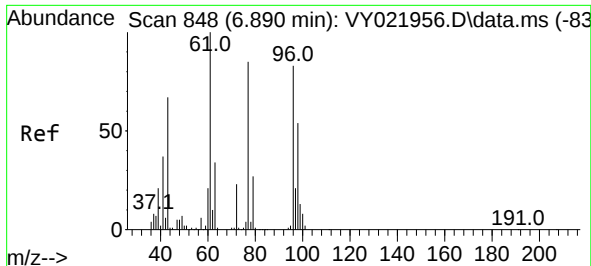
Tgt Ion: 77 Resp: 92320

Ion Ratio Lower Upper

77 100

97 24.3 12.4 37.4





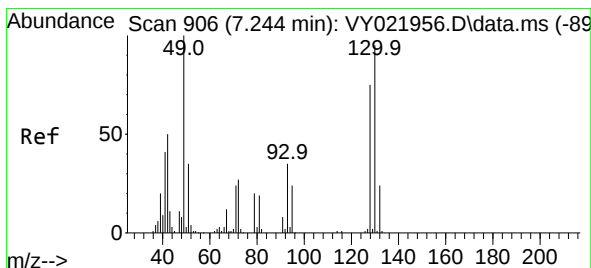
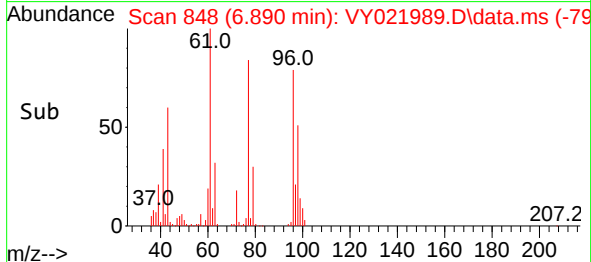
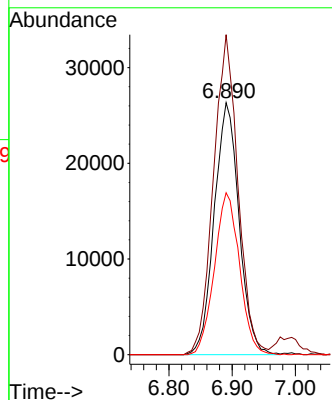
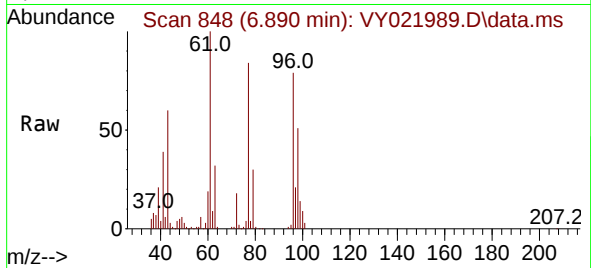
#27
 cis-1,2-Dichloroethene
 Concen: 19.091 ug/l
 RT: 6.890 min Scan# 848
 Delta R.T. 0.000 min
 Lab File: VY021989.D
 Acq: 24 Apr 2025 09:35

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0424SBS01

Tgt Ion: 96 Resp: 7162
 Ion Ratio Lower Upper
 96 100
 61 125.6 0.0 251.4
 98 65.0 0.0 128.4

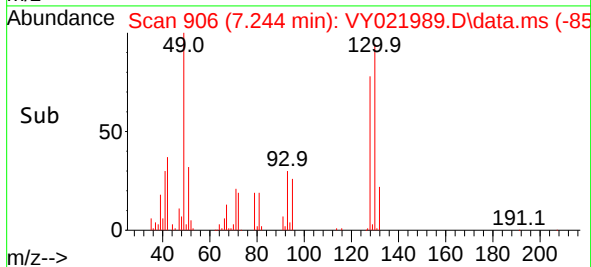
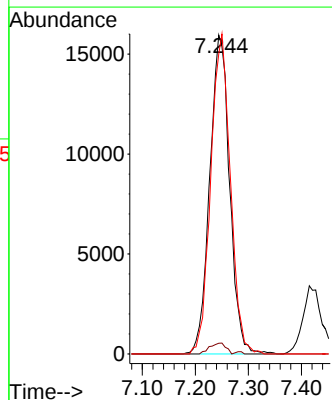
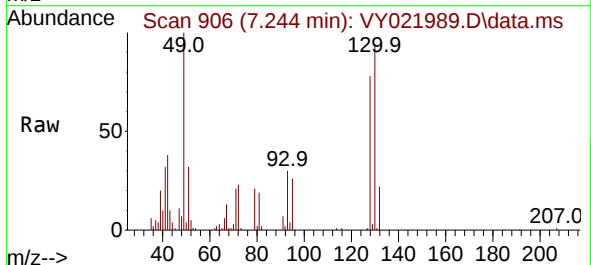
Manual Integrations
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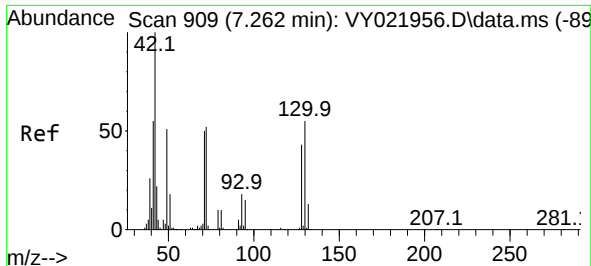
Reviewed By :Mahesh Dadoda 04/25/2025
 Supervised By :Semsettin Yesilyurt 04/25/2025



#28
 Bromochloromethane
 Concen: 19.884 ug/l
 RT: 7.244 min Scan# 906
 Delta R.T. 0.000 min
 Lab File: VY021989.D
 Acq: 24 Apr 2025 09:35

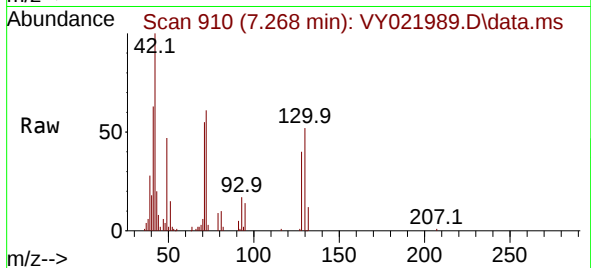
Tgt Ion: 49 Resp: 41560
 Ion Ratio Lower Upper
 49 100
 129 2.8 0.0 5.0
 130 99.0 78.2 117.4





#29
Tetrahydrofuran
Concen: 97.916 ug/l
RT: 7.268 min Scan# 910
Delta R.T. 0.006 min
Lab File: VY021989.D
Acq: 24 Apr 2025 09:35

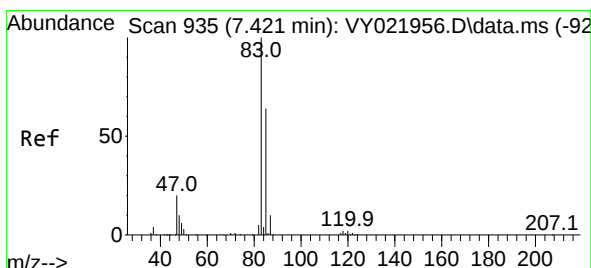
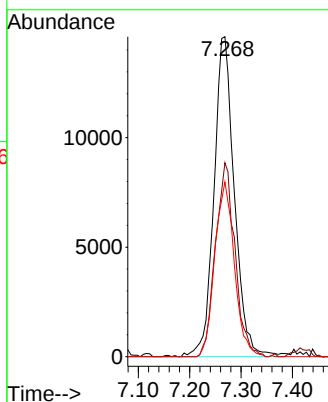
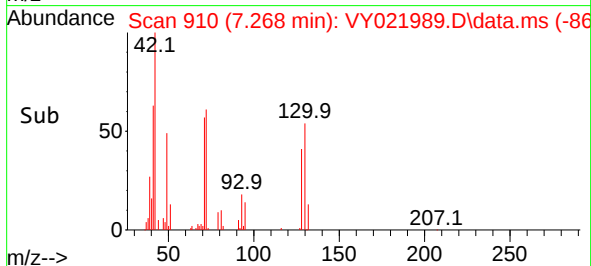
Instrument :
MSVOA_Y
ClientSampleId :
VY0424SBS01



Tgt Ion: 42 Resp: 40352
Ion Ratio Lower Upper
42 100
72 58.1 42.6 63.8
71 52.4 40.6 61.0

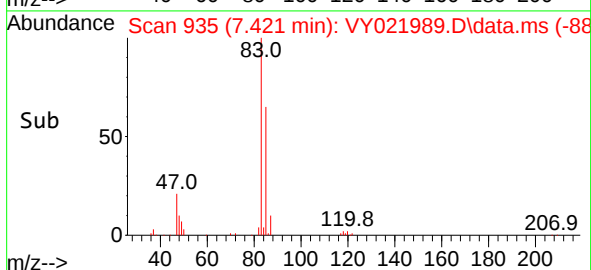
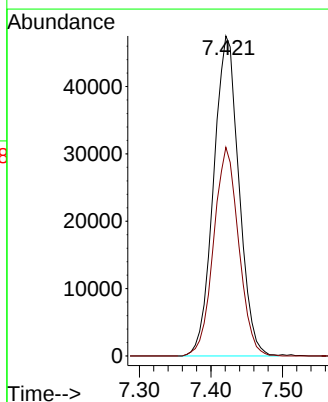
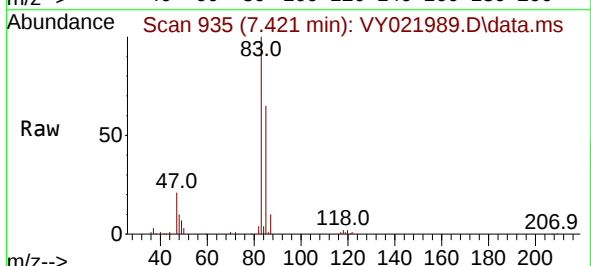
Manual Integrations
APPROVED

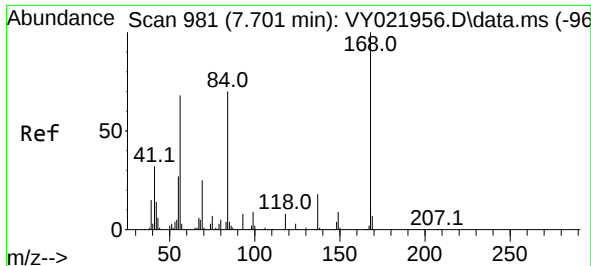
Reviewed By :Mahesh Dadoda 04/25/2025
Supervised By :Semsettin Yesilyurt 04/25/2025



#30
Chloroform
Concen: 19.598 ug/l
RT: 7.421 min Scan# 935
Delta R.T. 0.000 min
Lab File: VY021989.D
Acq: 24 Apr 2025 09:35

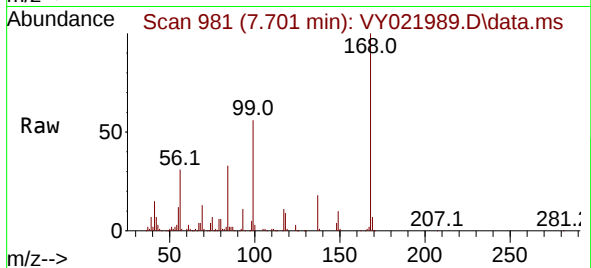
Tgt Ion: 83 Resp: 116975
Ion Ratio Lower Upper
83 100
85 65.2 51.3 76.9





#31
Cyclohexane
Concen: 19.243 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY021989.D
Acq: 24 Apr 2025 09:35

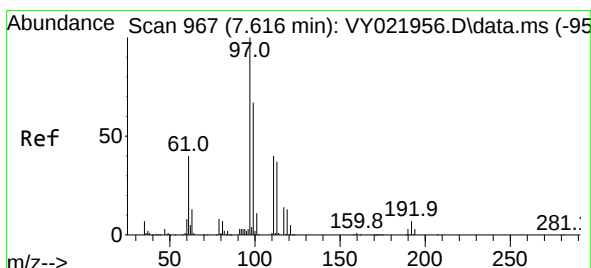
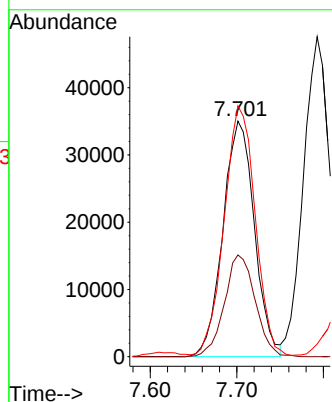
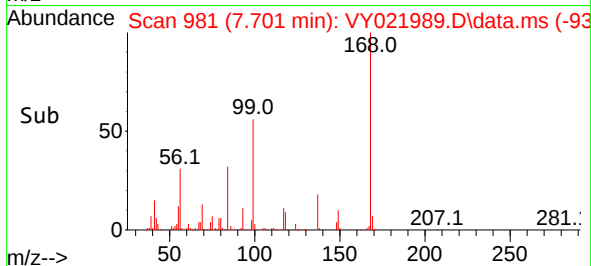
Instrument :
MSVOA_Y
ClientSampleId :
VY0424SBS01



Tgt Ion: 56 Resp: 88549
Ion Ratio Lower Upper
56 100
69 43.2 29.4 44.2
84 105.4 82.2 123.4

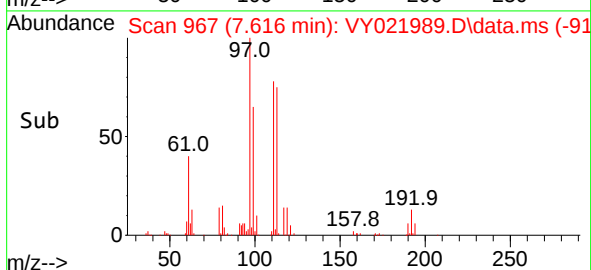
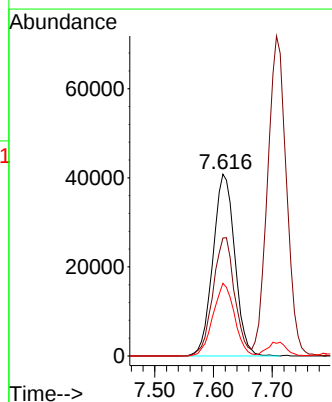
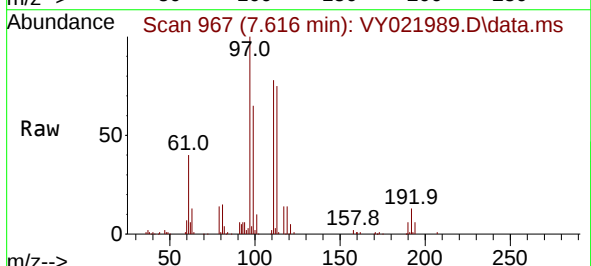
Manual Integrations
APPROVED

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



#32
1,1,1-Trichloroethane
Concen: 19.532 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY021989.D
Acq: 24 Apr 2025 09:35

Tgt Ion: 97 Resp: 105471
Ion Ratio Lower Upper
97 100
99 64.6 51.4 77.2
61 39.3 31.4 47.2





#33

1,2-Dichloroethane-d4

Concen: 49.037 ug/l

RT: 8.061 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY021989.D

Acq: 24 Apr 2025 09:35

Instrument :

MSVOA_Y

ClientSampleId :

VY0424SBS01

Tgt Ion: 65 Resp: 13650

Ion Ratio Lower Upper

65 100

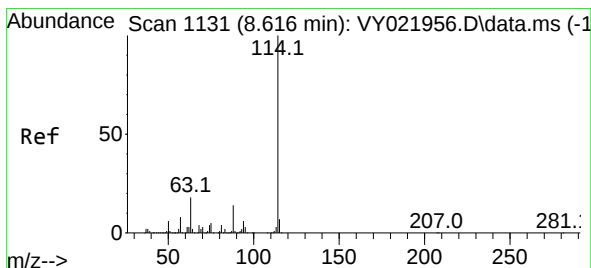
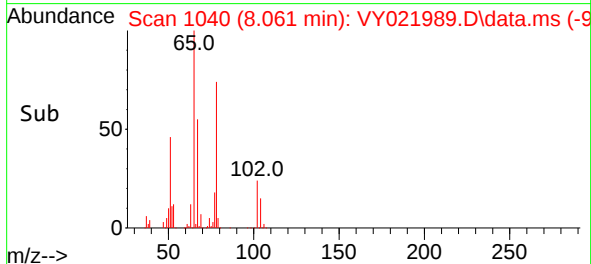
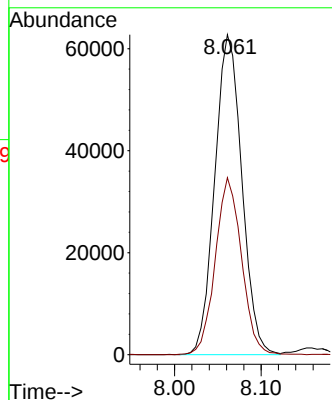
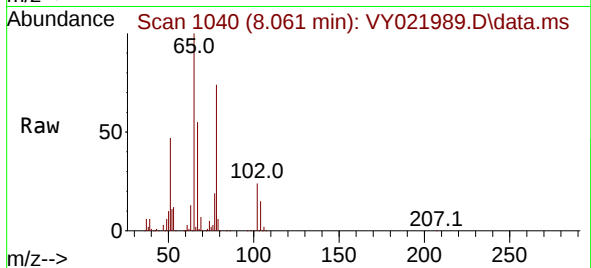
67 53.5 0.0 105.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/25/2025

Supervised By :Semsettin Yesilyurt 04/25/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY021989.D

Acq: 24 Apr 2025 09:35

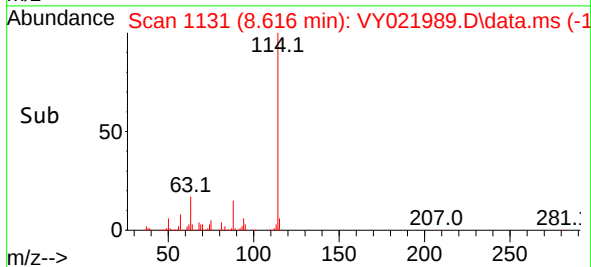
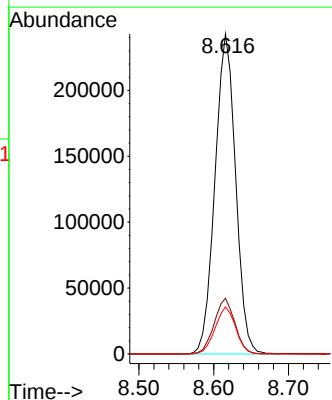
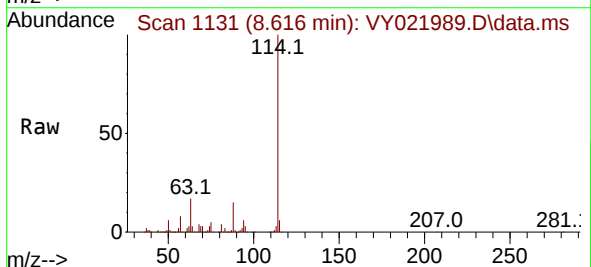
Tgt Ion:114 Resp: 465636

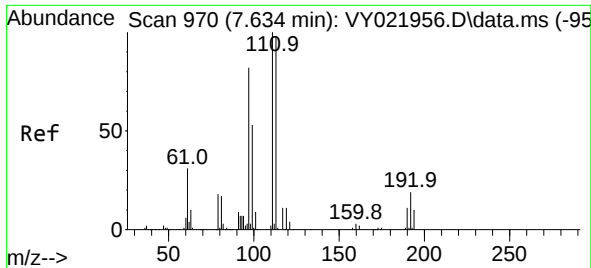
Ion Ratio Lower Upper

114 100

63 17.4 0.0 35.4

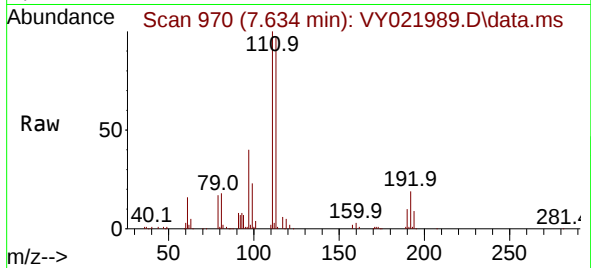
88 14.7 0.0 28.2





#35
Dibromofluoromethane
Concen: 48.806 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021989.D
Acq: 24 Apr 2025 09:35

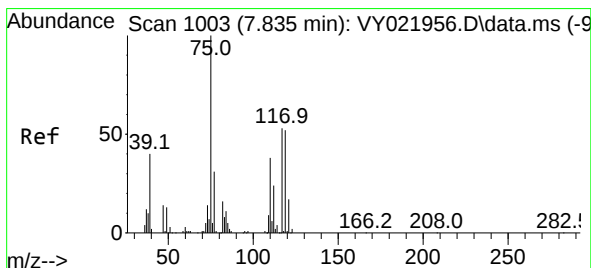
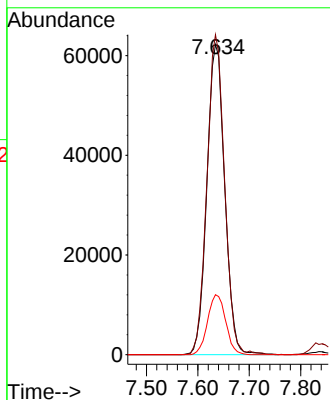
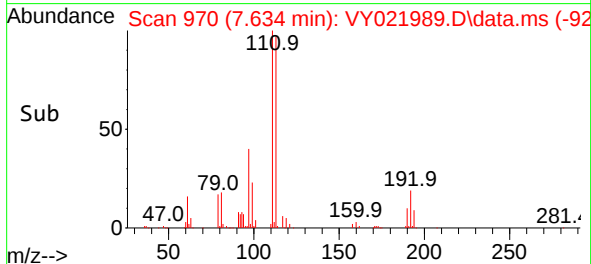
Instrument :
MSVOA_Y
ClientSampleId :
VY0424SBS01



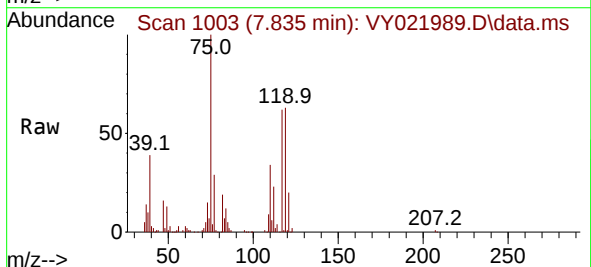
Tgt Ion: 113 Resp: 150138
Ion Ratio Lower Upper
113 100
111 102.2 81.8 122.8
192 19.6 15.6 23.4

Manual Integrations
APPROVED

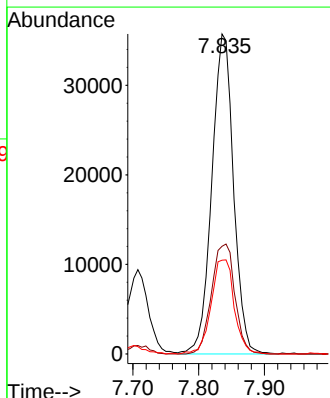
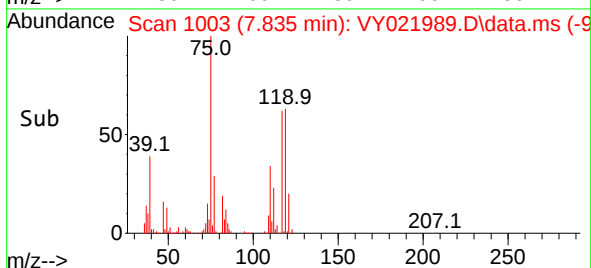
Reviewed By :Mahesh Dadoda 04/25/2025
Supervised By :Semsettin Yesilyurt 04/25/2025

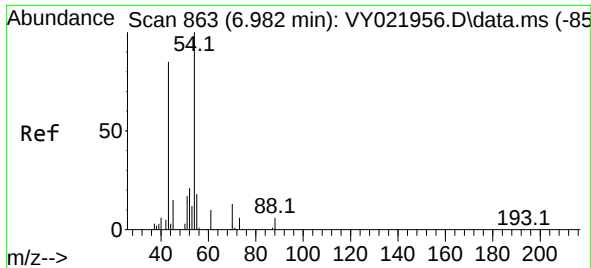


#36
1,1-Dichloropropene
Concen: 19.867 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.000 min
Lab File: VY021989.D
Acq: 24 Apr 2025 09:35



Tgt Ion: 75 Resp: 82094
Ion Ratio Lower Upper
75 100
110 36.9 19.1 57.3
77 31.4 25.5 38.3





#37

Ethyl Acetate

Concen: 20.183 ug/l

RT: 6.988 min Scan# 80

Delta R.T. 0.006 min

Lab File: VY021989.D

Acq: 24 Apr 2025 09:35

Instrument :

MSVOA_Y

ClientSampleId :

VY0424SBS01

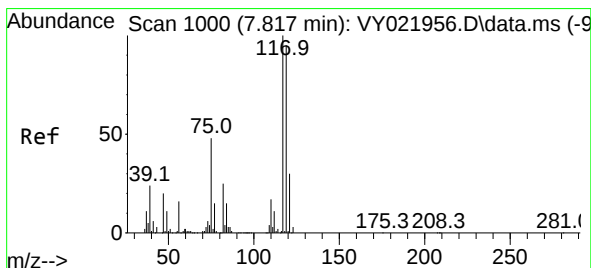
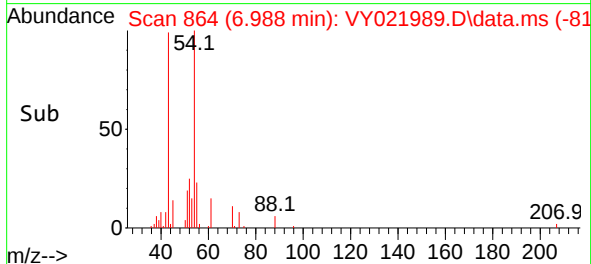
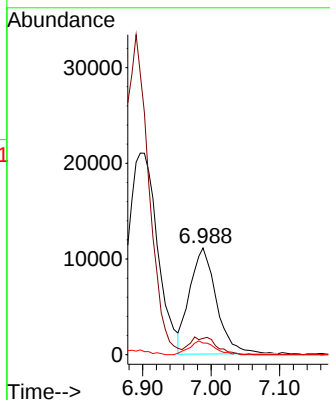
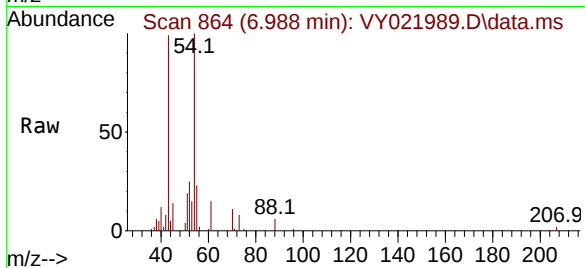
Tgt Ion: 43 Resp: 29954

Ion	Ratio	Lower	Upper
43	100		
61	16.5	13.8	20.6
70	11.9	9.2	13.8

Manual Integrations

APPROVED

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



#38

Carbon Tetrachloride

Concen: 19.894 ug/l

RT: 7.817 min Scan# 1000

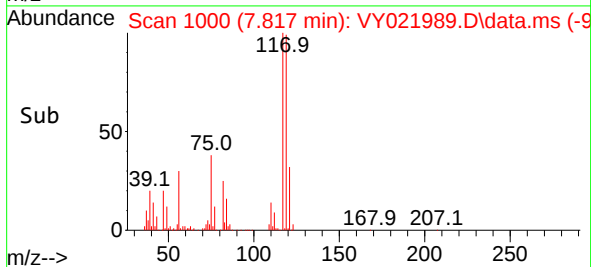
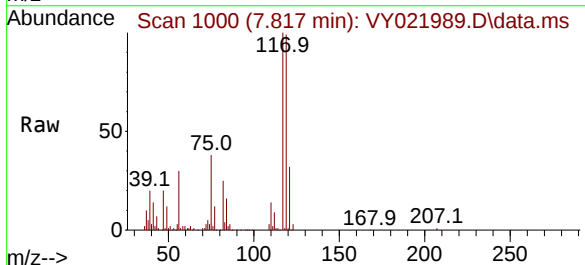
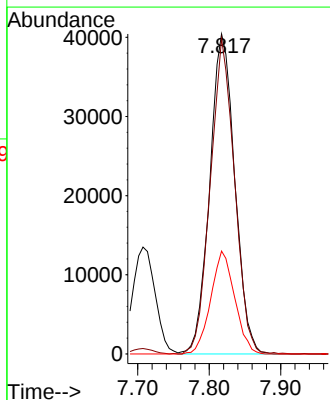
Delta R.T. 0.000 min

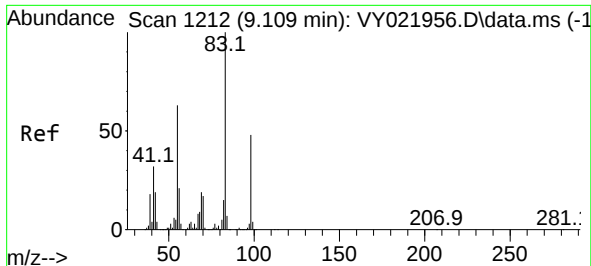
Lab File: VY021989.D

Acq: 24 Apr 2025 09:35

Tgt Ion:117 Resp: 98232

Ion	Ratio	Lower	Upper
117	100		
119	98.6	76.2	114.4
121	32.1	24.0	36.0





#39

Methylcyclohexane

Concen: 19.041 ug/l

RT: 9.110 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY021989.D

Acq: 24 Apr 2025 09:35

Instrument :

MSVOA_Y

ClientSampleId :

VY0424SBS01

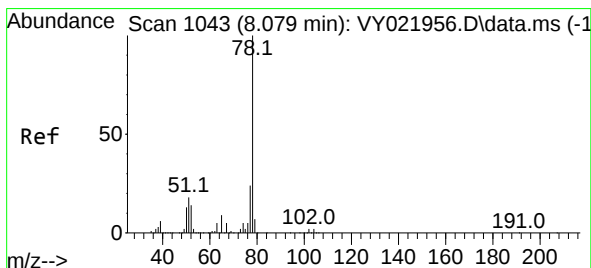
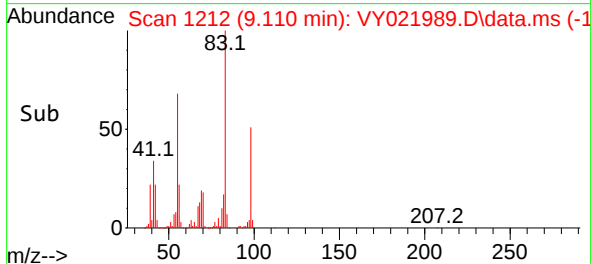
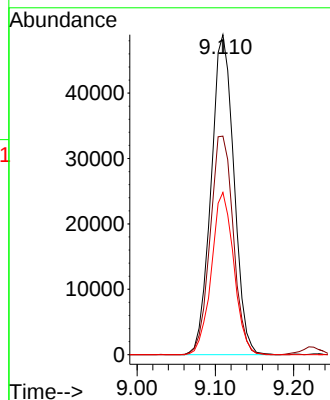
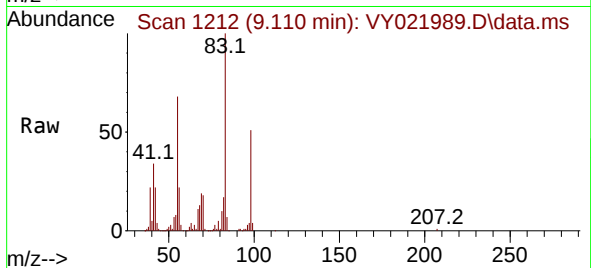
Tgt Ion: 83 Resp: 9901

Ion	Ratio	Lower	Upper
83	100		
55	68.3	50.6	75.8
98	50.7	38.6	58.0

Manual Integrations

APPROVED

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



#40

Benzene

Concen: 19.726 ug/l

RT: 8.079 min Scan# 1043

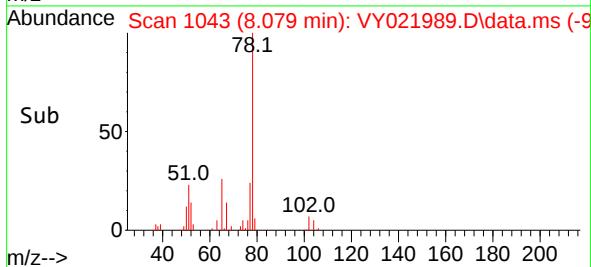
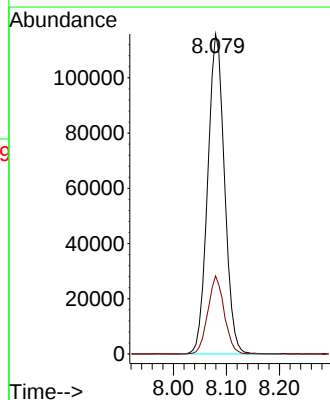
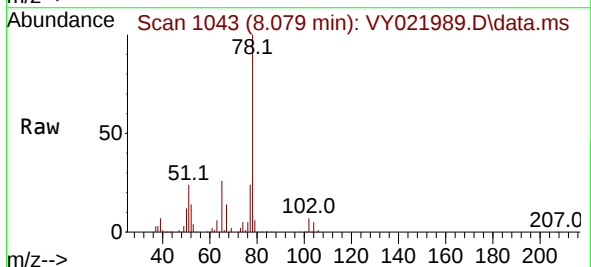
Delta R.T. 0.000 min

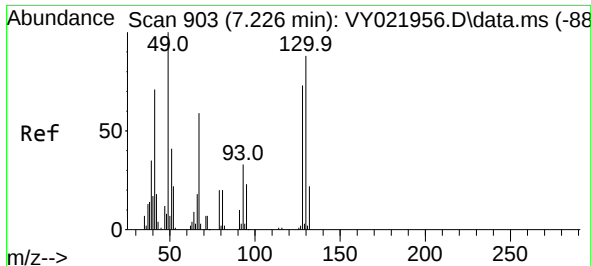
Lab File: VY021989.D

Acq: 24 Apr 2025 09:35

Tgt Ion: 78 Resp: 254804

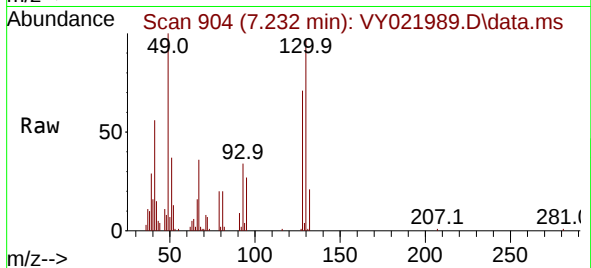
Ion	Ratio	Lower	Upper
78	100		
77	24.4	19.3	28.9





#41
Methacrylonitrile
Concen: 20.816 ug/l
RT: 7.232 min Scan# 903
Delta R.T. 0.006 min
Lab File: VY021989.D
Acq: 24 Apr 2025 09:35

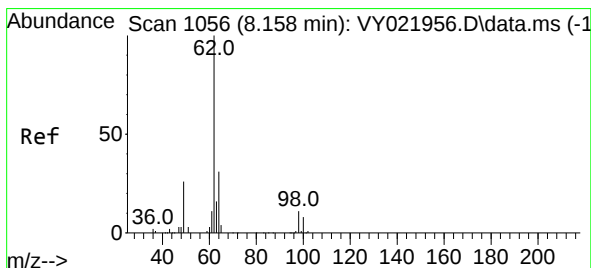
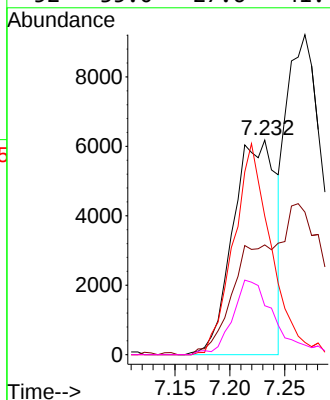
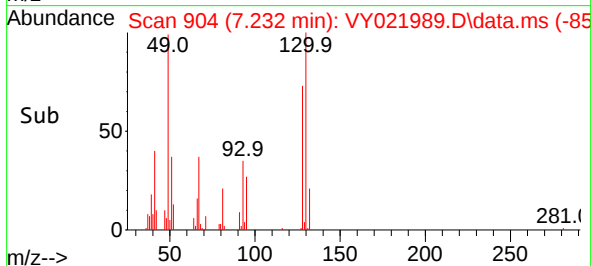
Instrument :
MSVOA_Y
ClientSampleId :
VY0424SBS01



Tgt Ion: 41 Resp: 1688
Ion Ratio Lower Upper
41 100
39 0.0 36.6 55.0
67 86.1 72.2 108.4
52 35.0 27.6 41.4

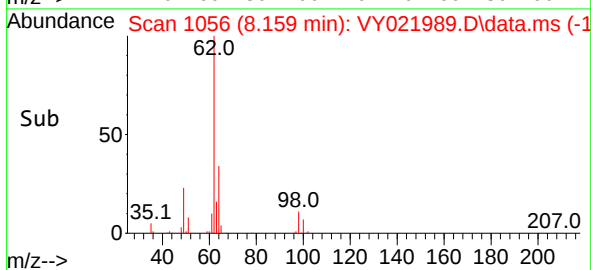
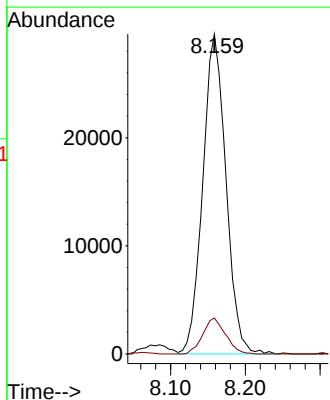
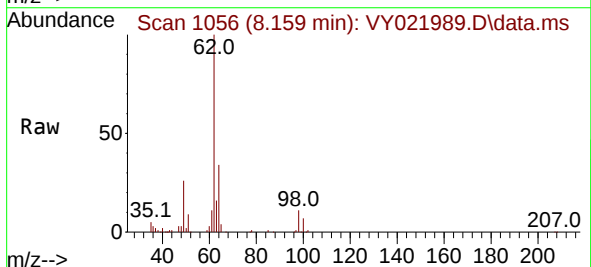
Manual Integrations
APPROVED

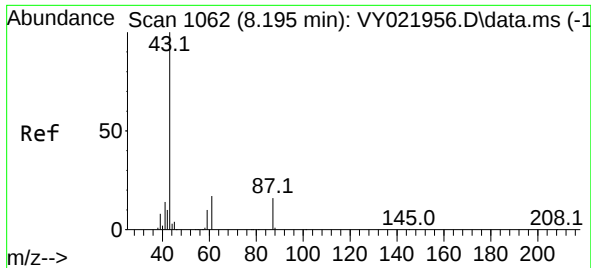
Reviewed By :Mahesh Dadoda 04/25/2025
Supervised By :Semsettin Yesilyurt 04/25/2025



#42
1,2-Dichloroethane
Concen: 19.948 ug/l
RT: 8.159 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY021989.D
Acq: 24 Apr 2025 09:35

Tgt Ion: 62 Resp: 63796
Ion Ratio Lower Upper
62 100
98 11.0 0.0 22.0





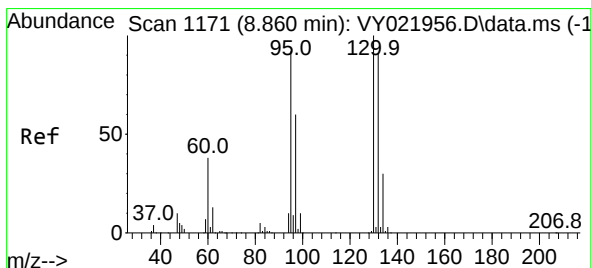
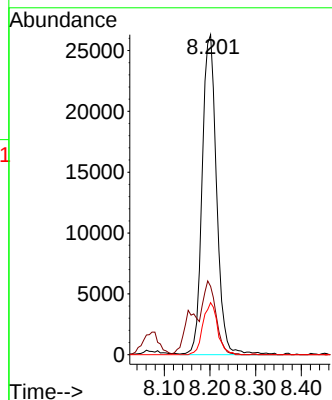
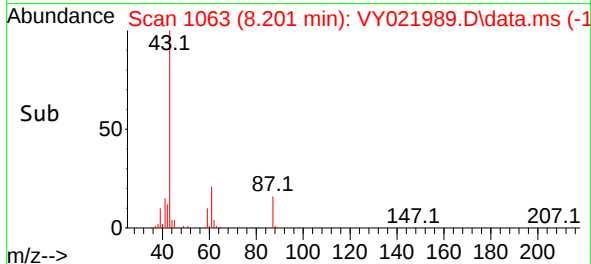
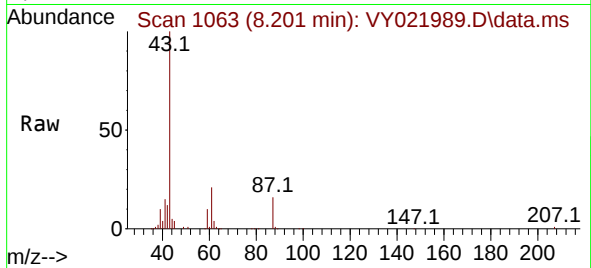
#43
Isopropyl Acetate
Concen: 20.151 ug/l
RT: 8.201 min Scan# 1063
Delta R.T. 0.006 min
Lab File: VY021989.D
Acq: 24 Apr 2025 09:35

Instrument : MSVOA_Y
ClientSampleId : VY0424SBS01

Tgt Ion: 43 Resp: 5743
Ion Ratio Lower Upper
43 100
61 21.0 18.9 28.3
87 16.5 13.7 20.5

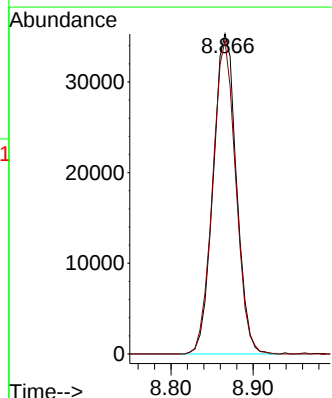
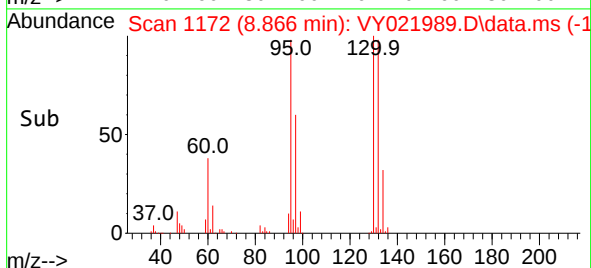
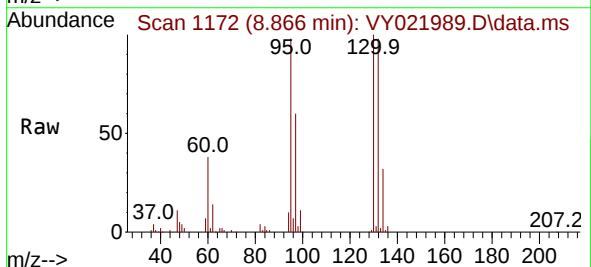
Manual Integrations
APPROVED

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



#44
Trichloroethene
Concen: 19.335 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.006 min
Lab File: VY021989.D
Acq: 24 Apr 2025 09:35

Tgt Ion:130 Resp: 69178
Ion Ratio Lower Upper
130 100
95 98.0 0.0 183.2





#45

1,2-Dichloropropane

Concen: 19.243 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY021989.D

Acq: 24 Apr 2025 09:35

Instrument :

MSVOA_Y

ClientSampleId :

VY0424SBS01

Tgt Ion: 63 Resp: 54970

Ion Ratio Lower Upper

63 100

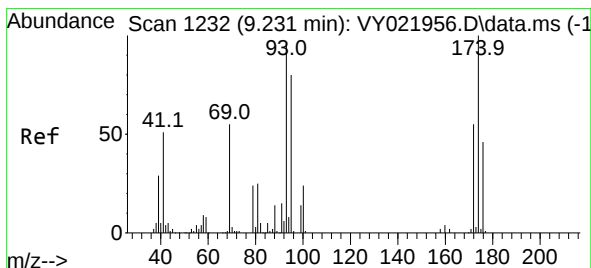
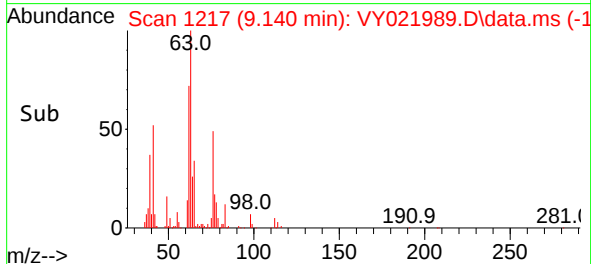
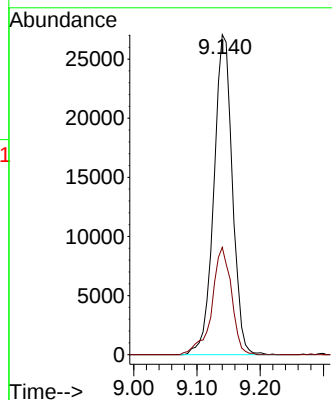
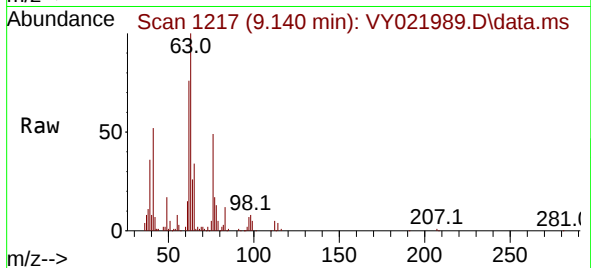
65 33.5 25.2 37.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/25/2025

Supervised By :Semsettin Yesilyurt 04/25/2025



#46

Dibromomethane

Concen: 19.812 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY021989.D

Acq: 24 Apr 2025 09:35

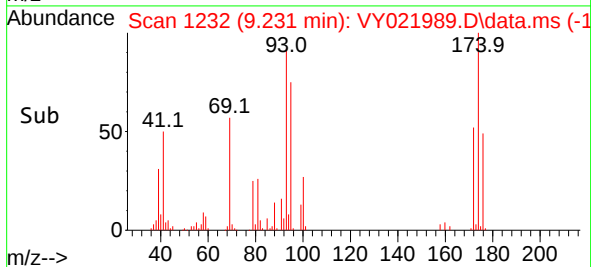
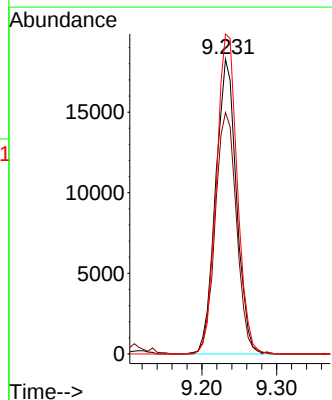
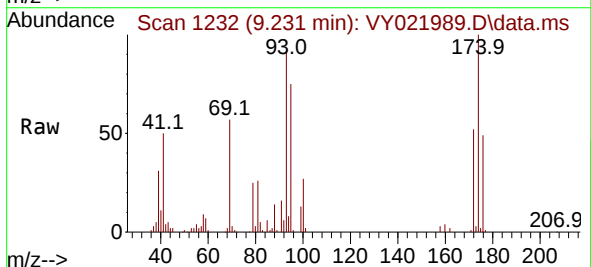
Tgt Ion: 93 Resp: 35427

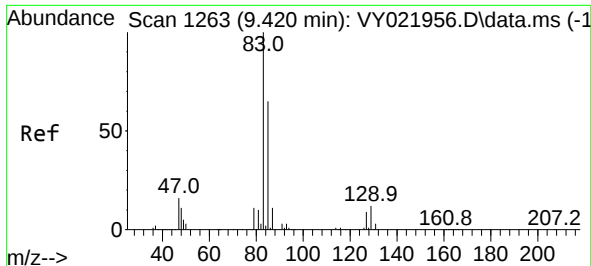
Ion Ratio Lower Upper

93 100

95 83.7 66.7 100.1

174 108.5 84.6 127.0





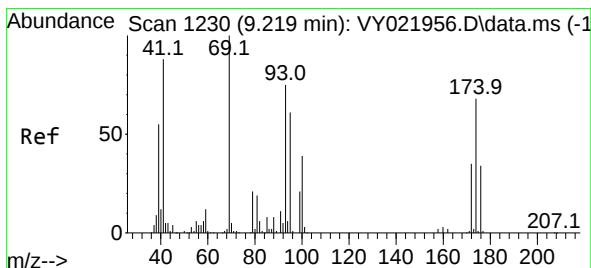
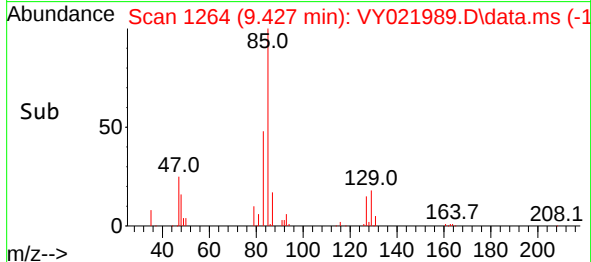
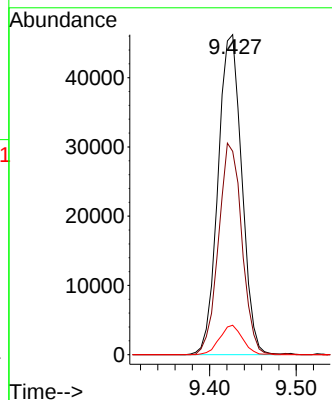
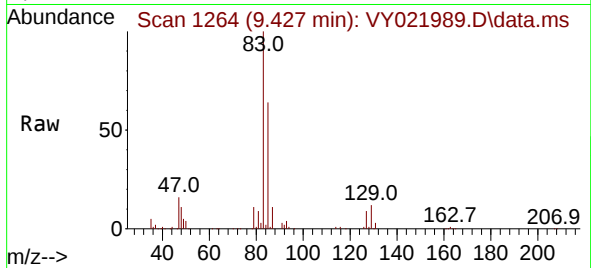
#47
Bromodichloromethane
Concen: 19.711 ug/l
RT: 9.427 min Scan# 1263
Delta R.T. 0.006 min
Lab File: VY021989.D
Acq: 24 Apr 2025 09:35

Instrument :
MSVOA_Y
ClientSampleId :
VY0424SBS01

Tgt Ion: 83 Resp: 8805
Ion Ratio Lower Upper
83 100
85 63.6 51.8 77.8
127 9.2 7.0 10.6

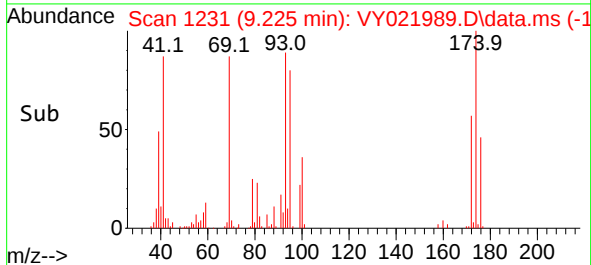
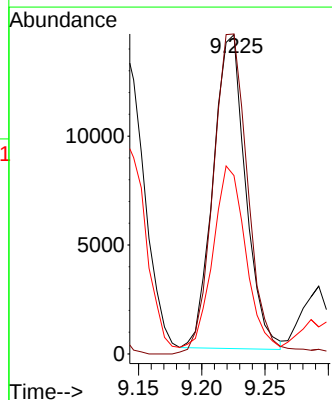
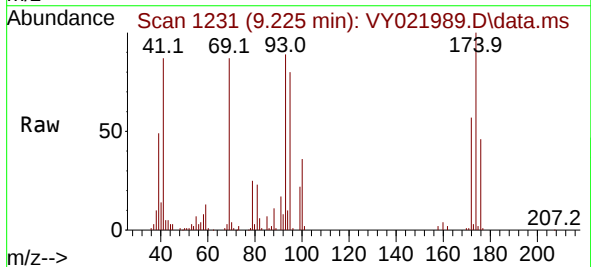
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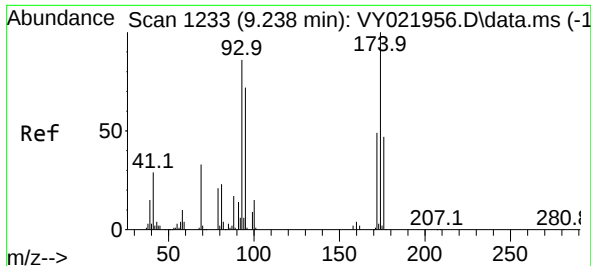
Reviewed By :Mahesh Dadoda 04/25/2025
Supervised By :Semsettin Yesilyurt 04/25/2025



#48
Methyl methacrylate
Concen: 19.465 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. 0.006 min
Lab File: VY021989.D
Acq: 24 Apr 2025 09:35

Tgt Ion: 41 Resp: 25646
Ion Ratio Lower Upper
41 100
69 109.4 85.5 128.3
39 58.0 46.2 69.4





#49

1,4-Dioxane

Concen: 410.355 ug/l

RT: 9.238 min Scan# 1233

Delta R.T. 0.000 min

Lab File: VY021989.D

Acq: 24 Apr 2025 09:35

Instrument :

MSVOA_Y

ClientSampleId :

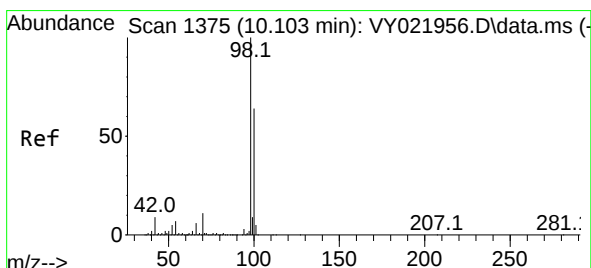
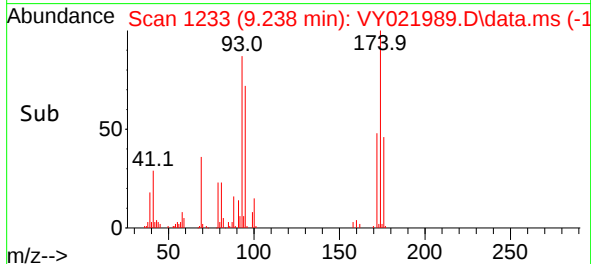
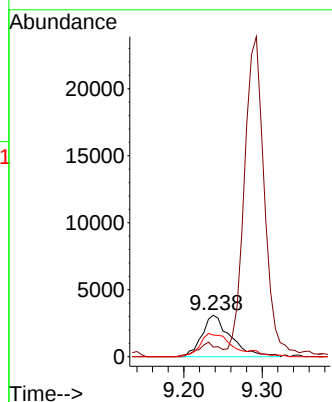
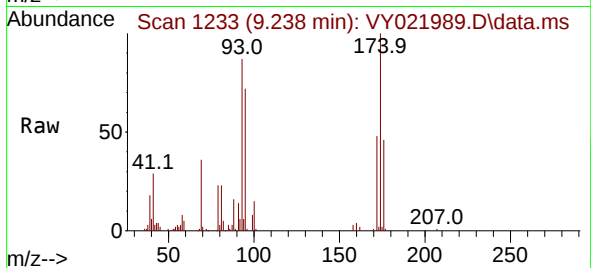
VY0424SBS01

Tgt Ion:	88	Resp:	782
Ion	Ratio	Lower	Upper
88	100		
43	24.8	21.3	31.9
58	66.6	50.5	75.7

Manual Integrations

APPROVED

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



#50

Toluene-d8

Concen: 49.584 ug/l

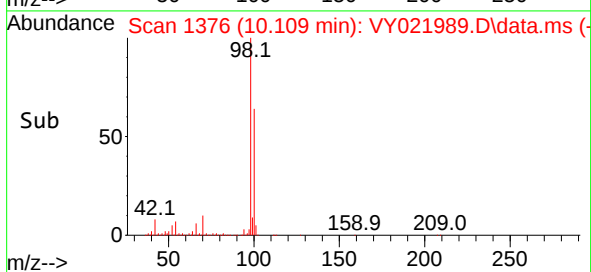
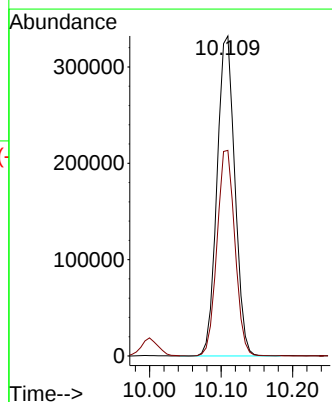
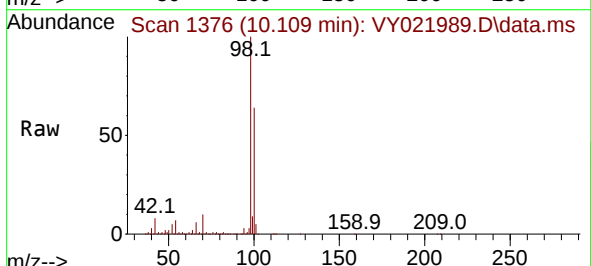
RT: 10.109 min Scan# 1376

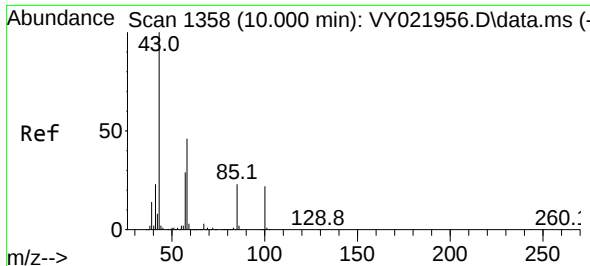
Delta R.T. 0.006 min

Lab File: VY021989.D

Acq: 24 Apr 2025 09:35

Tgt Ion:	98	Resp:	575047
Ion	Ratio	Lower	Upper
98	100		
100	64.6	51.6	77.4





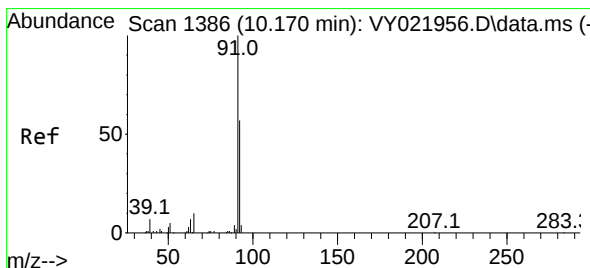
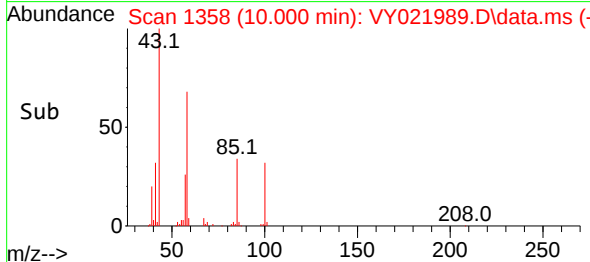
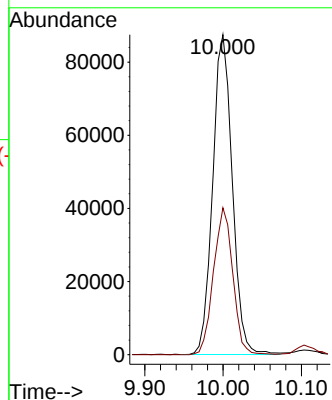
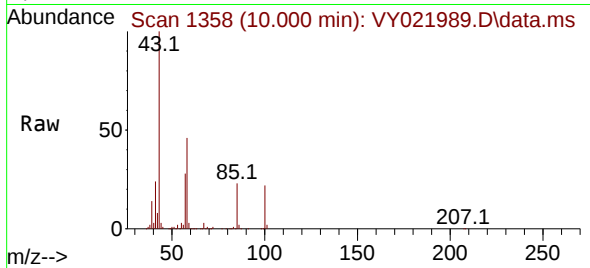
#51
4-Methyl-2-Pentanone
Concen: 101.709 ug/l
RT: 10.000 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VY021989.D
Acq: 24 Apr 2025 09:35

Instrument :
MSVOA_Y
ClientSampleId :
VY0424SBS01

Tgt Ion: 43 Resp: 151958
Ion Ratio Lower Upper
43 100
58 45.2 36.6 55.0

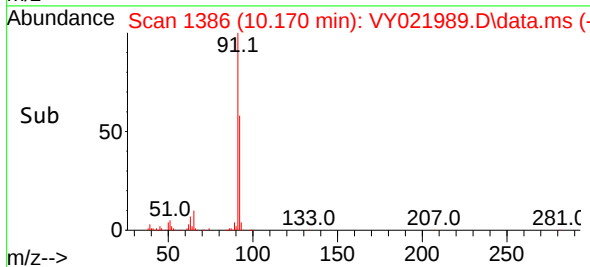
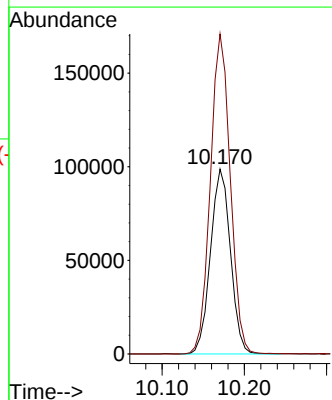
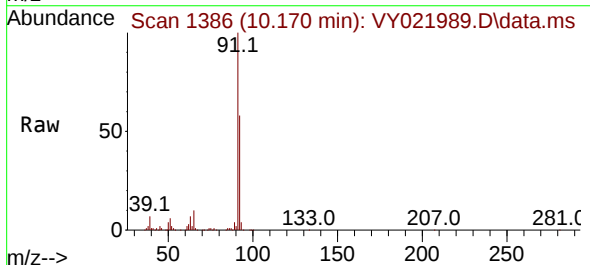
Manual Integrations
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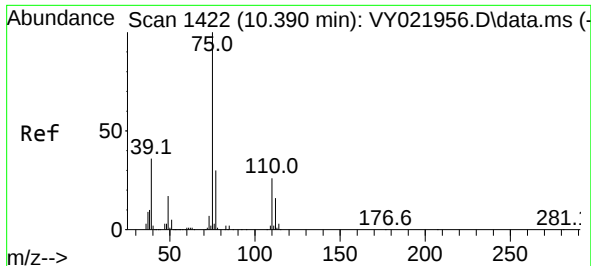
Reviewed By :Mahesh Dadoda 04/25/2025
Supervised By :Semsettin Yesilyurt 04/25/2025



#52
Toluene
Concen: 19.909 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VY021989.D
Acq: 24 Apr 2025 09:35

Tgt Ion: 92 Resp: 166470
Ion Ratio Lower Upper
92 100
91 172.9 138.6 207.8





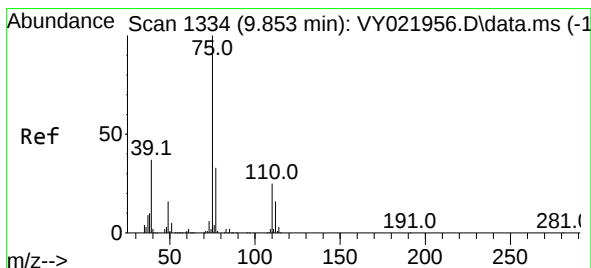
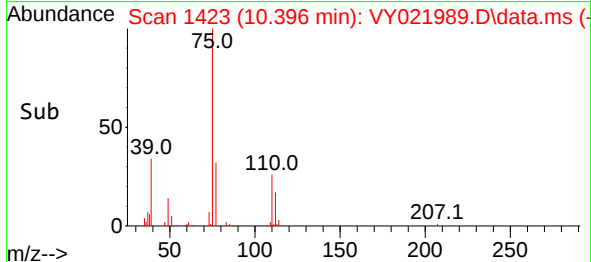
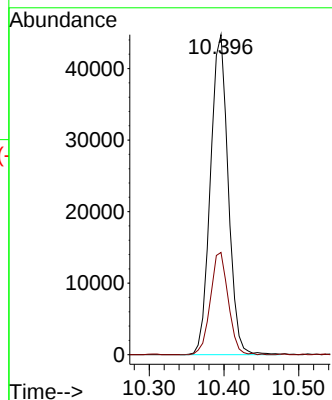
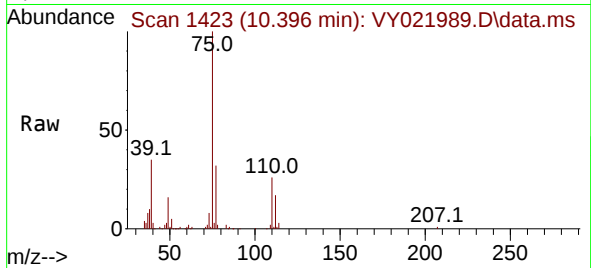
#53
 t-1,3-Dichloropropene
 Concen: 19.311 ug/l
 RT: 10.396 min Scan# 1422
 Delta R.T. 0.006 min
 Lab File: VY021989.D
 Acq: 24 Apr 2025 09:35

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0424SBS01

Tgt Ion: 75 Resp: 7399
 Ion Ratio Lower Upper
 75 100
 77 31.9 24.0 36.0

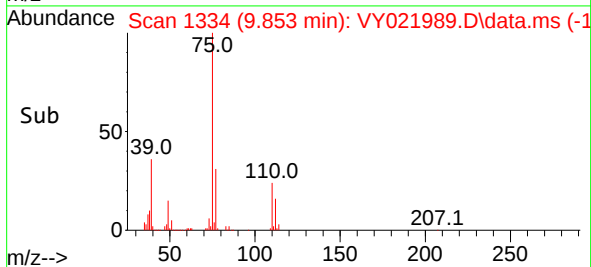
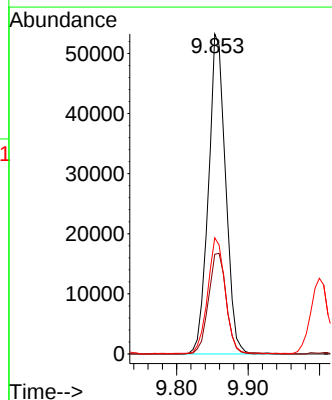
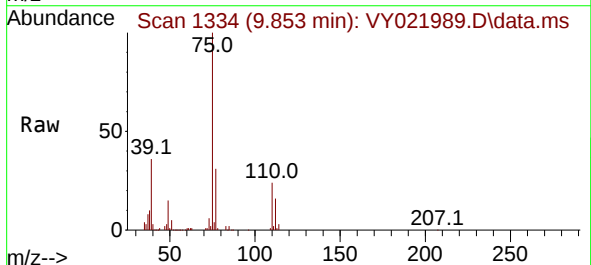
Manual Integrations
 APPROVED

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



#54
 cis-1,3-Dichloropropene
 Concen: 19.482 ug/l
 RT: 9.853 min Scan# 1334
 Delta R.T. 0.000 min
 Lab File: VY021989.D
 Acq: 24 Apr 2025 09:35

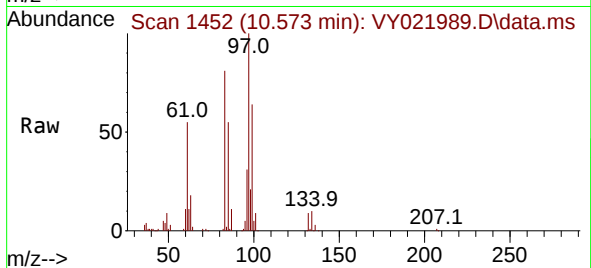
Tgt Ion: 75 Resp: 88738
 Ion Ratio Lower Upper
 75 100
 77 31.2 26.6 40.0
 39 36.2 29.6 44.4





#55
1,1,2-Trichloroethane
Concen: 19.865 ug/l
RT: 10.573 min Scan# 1452
Delta R.T. 0.000 min
Lab File: VY021989.D
Acq: 24 Apr 2025 09:35

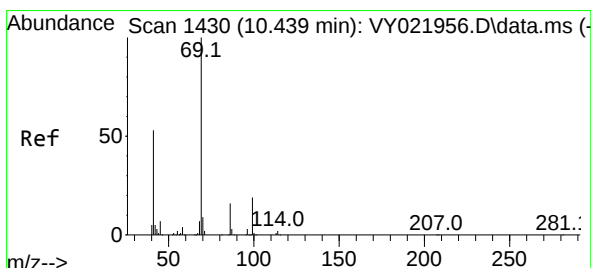
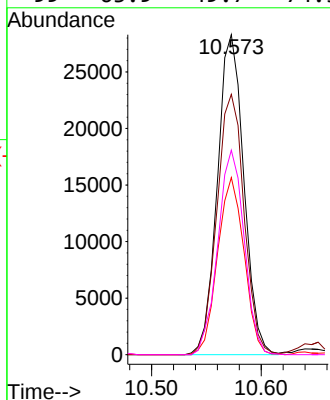
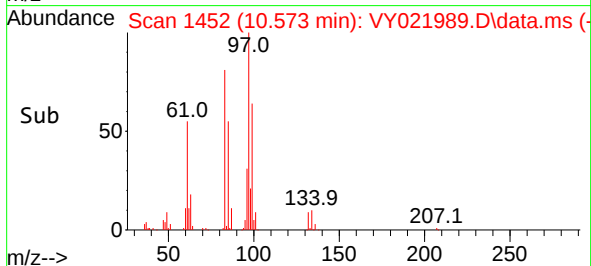
Instrument :
MSVOA_Y
ClientSampleId :
VY0424SBS01



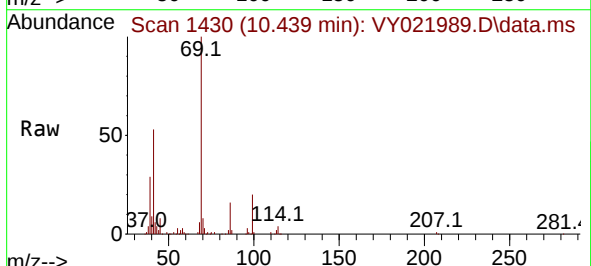
Tgt Ion: 97 Resp: 47450
Ion Ratio Lower Upper
97 100
83 81.4 66.7 100.1
85 55.4 42.6 64.0
99 63.9 49.7 74.5

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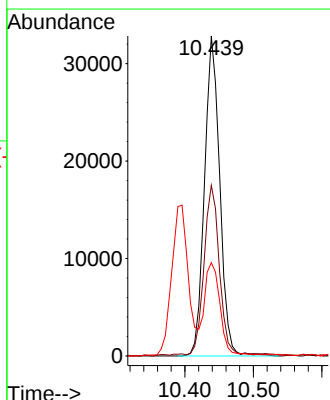
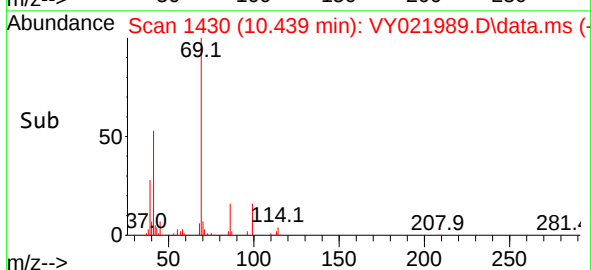
Reviewed By :Mahesh Dadoda 04/25/2025
Supervised By :Semsettin Yesilyurt 04/25/2025

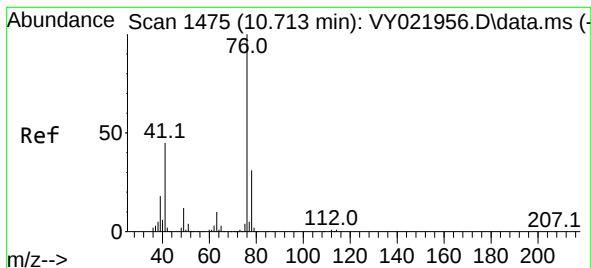


#56
Ethyl methacrylate
Concen: 18.641 ug/l
RT: 10.439 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VY021989.D
Acq: 24 Apr 2025 09:35



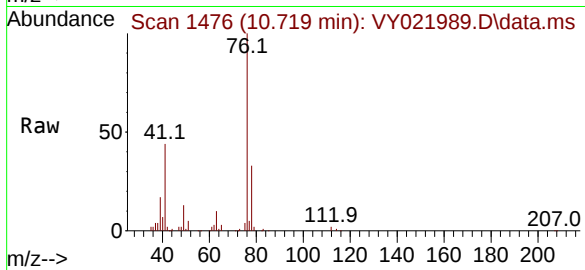
Tgt Ion: 69 Resp: 50919
Ion Ratio Lower Upper
69 100
41 54.5 40.7 61.1
39 28.7 23.3 34.9





#57
1,3-Dichloropropane
Concen: 20.081 ug/l
RT: 10.719 min Scan# 1475
Delta R.T. 0.006 min
Lab File: VY021989.D
Acq: 24 Apr 2025 09:35

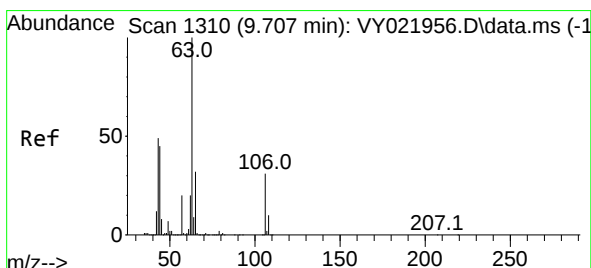
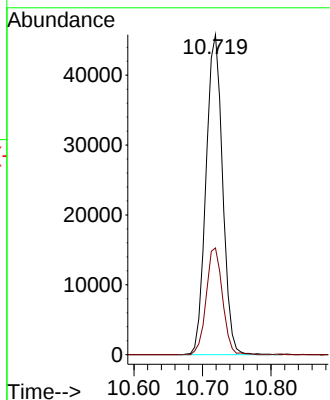
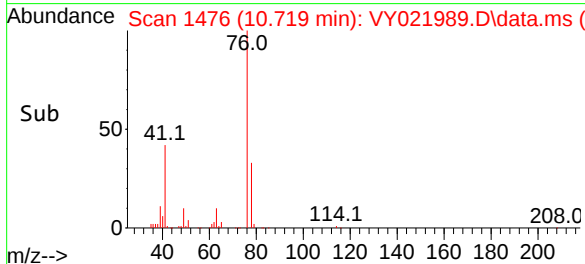
Instrument :
MSVOA_Y
ClientSampleId :
VY0424SBS01



Tgt Ion: 76 Resp: 7689
Ion Ratio Lower Upper
76 100
78 32.9 26.6 39.8

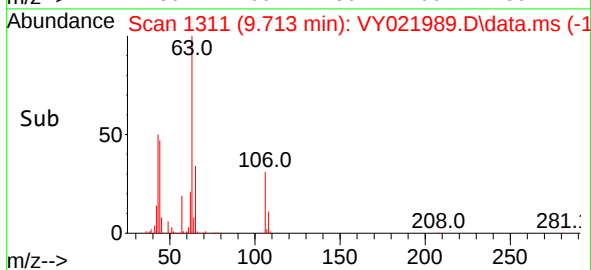
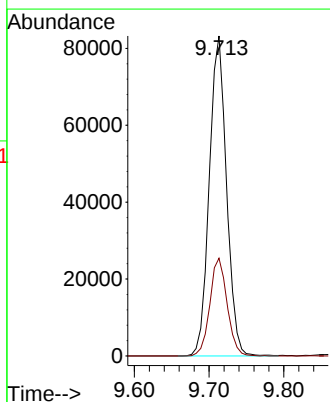
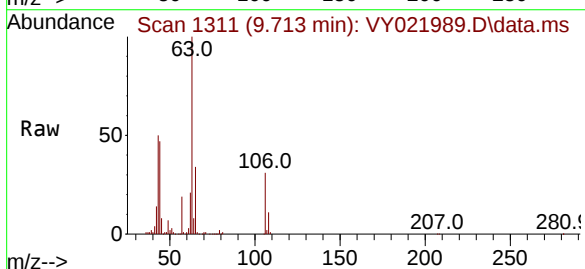
Manual Integrations
APPROVED

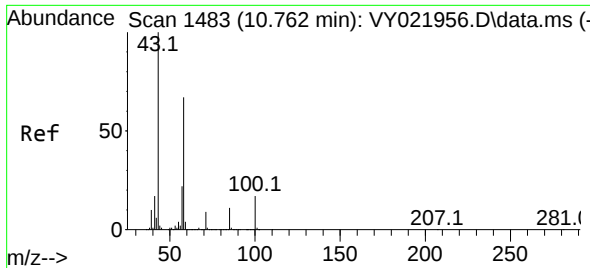
Reviewed By :Mahesh Dadoda 04/25/2025
Supervised By :Semsettin Yesilyurt 04/25/2025



#58
2-Chloroethyl Vinyl ether
Concen: 99.987 ug/l
RT: 9.713 min Scan# 1311
Delta R.T. 0.006 min
Lab File: VY021989.D
Acq: 24 Apr 2025 09:35

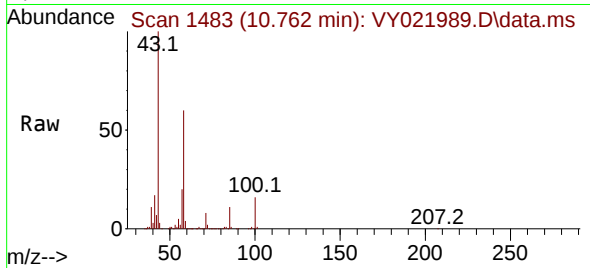
Tgt Ion: 63 Resp: 133534
Ion Ratio Lower Upper
63 100
106 30.6 25.3 37.9





#59
2-Hexanone
Concen: 101.622 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY021989.D
Acq: 24 Apr 2025 09:35

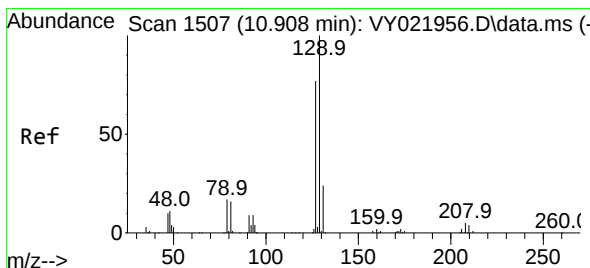
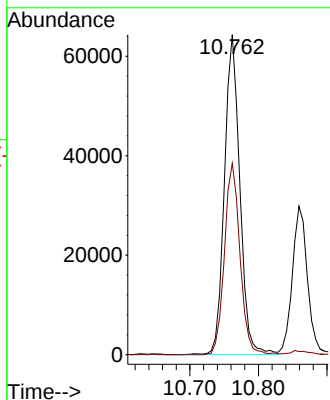
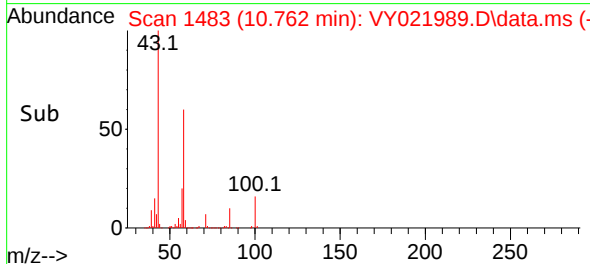
Instrument :
MSVOA_Y
ClientSampleId :
VY0424SBS01



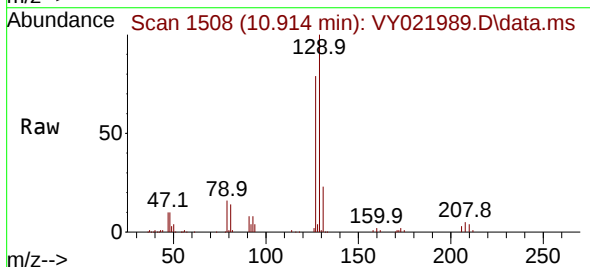
Tgt Ion: 43 Resp: 10014
Ion Ratio Lower Upper
43 100
58 60.3 32.0 96.0

Manual Integrations
APPROVED

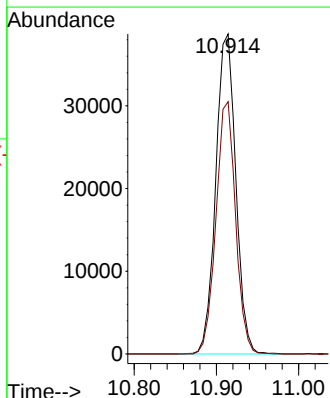
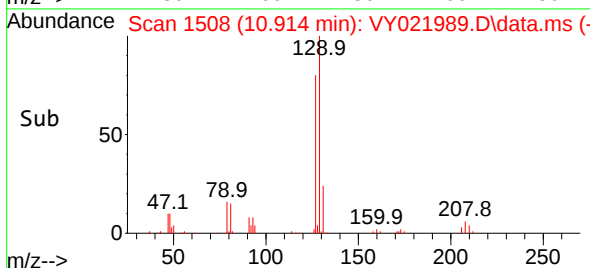
Reviewed By :Mahesh Dadoda 04/25/2025
Supervised By :Semsettin Yesilyurt 04/25/2025

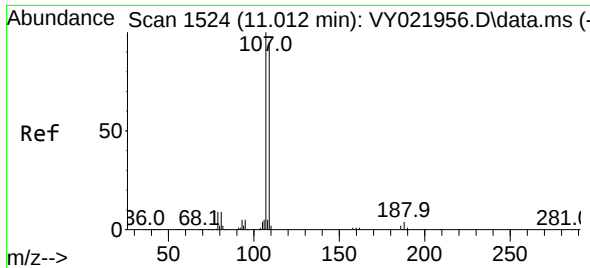


#60
Dibromochloromethane
Concen: 19.794 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VY021989.D
Acq: 24 Apr 2025 09:35



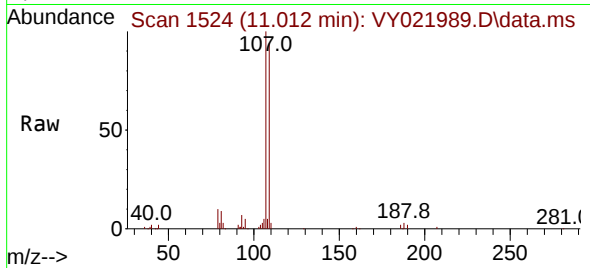
Tgt Ion:129 Resp: 65458
Ion Ratio Lower Upper
129 100
127 77.5 38.5 115.3





#61
1,2-Dibromoethane
Concen: 19.540 ug/l
RT: 11.012 min Scan# 1524
Delta R.T. 0.000 min
Lab File: VY021989.D
Acq: 24 Apr 2025 09:35

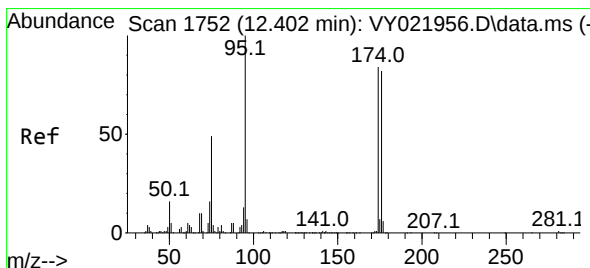
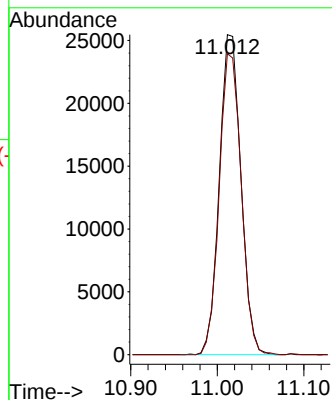
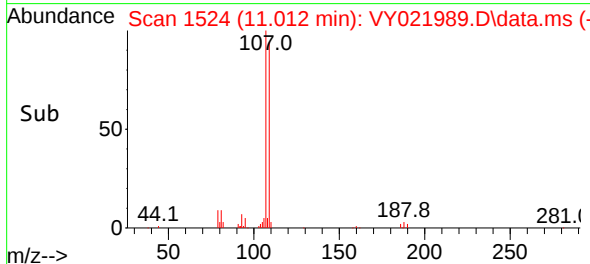
Instrument :
MSVOA_Y
ClientSampleId :
VY0424SBS01



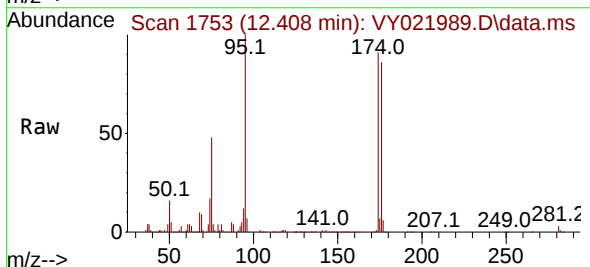
Tgt Ion:107 Resp: 4406
Ion Ratio Lower Upper
107 100
109 95.9 75.8 113.8

Manual Integrations
APPROVED

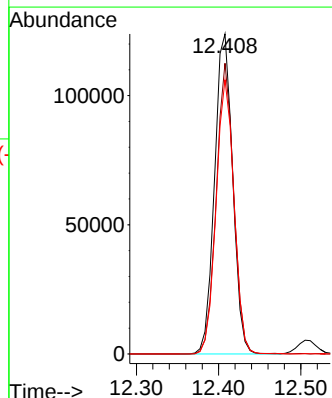
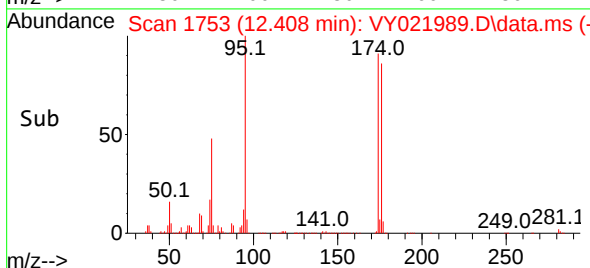
Reviewed By :Mahesh Dadoda 04/25/2025
Supervised By :Semsettin Yesilyurt 04/25/2025

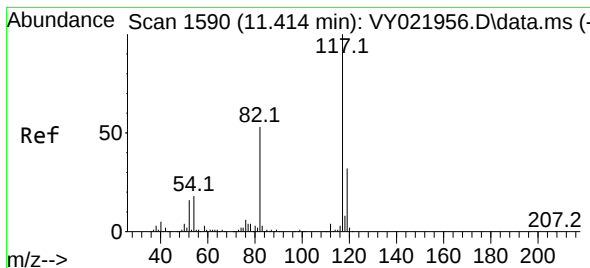


#62
4-Bromofluorobenzene
Concen: 48.626 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY021989.D
Acq: 24 Apr 2025 09:35



Tgt Ion: 95 Resp: 189843
Ion Ratio Lower Upper
95 100
174 87.7 0.0 179.0
176 84.6 0.0 171.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY021989.D

Acq: 24 Apr 2025 09:35

Instrument :

MSVOA_Y

ClientSampleId :

VY0424SBS01

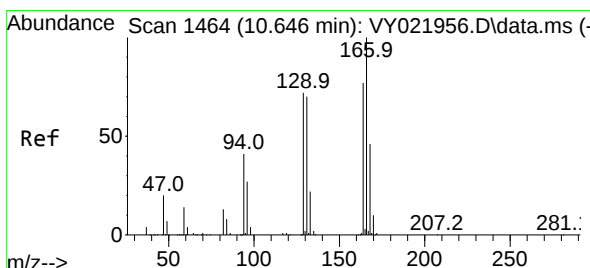
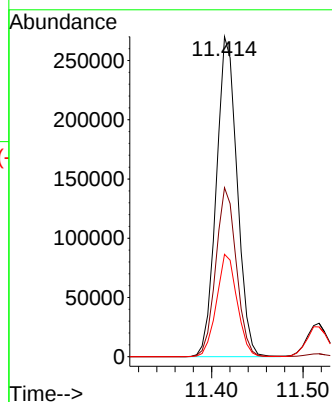
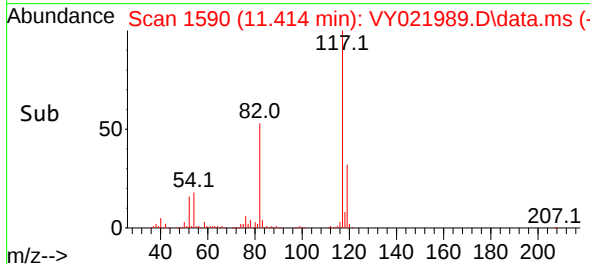
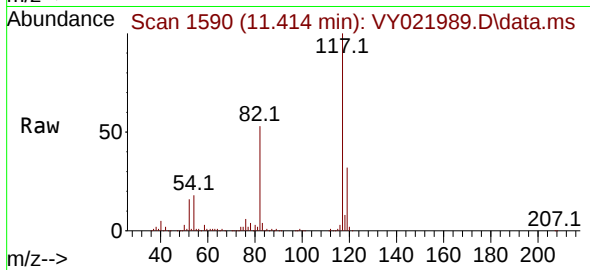
Tgt Ion:117 Resp: 42702

Ion	Ratio	Lower	Upper
117	100		
82	52.8	42.1	63.1
119	32.0	25.7	38.5

Manual Integrations

APPROVED

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



#64

Tetrachloroethene

Concen: 19.272 ug/l

RT: 10.646 min Scan# 1464

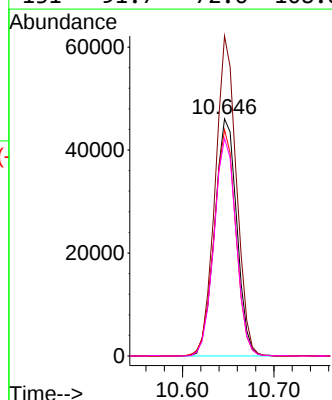
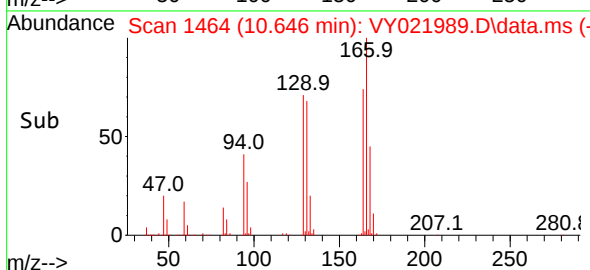
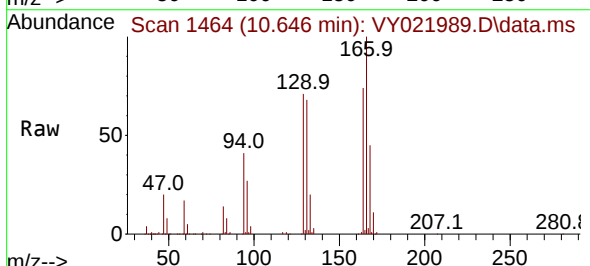
Delta R.T. 0.000 min

Lab File: VY021989.D

Acq: 24 Apr 2025 09:35

Tgt Ion:164 Resp: 77636

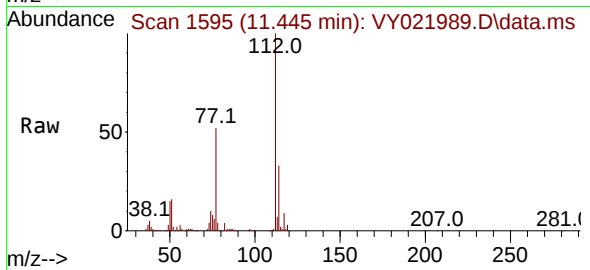
Ion	Ratio	Lower	Upper
164	100		
166	134.9	103.6	155.4
129	95.4	74.2	111.4
131	91.7	72.6	108.8





#65
Chlorobenzene
Concen: 19.221 ug/l
RT: 11.445 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY021989.D
Acq: 24 Apr 2025 09:35

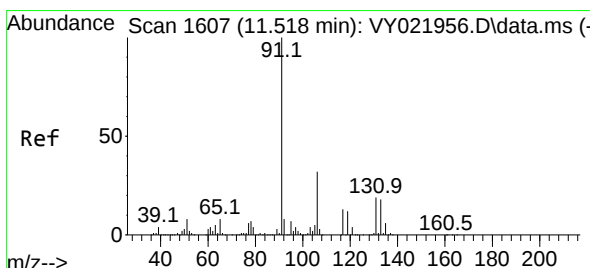
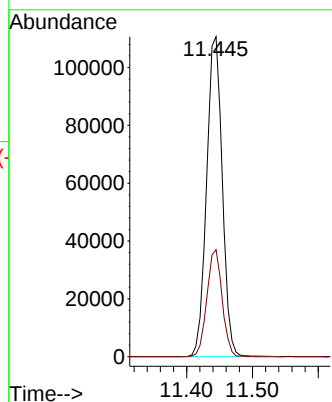
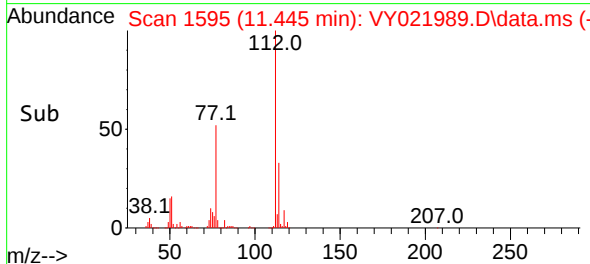
Instrument :
MSVOA_Y
ClientSampleId :
VY0424SBS01



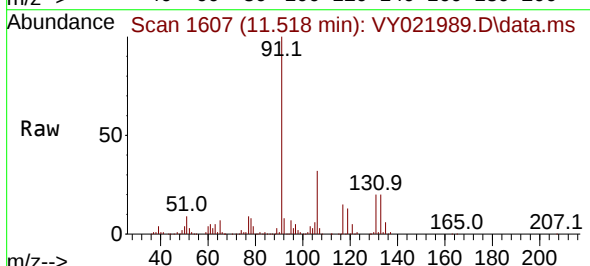
Tgt Ion:112 Resp: 18354
Ion Ratio Lower Upper
112 100
114 33.4 25.0 37.4

Manual Integrations
APPROVED

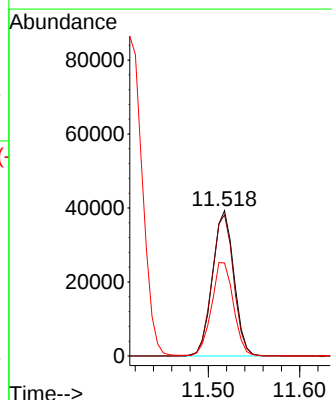
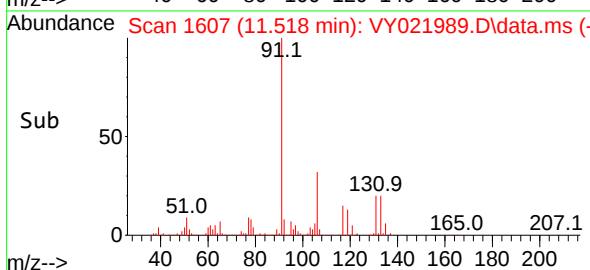
Reviewed By :Mahesh Dadoda 04/25/2025
Supervised By :Semsettin Yesilyurt 04/25/2025

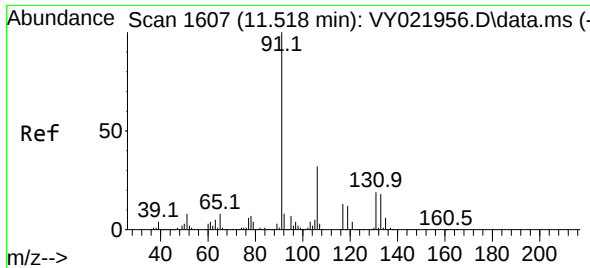


#66
1,1,1,2-Tetrachloroethane
Concen: 19.094 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY021989.D
Acq: 24 Apr 2025 09:35



Tgt Ion:131 Resp: 64193
Ion Ratio Lower Upper
131 100
133 97.2 47.8 143.3
119 65.6 32.4 97.0





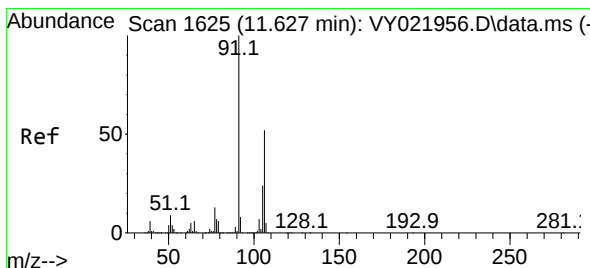
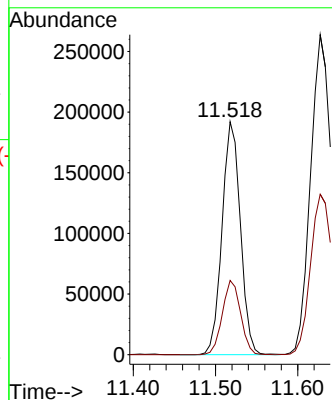
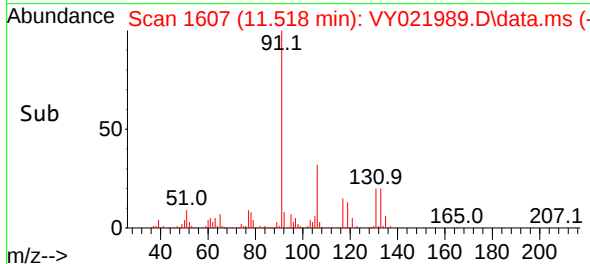
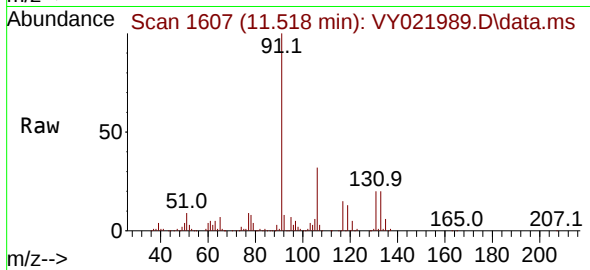
#67
Ethyl Benzene
Concen: 19.088 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY021989.D
Acq: 24 Apr 2025 09:35

Instrument :
MSVOA_Y
ClientSampleId :
VY0424SBS01

Tgt Ion: 91 Resp: 29818
Ion Ratio Lower Upper
91 100
106 31.8 25.9 38.9

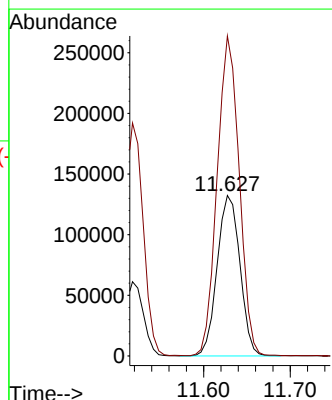
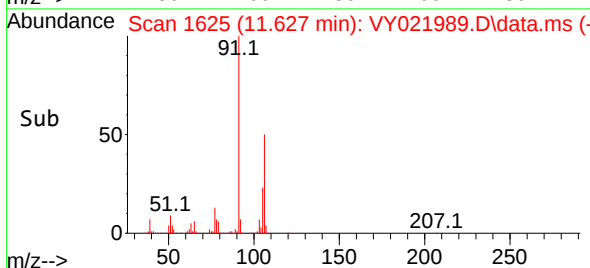
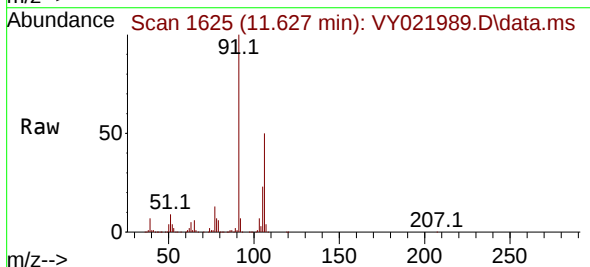
Manual Integrations
APPROVED

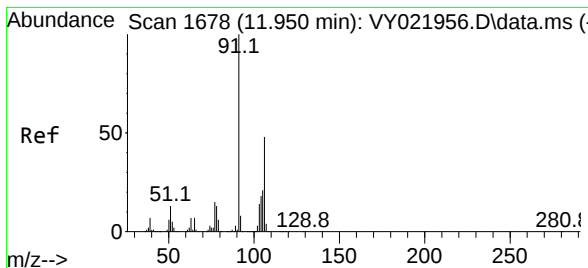
Reviewed By :Mahesh Dadoda 04/25/2025
Supervised By :Semsettin Yesilyurt 04/25/2025



#68
m/p-Xylenes
Concen: 38.849 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. 0.000 min
Lab File: VY021989.D
Acq: 24 Apr 2025 09:35

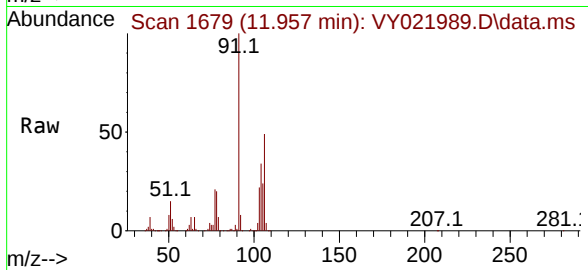
Tgt Ion:106 Resp: 241488
Ion Ratio Lower Upper
106 100
91 193.4 156.2 234.2





#69
o-Xylene
Concen: 19.049 ug/l
RT: 11.957 min Scan# 1679
Delta R.T. 0.006 min
Lab File: VY021989.D
Acq: 24 Apr 2025 09:35

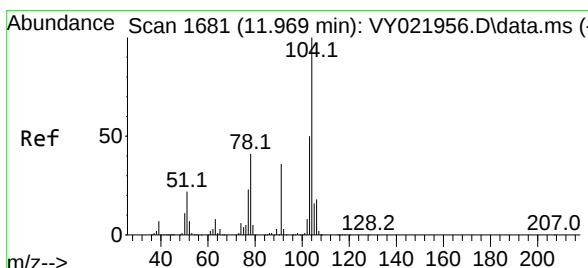
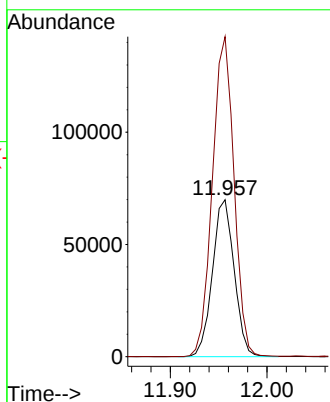
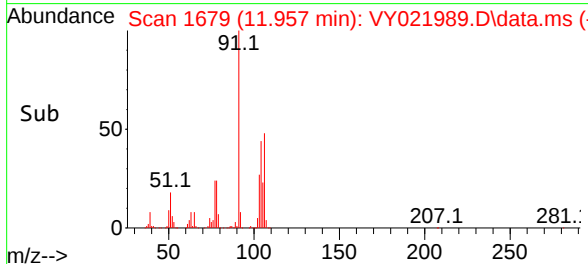
Instrument :
MSVOA_Y
ClientSampleId :
VY0424SBS01



Tgt Ion:106 Resp: 10913
Ion Ratio Lower Upper
106 100
91 203.1 103.0 308.9

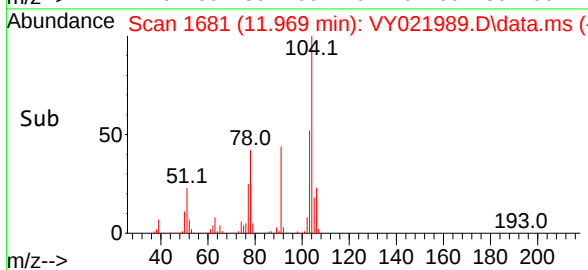
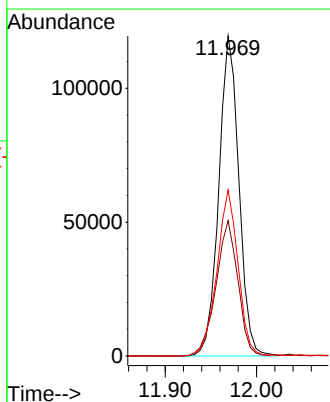
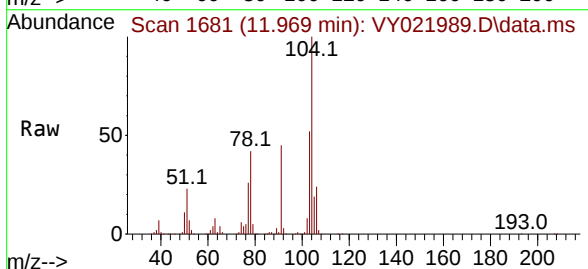
Manual Integrations
APPROVED

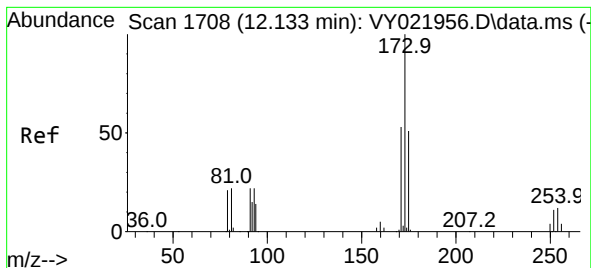
Reviewed By :Mahesh Dadoda 04/25/2025
Supervised By :Semsettin Yesilyurt 04/25/2025



#70
Styrene
Concen: 19.025 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VY021989.D
Acq: 24 Apr 2025 09:35

Tgt Ion:104 Resp: 183016
Ion Ratio Lower Upper
104 100
78 46.2 36.6 54.8
103 54.7 43.8 65.8





#71

Bromoform

Concen: 19.627 ug/l

RT: 12.133 min Scan# 1708

Delta R.T. 0.000 min

Lab File: VY021989.D

Acq: 24 Apr 2025 09:35

Instrument :

MSVOA_Y

ClientSampleId :

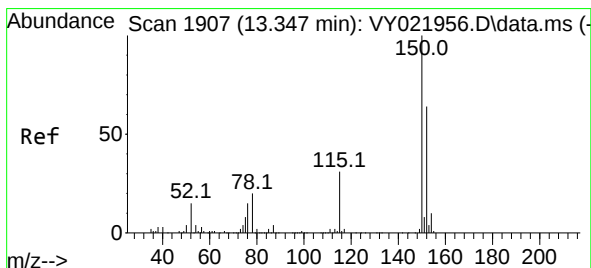
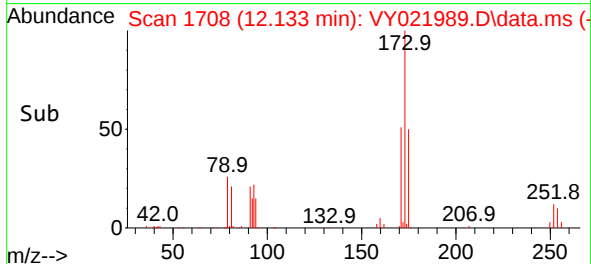
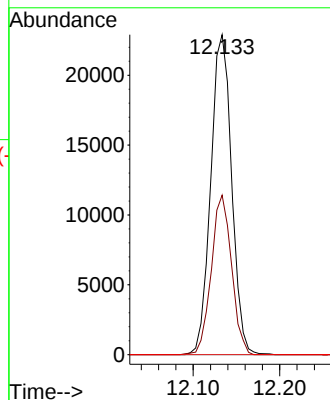
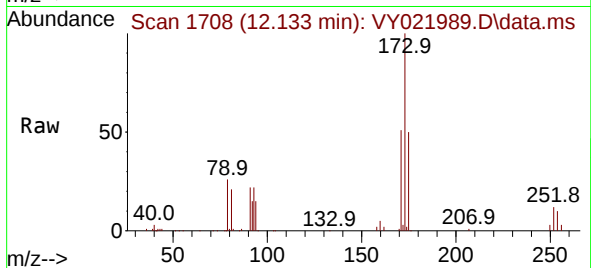
VY0424SBS01

Tgt Ion:173	Resp:	3836
Ion Ratio	Lower	Upper
173	100	
175	48.3	24.3 72.8
254	0.0	0.0 0.0

Manual Integrations

APPROVED

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

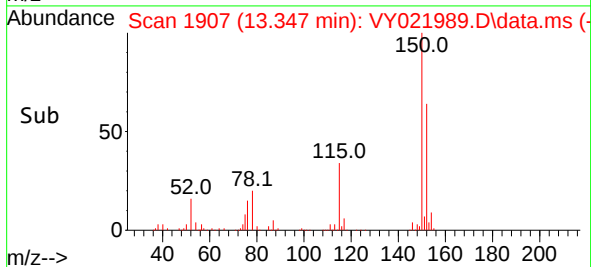
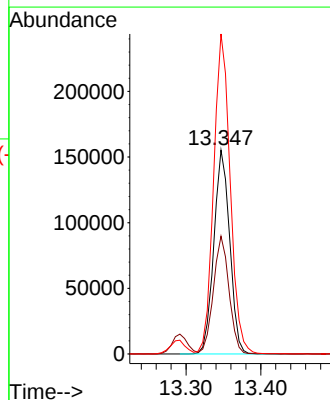
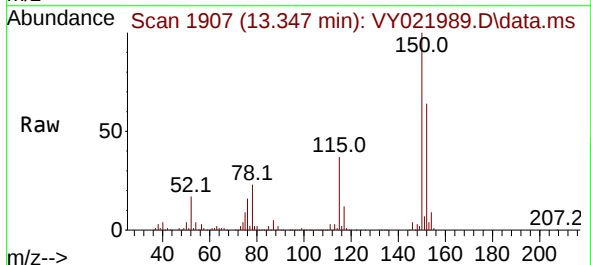
RT: 13.347 min Scan# 1907

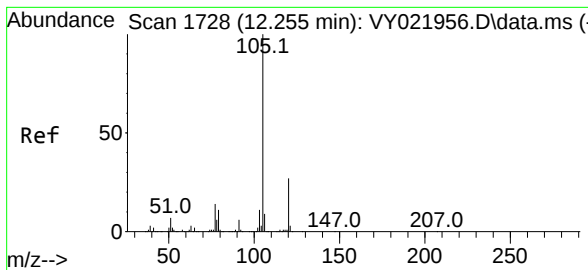
Delta R.T. 0.000 min

Lab File: VY021989.D

Acq: 24 Apr 2025 09:35

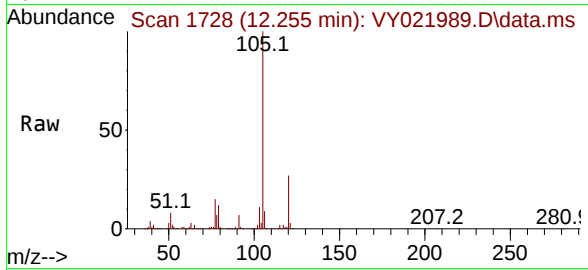
Tgt Ion:152	Resp:	228899
Ion Ratio	Lower	Upper
152	100	
115	57.1	28.0 84.0
150	163.6	0.0 345.6





#73
Isopropylbenzene
Concen: 18.587 ug/l
RT: 12.255 min Scan# 1728
Delta R.T. 0.000 min
Lab File: VY021989.D
Acq: 24 Apr 2025 09:35

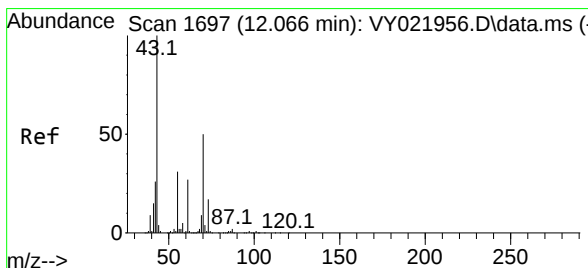
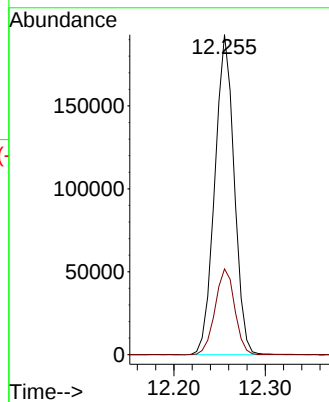
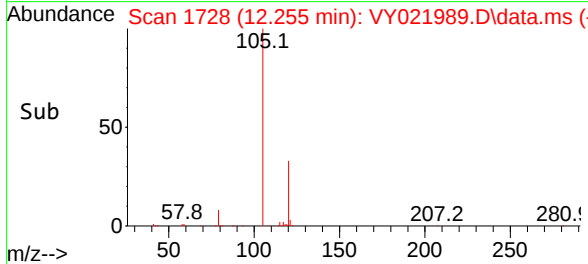
Instrument :
MSVOA_Y
ClientSampleId :
VY0424SBS01



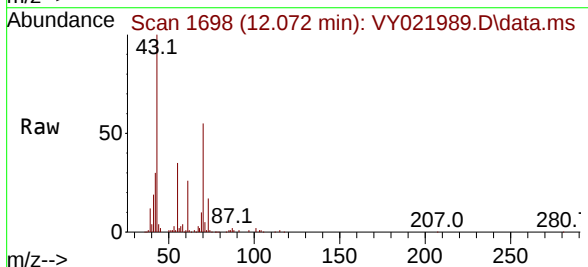
Tgt Ion:105 Resp: 28425
Ion Ratio Lower Upper
105 100
120 27.1 13.5 40.5

Manual Integrations
APPROVED

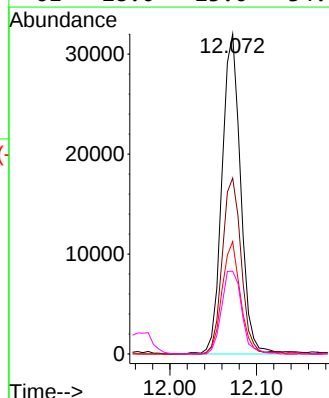
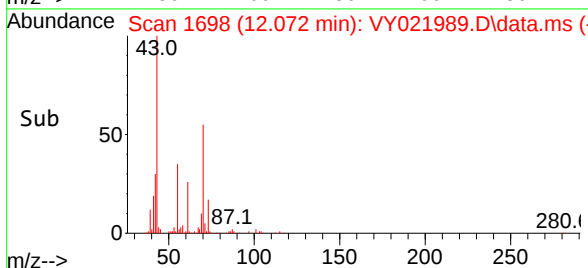
Reviewed By :Mahesh Dadoda 04/25/2025
Supervised By :Semsettin Yesilyurt 04/25/2025

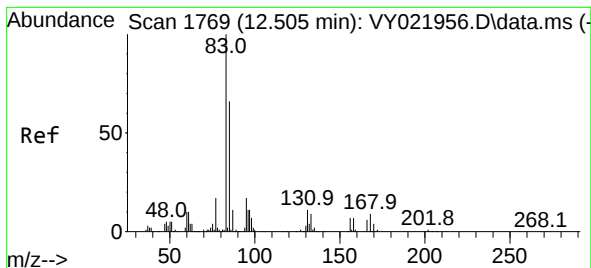


#74
N-ethyl acetate
Concen: 18.198 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VY021989.D
Acq: 24 Apr 2025 09:35



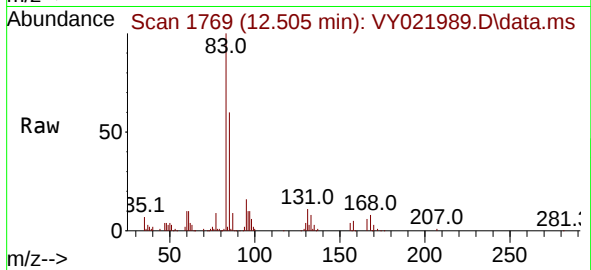
Tgt Ion: 43 Resp: 47815
Ion Ratio Lower Upper
43 100
70 55.3 43.2 64.8
55 34.8 25.7 38.5
61 28.0 23.0 34.6





#75
1,1,2,2-Tetrachloroethane
Concen: 19.831 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. 0.000 min
Lab File: VY021989.D
Acq: 24 Apr 2025 09:35

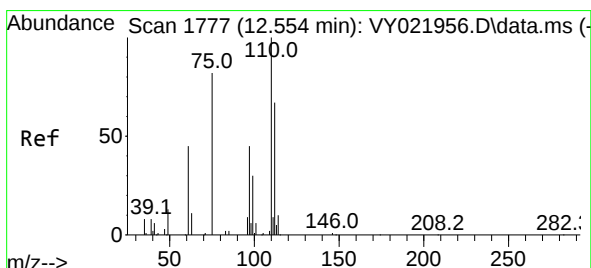
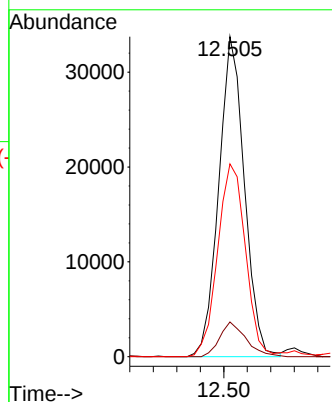
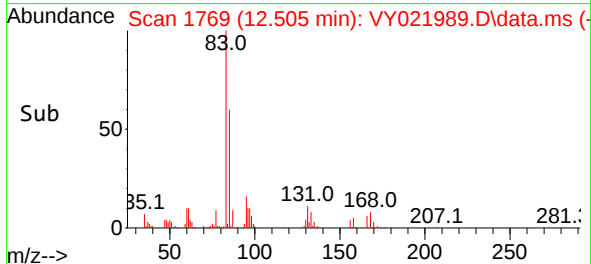
Instrument : MSVOA_Y
ClientSampleId : VY0424SBS01



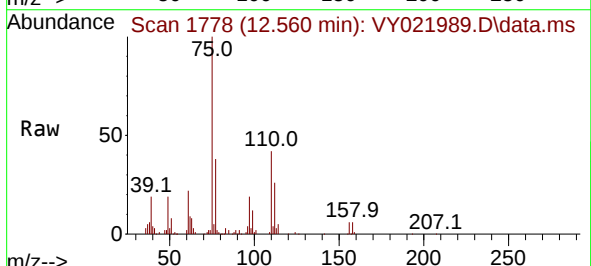
Tgt Ion: 83 Resp: 51132
Ion Ratio Lower Upper
83 100
131 11.1 5.5 16.4
85 65.6 32.3 96.8

Manual Integrations
APPROVED

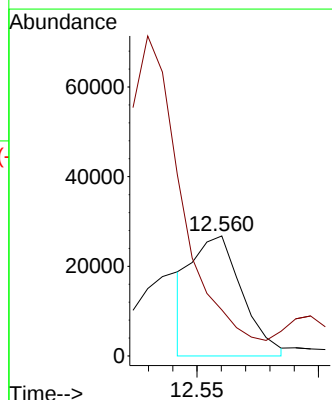
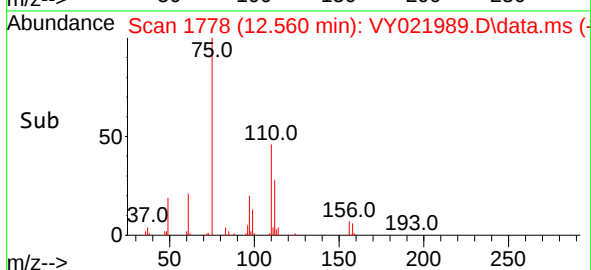
Reviewed By :Mahesh Dadoda 04/25/2025
Supervised By :Semsettin Yesilyurt 04/25/2025

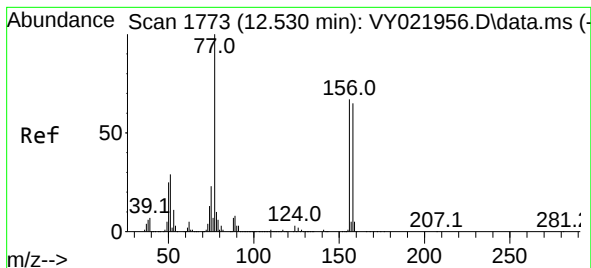


#76
1,2,3-Trichloropropane
Concen: 19.670 ug/l m
RT: 12.560 min Scan# 1778
Delta R.T. 0.006 min
Lab File: VY021989.D
Acq: 24 Apr 2025 09:35



Tgt Ion: 75 Resp: 38565
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 18.940 ug/l

RT: 12.536 min Scan# 1773

Delta R.T. 0.006 min

Lab File: VY021989.D

Acq: 24 Apr 2025 09:35

Instrument :

MSVOA_Y

ClientSampleId :

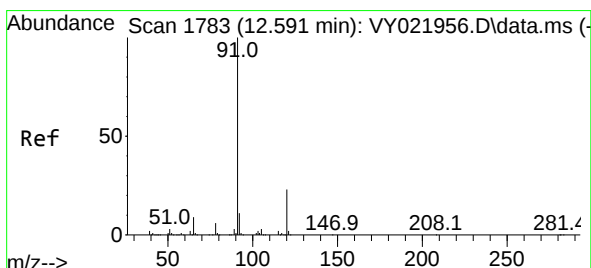
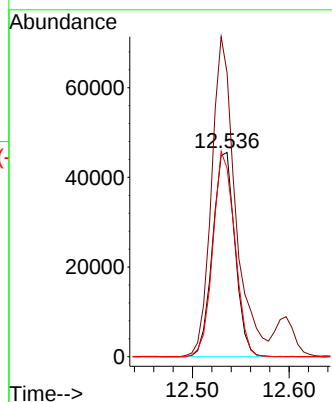
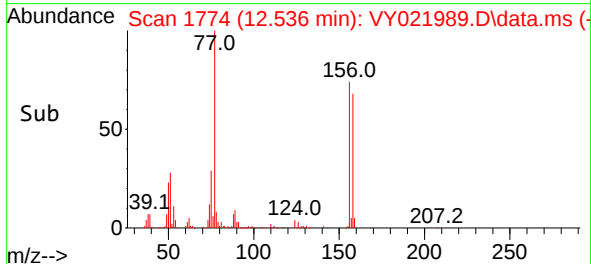
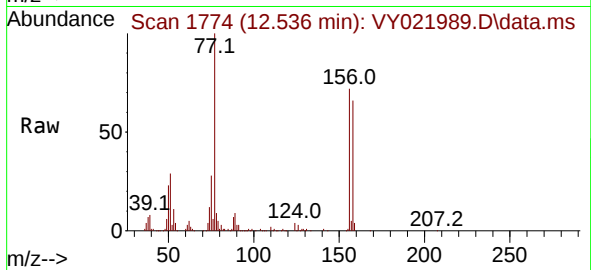
VY0424SBS01

Tgt Ion:	156	Resp:	73190
Ion Ratio	Lower	Upper	
156	100		
77	167.8	82.7	248.1
158	98.4	48.1	144.4

Manual Integrations

APPROVED

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



#78

n-propylbenzene

Concen: 19.049 ug/l

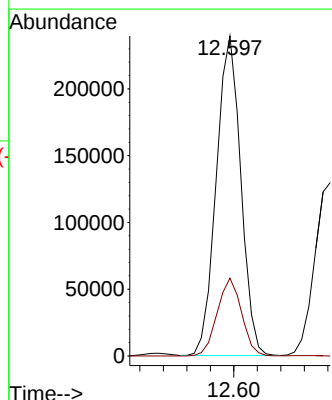
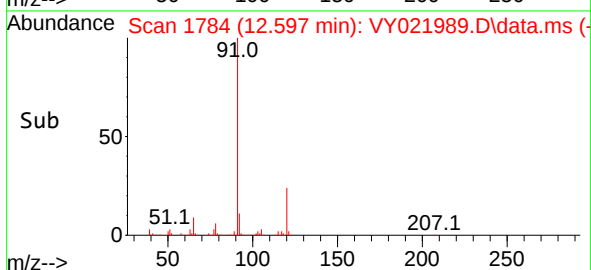
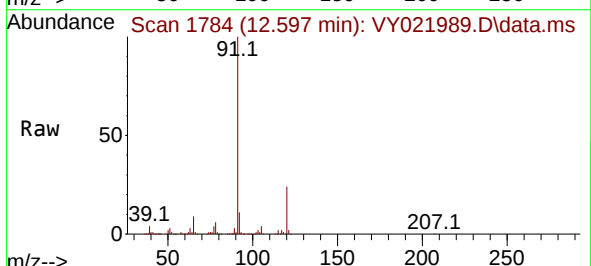
RT: 12.597 min Scan# 1784

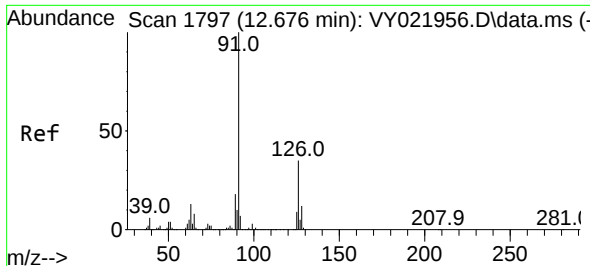
Delta R.T. 0.006 min

Lab File: VY021989.D

Acq: 24 Apr 2025 09:35

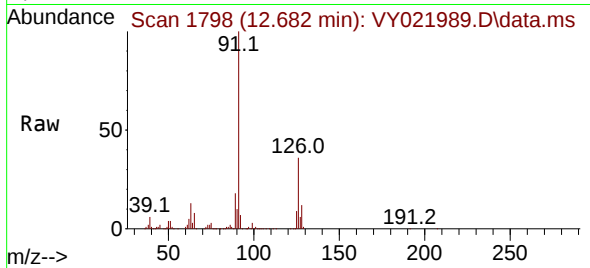
Tgt Ion:	91	Resp:	346929
Ion Ratio	Lower	Upper	
91	100		
120	24.1	11.9	35.5





#79
2-Chlorotoluene
Concen: 18.900 ug/l
RT: 12.682 min Scan# 1797
Delta R.T. 0.006 min
Lab File: VY021989.D
Acq: 24 Apr 2025 09:35

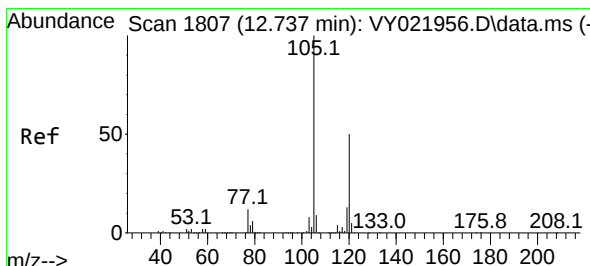
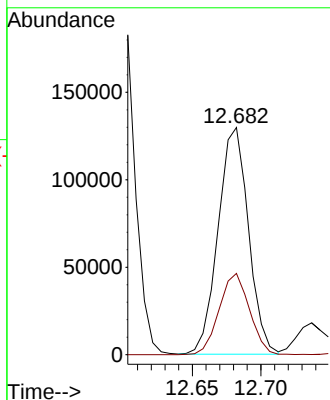
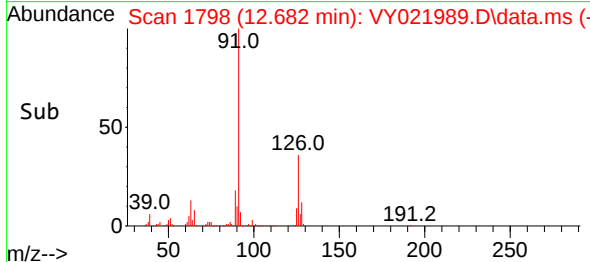
Instrument :
MSVOA_Y
ClientSampleId :
VY0424SBS01



Tgt Ion: 91 Resp: 200178
Ion Ratio Lower Upper
91 100
126 35.8 17.9 53.8

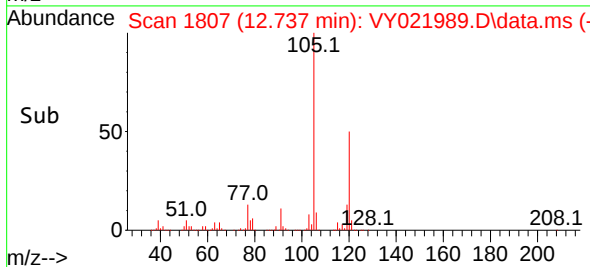
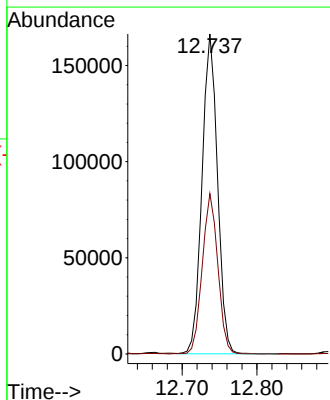
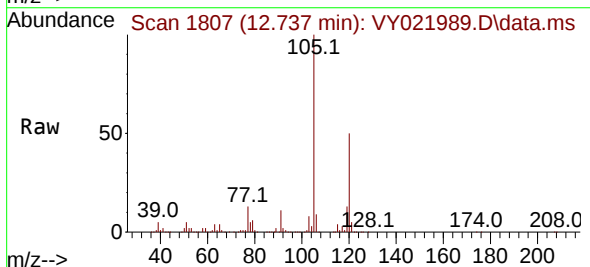
Manual Integrations
APPROVED

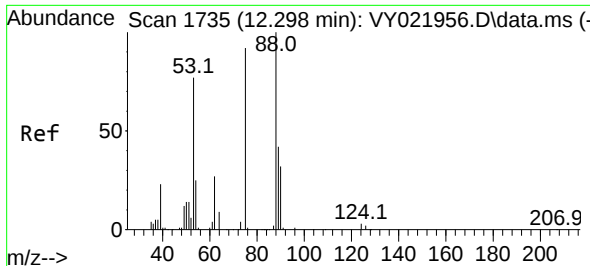
Reviewed By :Mahesh Dadoda 04/25/2025
Supervised By :Semsettin Yesilyurt 04/25/2025



#80
1,3,5-Trimethylbenzene
Concen: 18.948 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY021989.D
Acq: 24 Apr 2025 09:35

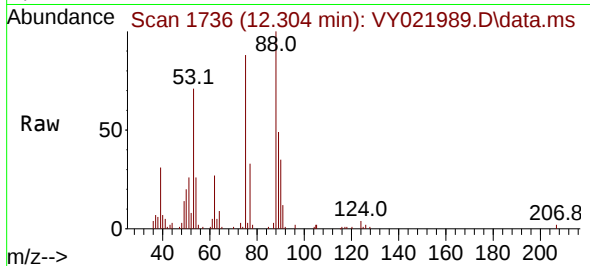
Tgt Ion:105 Resp: 238754
Ion Ratio Lower Upper
105 100
120 50.5 25.0 75.0





#81
trans-1,4-Dichloro-2-butene
Concen: 18.748 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.006 min
Lab File: VY021989.D
Acq: 24 Apr 2025 09:35

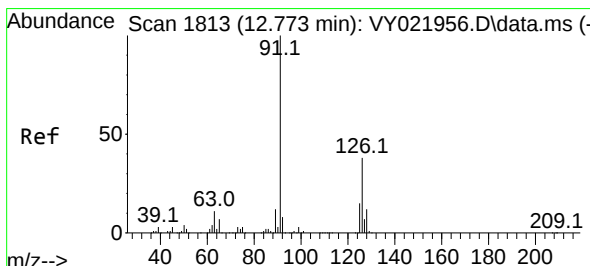
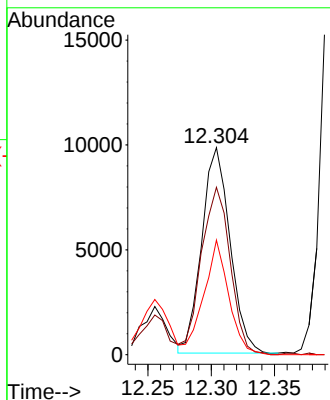
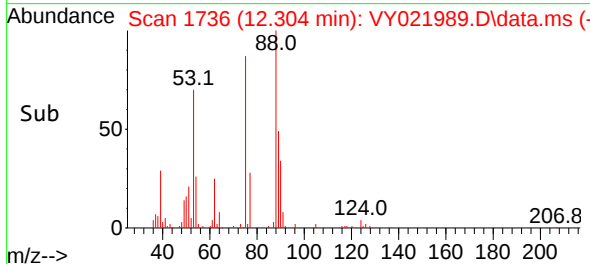
Instrument :
MSVOA_Y
ClientSampleId :
VY0424SBS01



Tgt Ion: 75 Resp: 15264
Ion Ratio Lower Upper
75 100
53 83.5 66.0 99.0
89 49.6 37.2 55.8

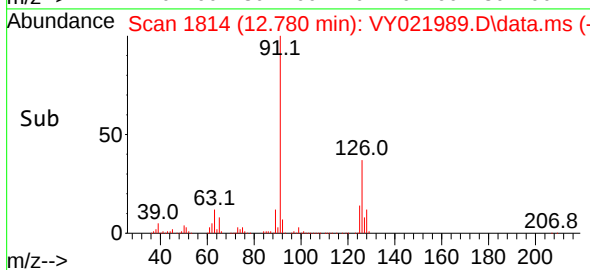
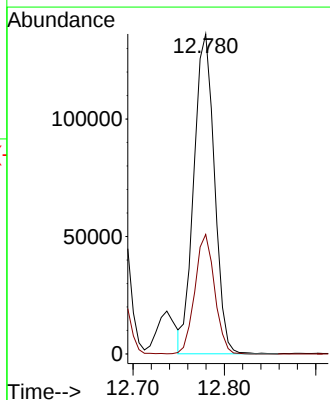
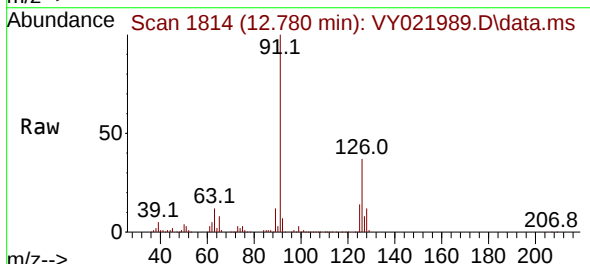
Manual Integrations
APPROVED

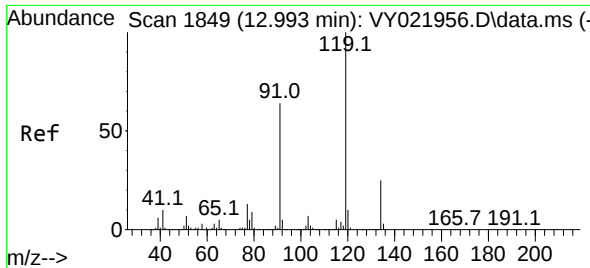
Reviewed By :Mahesh Dadoda 04/25/2025
Supervised By :Semsettin Yesilyurt 04/25/2025



#82
4-Chlorotoluene
Concen: 19.295 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. 0.006 min
Lab File: VY021989.D
Acq: 24 Apr 2025 09:35

Tgt Ion: 91 Resp: 212435
Ion Ratio Lower Upper
91 100
126 36.0 17.9 53.8





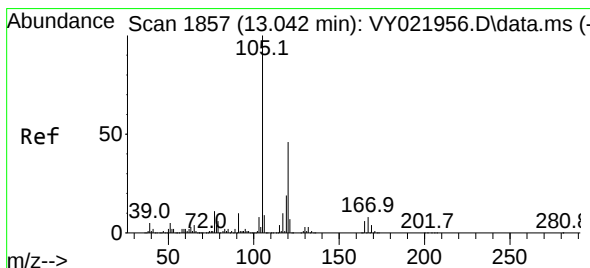
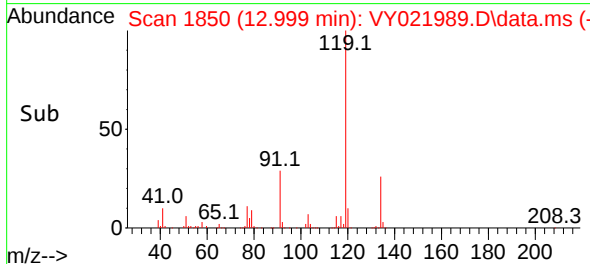
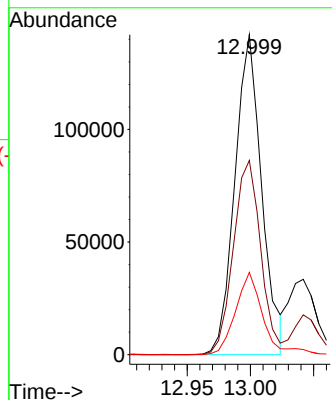
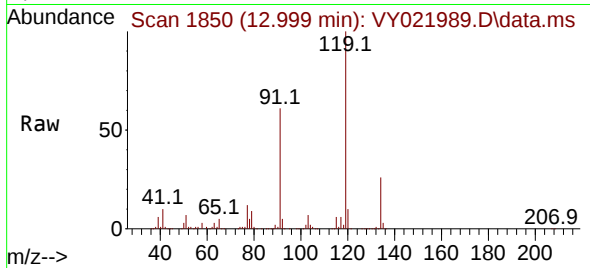
#83
 tert-Butylbenzene
 Concen: 18.550 ug/l
 RT: 12.999 min Scan# 1850
 Delta R.T. 0.006 min
 Lab File: VY021989.D
 Acq: 24 Apr 2025 09:35

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0424SBS01

Tgt Ion:119 Resp: 209620
 Ion Ratio Lower Upper
 119 100
 91 61.7 30.3 90.9
 134 26.3 12.9 38.7

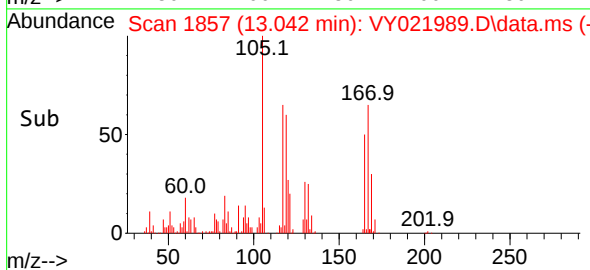
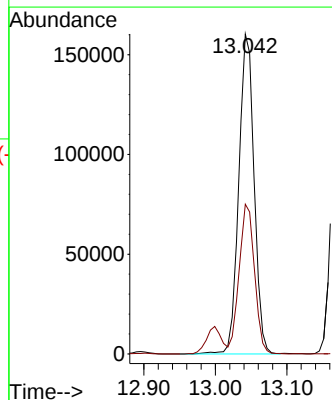
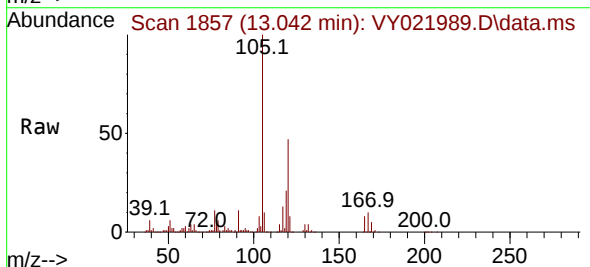
Manual Integrations
 APPROVED

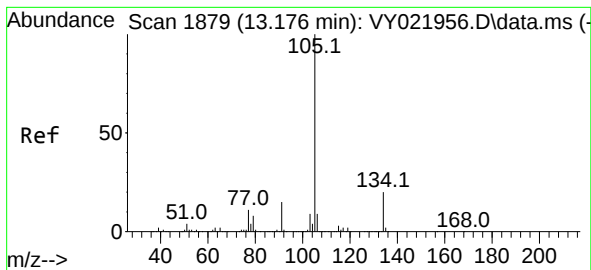
Reviewed By :Mahesh Dadoda 04/25/2025
 Supervised By :Semsettin Yesilyurt 04/25/2025



#84
 1,2,4-Trimethylbenzene
 Concen: 18.930 ug/l
 RT: 13.042 min Scan# 1857
 Delta R.T. 0.000 min
 Lab File: VY021989.D
 Acq: 24 Apr 2025 09:35

Tgt Ion:105 Resp: 238581
 Ion Ratio Lower Upper
 105 100
 120 47.0 23.4 70.0





#85

sec-Butylbenzene

Concen: 18.914 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY021989.D

Acq: 24 Apr 2025 09:35

Instrument :

MSVOA_Y

ClientSampleId :

VY0424SBS01

Tgt Ion:105 Resp: 31277

Ion Ratio Lower Upper

105 100

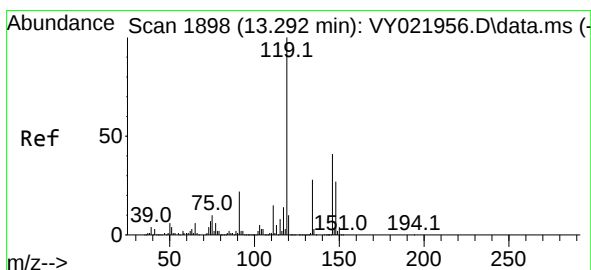
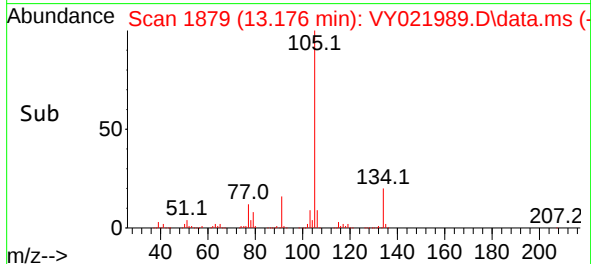
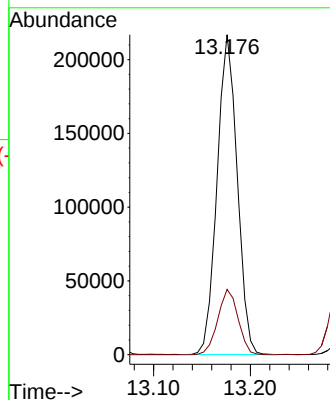
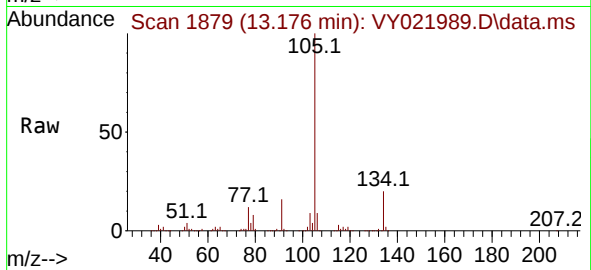
134 20.5 10.3 30.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/25/2025

Supervised By :Semsettin Yesilyurt 04/25/2025



#86

p-Isopropyltoluene

Concen: 18.865 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY021989.D

Acq: 24 Apr 2025 09:35

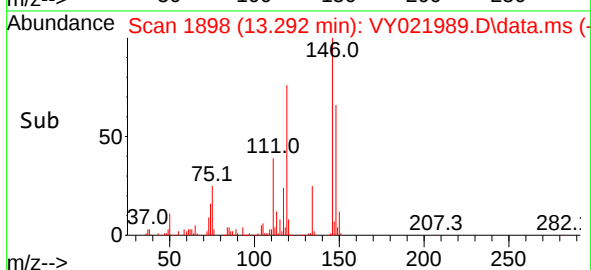
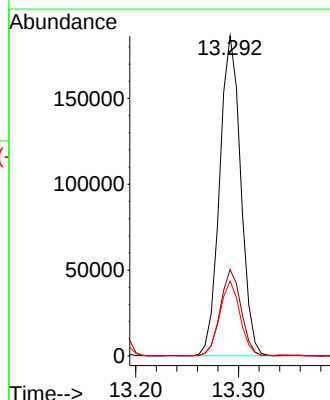
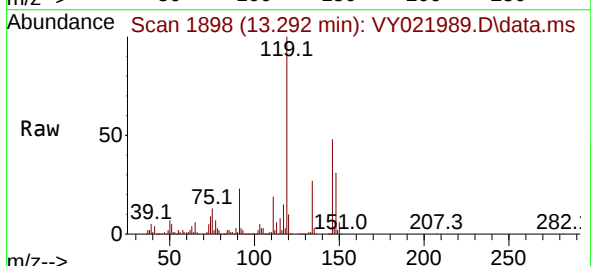
Tgt Ion:119 Resp: 264903

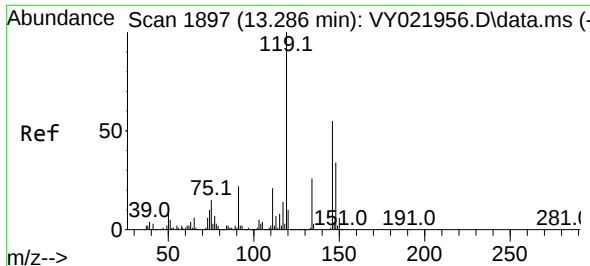
Ion Ratio Lower Upper

119 100

134 26.7 13.6 40.7

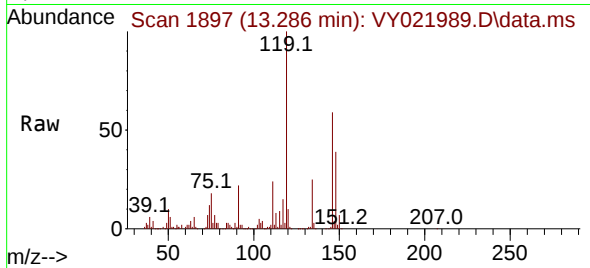
91 22.5 11.0 33.0





#87
1,3-Dichlorobenzene
Concen: 18.387 ug/l
RT: 13.286 min Scan# 1897
Delta R.T. 0.000 min
Lab File: VY021989.D
Acq: 24 Apr 2025 09:35

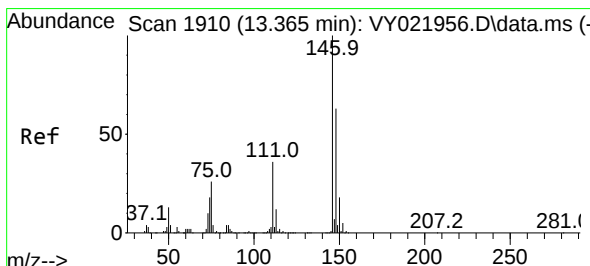
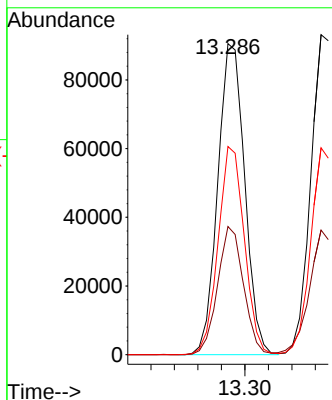
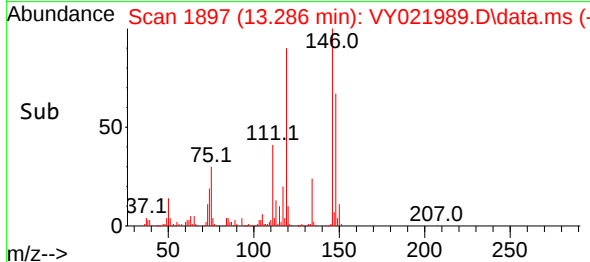
Instrument :
MSVOA_Y
ClientSampleId :
VY0424SBS01



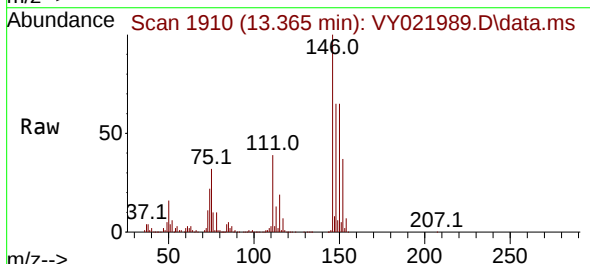
Tgt Ion:146 Resp: 144309
Ion Ratio Lower Upper
146 100
111 39.6 19.1 57.5
148 65.2 32.0 96.2

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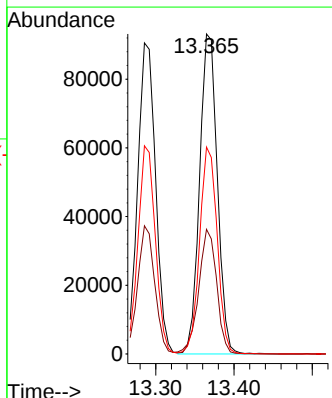
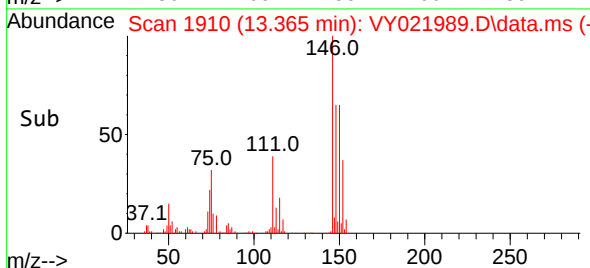
Reviewed By :Mahesh Dadoda 04/25/2025
Supervised By :Semsettin Yesilyurt 04/25/2025

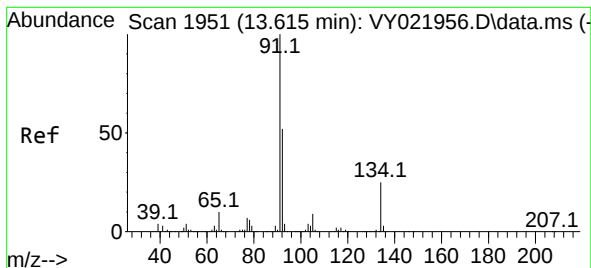


#88
1,4-Dichlorobenzene
Concen: 18.850 ug/l
RT: 13.365 min Scan# 1910
Delta R.T. 0.000 min
Lab File: VY021989.D
Acq: 24 Apr 2025 09:35



Tgt Ion:146 Resp: 146523
Ion Ratio Lower Upper
146 100
111 39.7 19.2 57.6
148 64.1 32.0 96.0





#89

n-Butylbenzene

Concen: 18.267 ug/l

RT: 13.621 min Scan# 1951

Delta R.T. 0.006 min

Lab File: VY021989.D

Acq: 24 Apr 2025 09:35

Instrument :

MSVOA_Y

ClientSampleId :

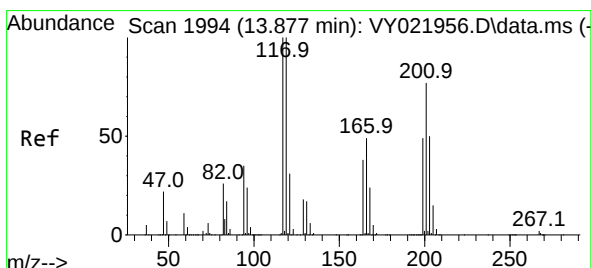
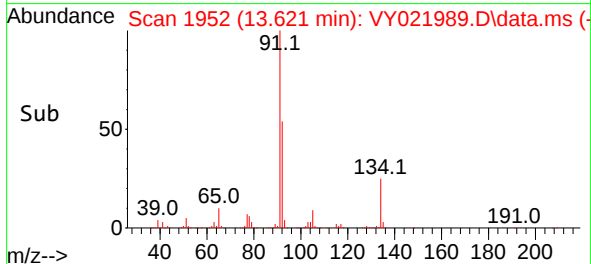
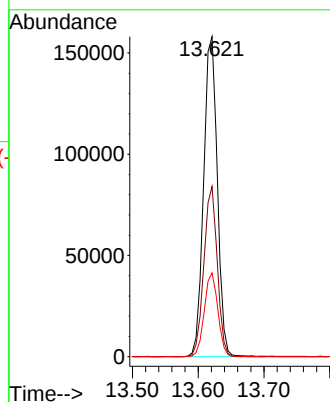
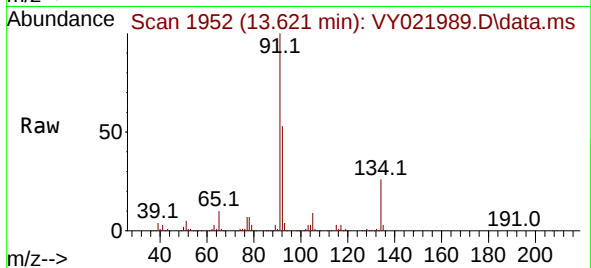
VY0424SBS01

Tgt Ion: 91 Resp: 229275
 Ion Ratio Lower Upper
 91 100
 92 52.0 26.5 79.5
 134 25.9 13.4 40.1

Manual Integrations

APPROVED

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



#90

Hexachloroethane

Concen: 18.549 ug/l

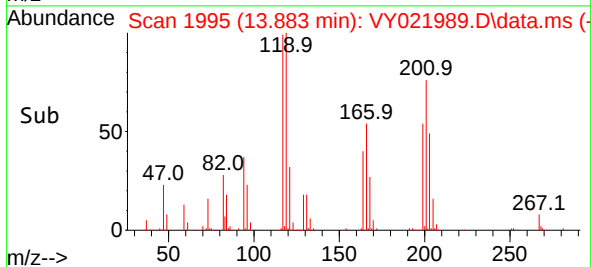
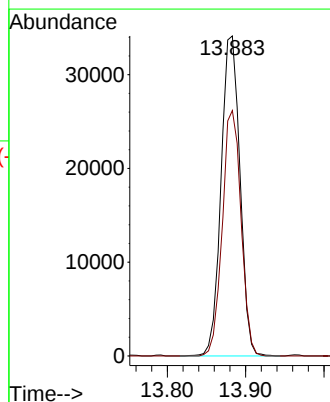
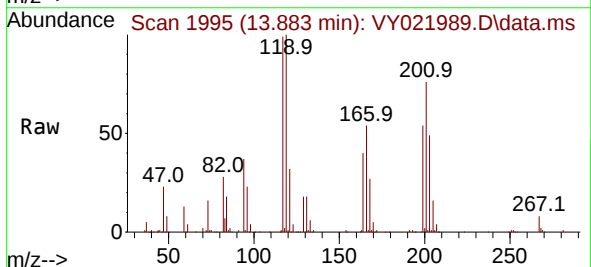
RT: 13.883 min Scan# 1995

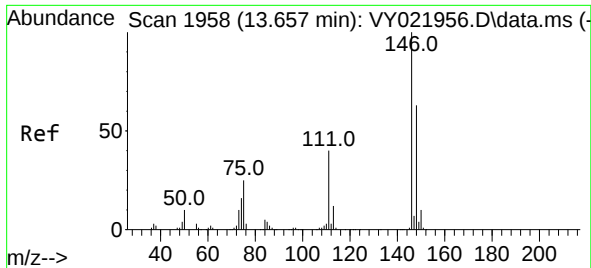
Delta R.T. 0.006 min

Lab File: VY021989.D

Acq: 24 Apr 2025 09:35

Tgt Ion:117 Resp: 57227
 Ion Ratio Lower Upper
 117 100
 201 76.0 38.7 116.1





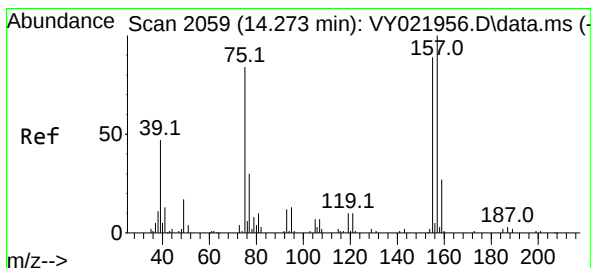
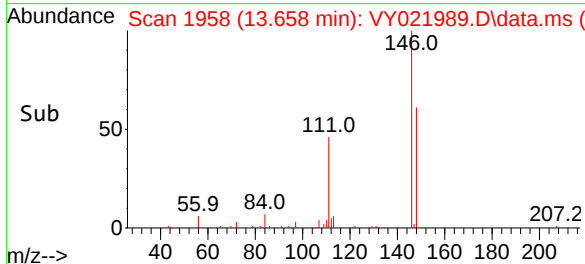
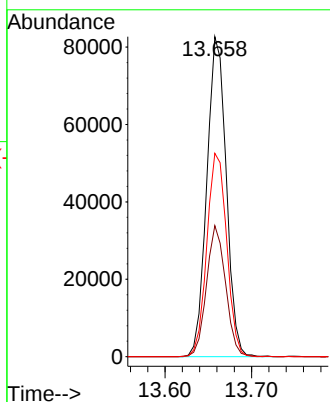
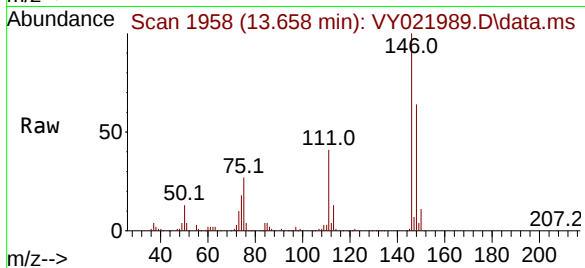
#91
1,2-Dichlorobenzene
Concen: 18.806 ug/l
RT: 13.658 min Scan# 1958
Delta R.T. 0.000 min
Lab File: VY021989.D
Acq: 24 Apr 2025 09:35

Instrument :
MSVOA_Y
ClientSampleId :
VY0424SBS01

Tgt Ion:146 Resp: 12873
Ion Ratio Lower Upper
146 100
111 40.3 19.7 59.1
148 65.0 32.1 96.3

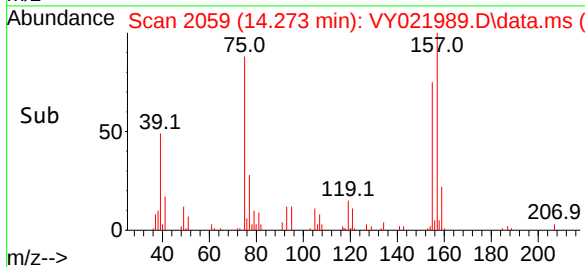
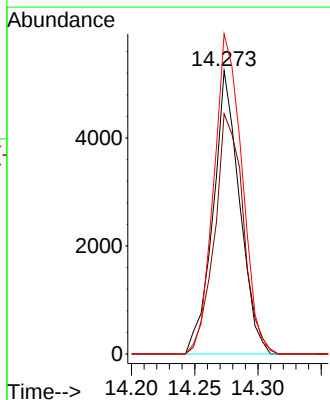
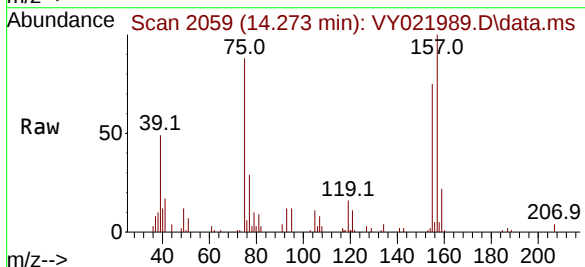
Manual Integrations
APPROVED

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



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.591 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. 0.000 min
Lab File: VY021989.D
Acq: 24 Apr 2025 09:35

Tgt Ion: 75 Resp: 7626
Ion Ratio Lower Upper
75 100
155 91.5 50.7 152.3
157 120.2 62.6 187.8





#93

1,2,4-Trichlorobenzene

Concen: 18.050 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY021989.D

Acq: 24 Apr 2025 09:35

Instrument :

MSVOA_Y

ClientSampleId :

VY0424SBS01

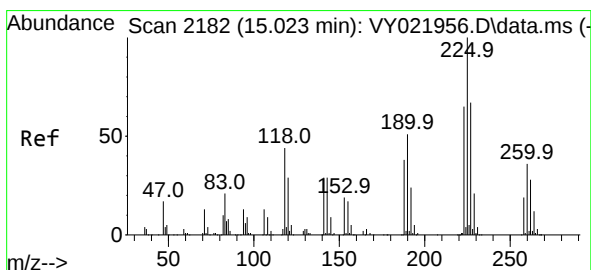
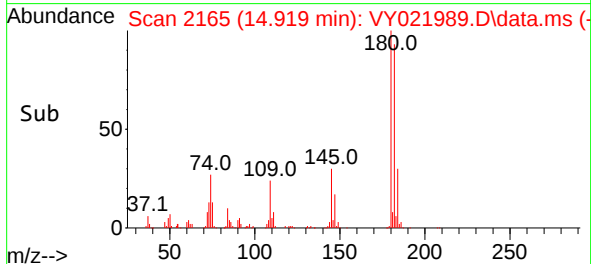
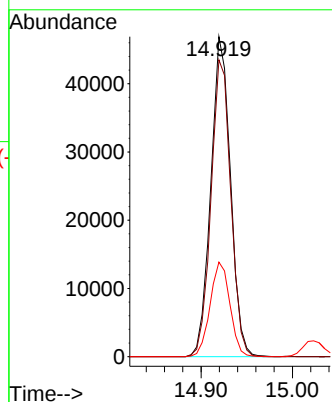
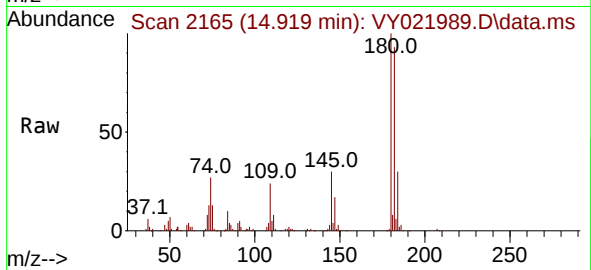
Tgt Ion:180	Resp:	70019
Ion Ratio	Lower	Upper
180	100	
182	93.1	47.1 141.4
145	29.8	15.0 45.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/25/2025

Supervised By :Semsettin Yesilyurt 04/25/2025



#94

Hexachlorobutadiene

Concen: 18.580 ug/l

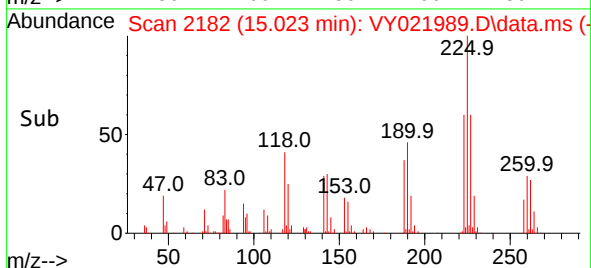
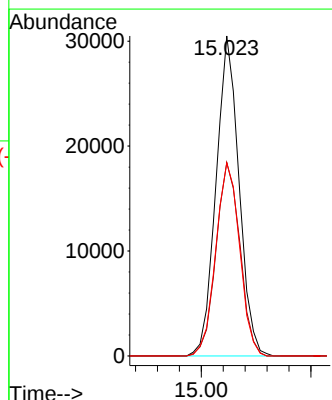
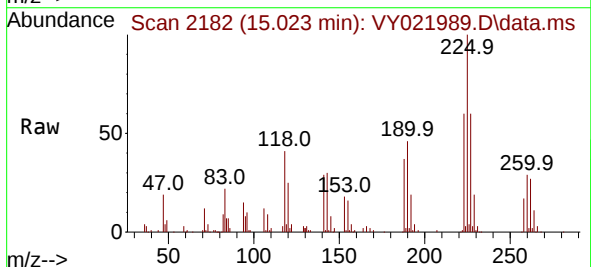
RT: 15.023 min Scan# 2182

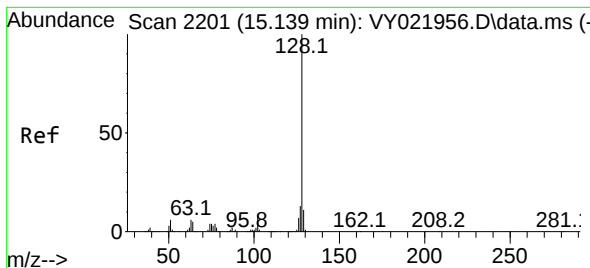
Delta R.T. 0.000 min

Lab File: VY021989.D

Acq: 24 Apr 2025 09:35

Tgt Ion:225	Resp:	44345
Ion Ratio	Lower	Upper
225	100	
223	62.9	31.9 95.5
227	62.6	32.3 96.9





#95

Naphthalene

Concen: 17.239 ug/l

RT: 15.145 min Scan# 2110

Delta R.T. 0.006 min

Lab File: VY021989.D

Acq: 24 Apr 2025 09:35

Instrument :

MSVOA_Y

ClientSampleId :

VY0424SBS01

Tgt Ion:128 Resp: 11108

Ion Ratio Lower Upper

128 100

127 13.0 10.6 16.0

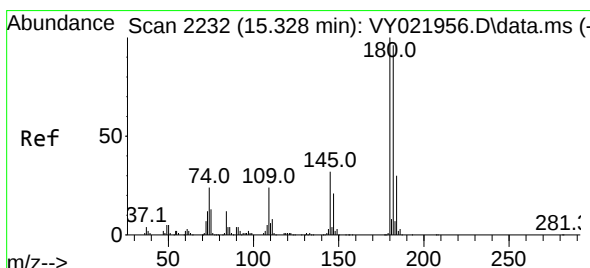
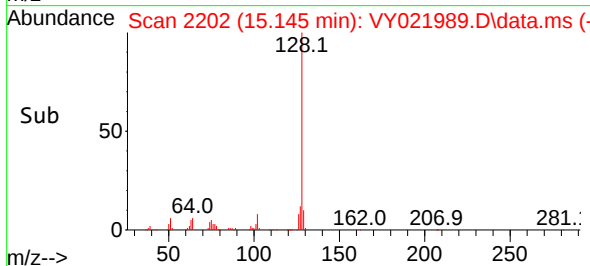
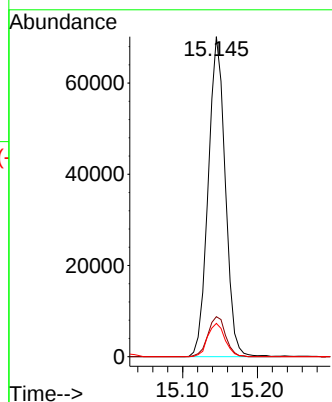
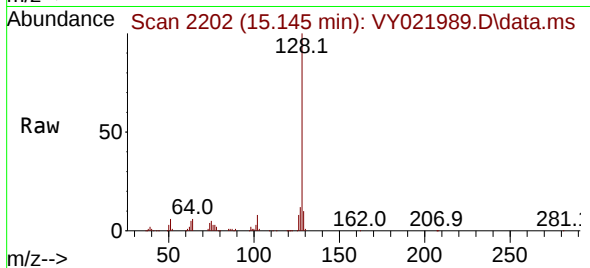
129 10.6 8.9 13.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/25/2025

Supervised By :Semsettin Yesilyurt 04/25/2025



#96

1,2,3-Trichlorobenzene

Concen: 17.709 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY021989.D

Acq: 24 Apr 2025 09:35

Tgt Ion:180 Resp: 59300

Ion Ratio Lower Upper

180 100

182 96.2 48.1 144.4

145 32.2 16.0 48.0

