

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042525\
 Data File : VY021999.D
 Acq On : 25 Apr 2025 10:45
 Operator : SY/MD
 Sample : VY0425SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0425SBS01

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 04/28/2025
 Supervised By : Mahesh Dadoda 04/28/2025

Quant Time: Apr 25 22:54:27 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	297056	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	450727	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	415359	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	222959	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	130883	47.700	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.400%
35) Dibromofluoromethane	7.634	113	145611	48.900	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.800%
50) Toluene-d8	10.109	98	557014	49.618	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.240%
62) 4-Bromofluorobenzene	12.408	95	183983	48.684	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	97.360%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	48256	19.064	ug/l	95
3) Chloromethane	2.068	50	72982	20.249	ug/l	98
4) Vinyl Chloride	2.202	62	86367	19.500	ug/l	97
5) Bromomethane	2.592	94	75038	19.665	ug/l	99
6) Chloroethane	2.733	64	57273	18.987	ug/l	99
7) Trichlorofluoromethane	3.056	101	117948	20.196	ug/l	94
8) Diethyl Ether	3.452	74	28558	18.787	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.812	101	63387	20.007	ug/l	99
10) Methyl Iodide	4.001	142	65678	17.905	ug/l	99
11) Tert butyl alcohol	4.879	59	14643	97.208	ug/l #	87
12) 1,1-Dichloroethene	3.787	96	56961	19.289	ug/l	91
13) Acrolein	3.653	56	23641	87.442	ug/l	97
14) Allyl chloride	4.385	41	64418	18.734	ug/l	99
15) Acrylonitrile	5.055	53	53516	96.166	ug/l	99
16) Acetone	3.879	43	40267	99.237	ug/l	91
17) Carbon Disulfide	4.104	76	182984	19.434	ug/l	99
18) Methyl Acetate	4.385	43	24671	19.248	ug/l	97
19) Methyl tert-butyl Ether	5.116	73	124520	18.839	ug/l	100
20) Methylene Chloride	4.616	84	63680	18.354	ug/l	98
21) trans-1,2-Dichloroethene	5.110	96	64175	19.405	ug/l	97
22) Diisopropyl ether	6.025	45	150511	19.669	ug/l	99
23) Vinyl Acetate	5.964	43	393047	95.309	ug/l	99
24) 1,1-Dichloroethane	5.921	63	101124	19.065	ug/l	99
25) 2-Butanone	6.896	43	59613	95.312	ug/l	96
26) 2,2-Dichloropropane	6.884	77	92939	19.992	ug/l	99
27) cis-1,2-Dichloroethene	6.896	96	70095	18.955	ug/l	99
28) Bromochloromethane	7.244	49	40776	19.792	ug/l	99
29) Tetrahydrofuran	7.262	42	39354	96.879	ug/l	98
30) Chloroform	7.421	83	115792	19.681	ug/l	97
31) Cyclohexane	7.707	56	86725	19.120	ug/l	96
32) 1,1,1-Trichloroethane	7.616	97	102426	19.243	ug/l	98
36) 1,1-Dichloropropene	7.835	75	80559	20.140	ug/l	100
37) Ethyl Acetate	6.988	43	26569	18.495	ug/l #	95
38) Carbon Tetrachloride	7.823	117	97918	20.487	ug/l	100
39) Methylcyclohexane	9.110	83	97089	19.288	ug/l	95
40) Benzene	8.079	78	250490	20.034	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.244	41	16851m	21.458	ug/l	
42) 1,2-Dichloroethane	8.158	62	63906	20.643	ug/l	99
43) Isopropyl Acetate	8.201	43	54134	19.622	ug/l #	85
44) Trichloroethene	8.866	130	69583	20.092	ug/l	98
45) 1,2-Dichloropropane	9.140	63	55378	20.028	ug/l	90
46) Dibromomethane	9.238	93	34819	20.116	ug/l	100
47) Bromodichloromethane	9.427	83	87117	20.147	ug/l	97
48) Methyl methacrylate	9.225	41	23298	18.268	ug/l	92
49) 1,4-Dioxane	9.231	88	6866	372.164	ug/l #	88
51) 4-Methyl-2-Pentanone	10.000	43	146930	101.597	ug/l	98
52) Toluene	10.170	92	165029	20.390	ug/l	100
53) t-1,3-Dichloropropene	10.396	75	74047	19.964	ug/l	96
54) cis-1,3-Dichloropropene	9.859	75	87333	19.808	ug/l	99
55) 1,1,2-Trichloroethane	10.573	97	46980	20.319	ug/l	98
56) Ethyl methacrylate	10.439	69	49286	18.640	ug/l	96
57) 1,3-Dichloropropane	10.719	76	73911	19.940	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.713	63	126178	97.604	ug/l	99
59) 2-Hexanone	10.762	43	93776	98.309	ug/l	96
60) Dibromochloromethane	10.914	129	65403	20.431	ug/l	100
61) 1,2-Dibromoethane	11.012	107	43798	20.065	ug/l	100
64) Tetrachloroethene	10.652	164	76025	19.402	ug/l	96
65) Chlorobenzene	11.444	112	181406	19.530	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.518	131	66401	20.306	ug/l	98
67) Ethyl Benzene	11.524	91	289521	19.054	ug/l	98
68) m/p-Xylenes	11.633	106	237394	39.263	ug/l	99
69) o-Xylene	11.957	106	108158	19.408	ug/l	99
70) Styrene	11.969	104	179838	19.220	ug/l	99
71) Bromoform	12.133	173	37762	19.862	ug/l #	99
73) Isopropylbenzene	12.255	105	278686	18.709	ug/l	100
74) N-amyl acetate	12.072	43	45711	17.861	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.511	83	49999	19.909	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	39199m	20.526	ug/l	
77) Bromobenzene	12.536	156	73609	19.556	ug/l	99
78) n-propylbenzene	12.597	91	342371	19.300	ug/l	100
79) 2-Chlorotoluene	12.682	91	195795	18.979	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	237505	19.351	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	14889	18.775	ug/l	94
82) 4-Chlorotoluene	12.780	91	210075	19.589	ug/l	100
83) tert-Butylbenzene	12.999	119	202716	18.416	ug/l	97
84) 1,2,4-Trimethylbenzene	13.048	105	237242	19.325	ug/l	99
85) sec-Butylbenzene	13.176	105	312145	19.379	ug/l	99
86) p-Isopropyltoluene	13.292	119	261247	19.100	ug/l	100
87) 1,3-Dichlorobenzene	13.292	146	147344	19.274	ug/l	100
88) 1,4-Dichlorobenzene	13.371	146	144803	19.125	ug/l	98
89) n-Butylbenzene	13.621	91	228332	18.677	ug/l	99
90) Hexachloroethane	13.883	117	58006	19.303	ug/l	98
91) 1,2-Dichlorobenzene	13.664	146	130202	19.527	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.273	75	7588	18.991	ug/l	92
93) 1,2,4-Trichlorobenzene	14.926	180	68437	18.112	ug/l	99
94) Hexachlorobutadiene	15.029	225	44059	18.952	ug/l	99
95) Naphthalene	15.145	128	103984	16.567	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	57687	17.687	ug/l	99

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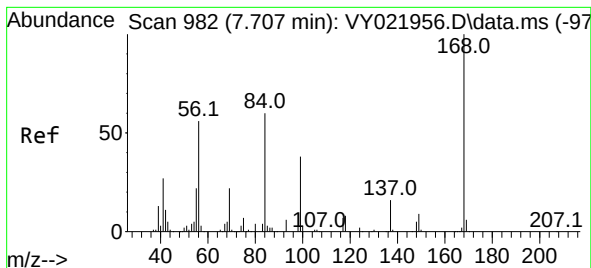
Manual Integrations
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Supervised By :Mahesh Dadoda 04/28/2025

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.707 min Scan# 9

Delta R.T. 0.000 min

Lab File: VY021999.D

Acq: 25 Apr 2025 10:45

Instrument :

MSVOA_Y

ClientSampleId :

VY0425SBS01

Tgt Ion:168 Resp: 29705

Ion Ratio Lower Upper

168 100

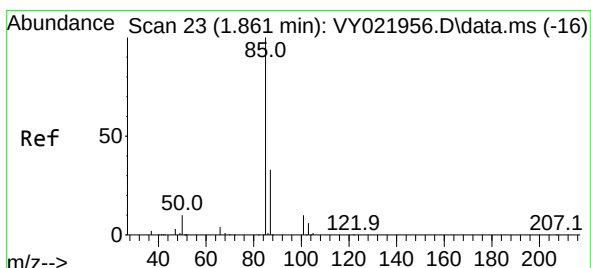
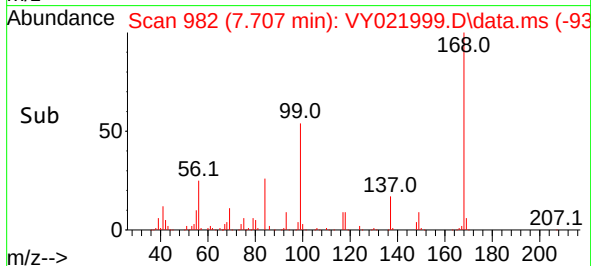
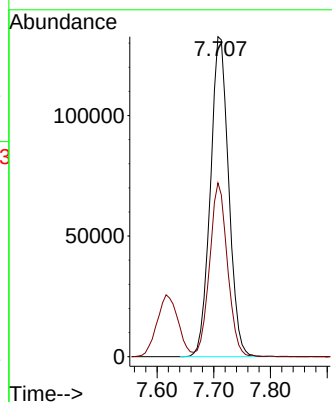
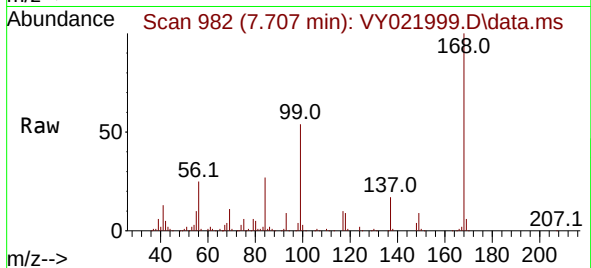
99 54.2 43.1 64.7

Manual Integrations

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Supervised By :Mahesh Dadoda 04/28/2025



#2

Dichlorodifluoromethane

Concen: 19.064 ug/l

RT: 1.867 min Scan# 24

Delta R.T. 0.006 min

Lab File: VY021999.D

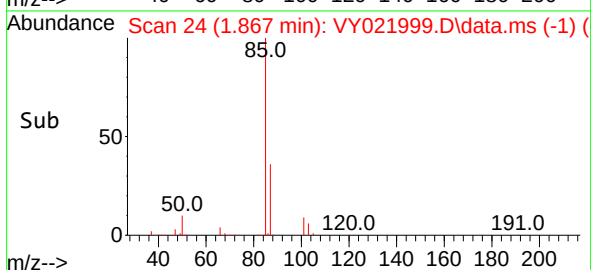
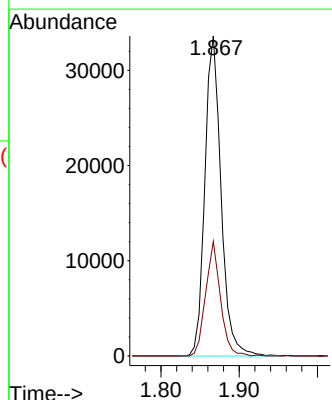
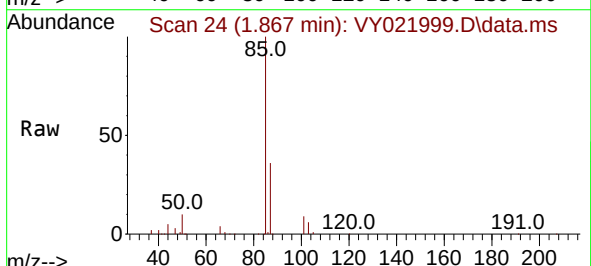
Acq: 25 Apr 2025 10:45

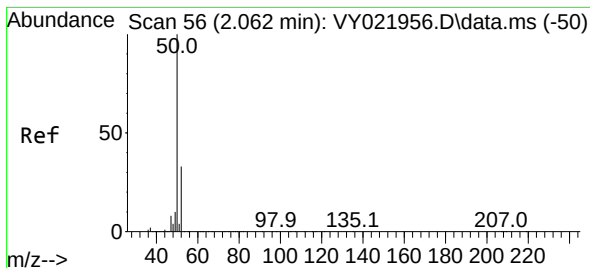
Tgt Ion: 85 Resp: 48256

Ion Ratio Lower Upper

85 100

87 35.8 16.6 49.7





#3

Chloromethane

Concen: 20.249 ug/l

RT: 2.068 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY021999.D

Acq: 25 Apr 2025 10:45

Instrument :

MSVOA_Y

ClientSampleId :

VY0425SBS01

Tgt Ion: 50 Resp: 7298

Ion Ratio Lower Upper

50 100

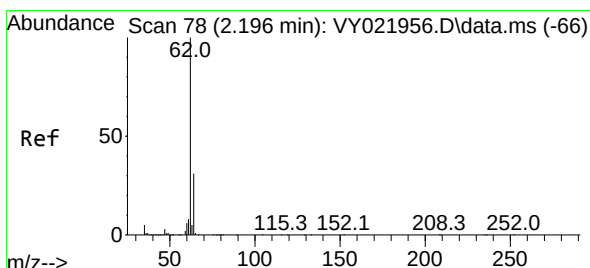
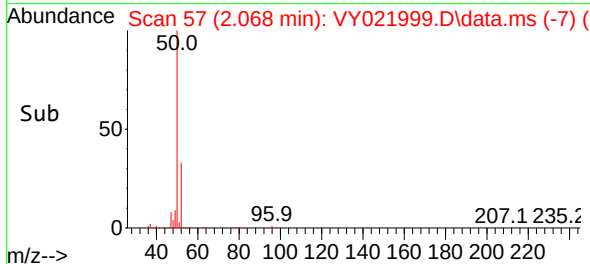
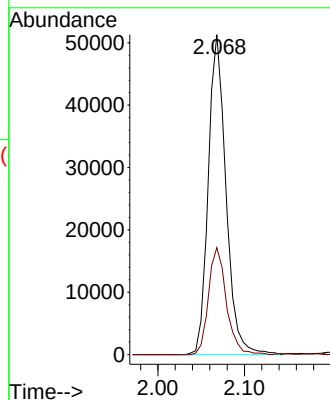
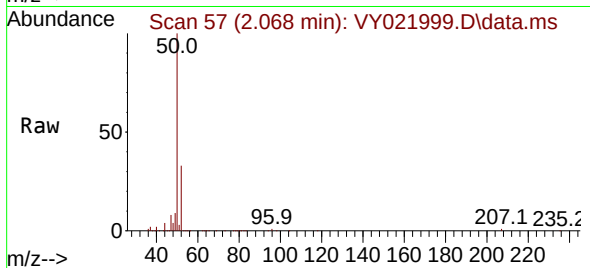
52 33.5 26.1 39.1

Manual Integrations

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Supervised By :Mahesh Dadoda 04/28/2025



#4

Vinyl Chloride

Concen: 19.500 ug/l

RT: 2.202 min Scan# 79

Delta R.T. 0.006 min

Lab File: VY021999.D

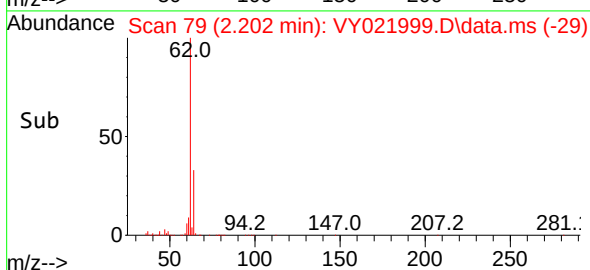
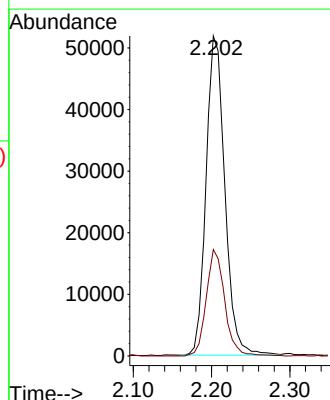
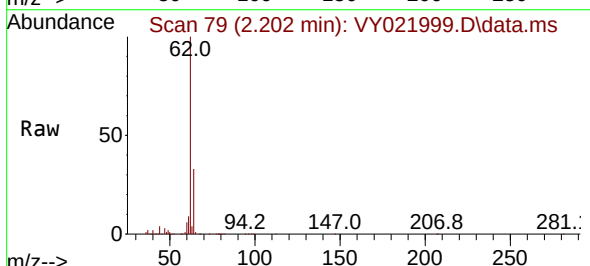
Acq: 25 Apr 2025 10:45

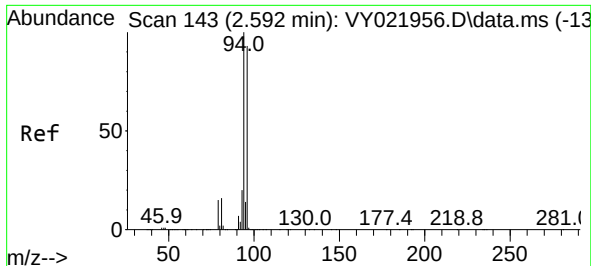
Tgt Ion: 62 Resp: 86367

Ion Ratio Lower Upper

62 100

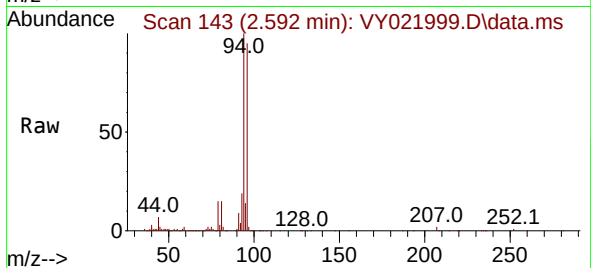
64 33.3 25.1 37.7





#5
Bromomethane
Concen: 19.665 ug/l
RT: 2.592 min Scan# 143
Delta R.T. 0.000 min
Lab File: VY021999.D
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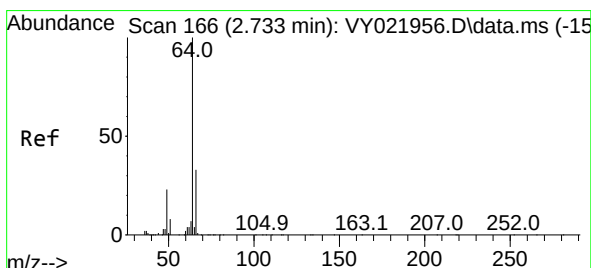
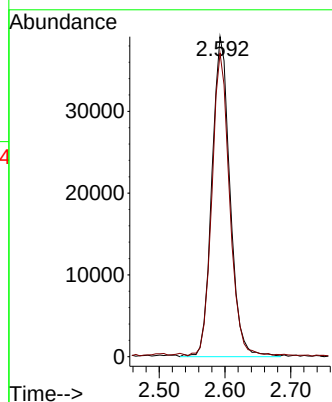
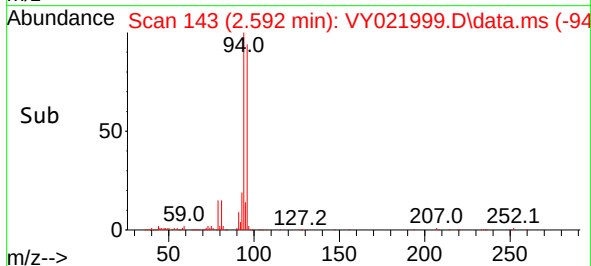
Instrument :
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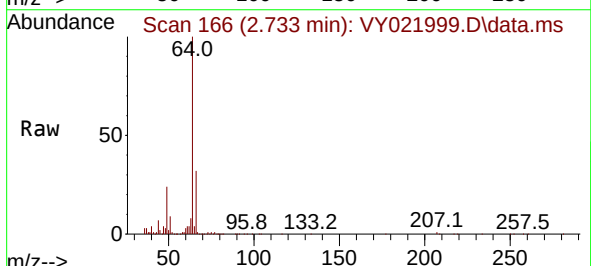
Tgt Ion: 94 Resp: 75038
Ion Ratio Lower Upper
94 100
96 94.2 74.6 111.8

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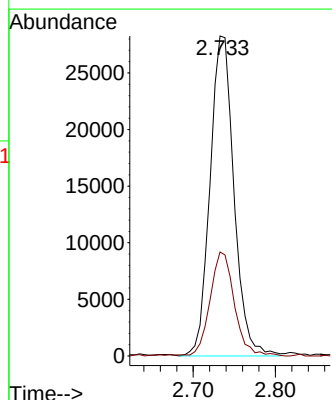
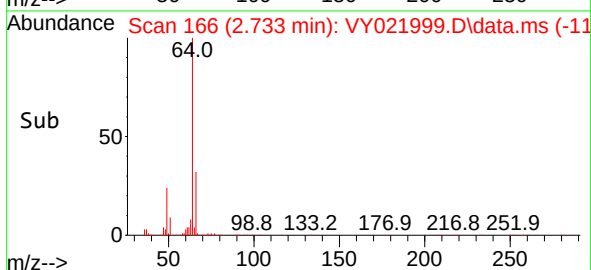
Reviewed By :Semsettin Yesilyurt 04/28/2025
Supervised By :Mahesh Dadoda 04/28/2025

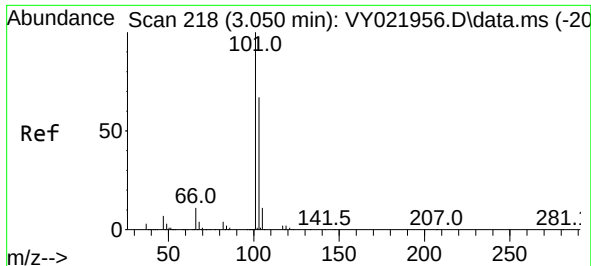


#6
Chloroethane
Concen: 18.987 ug/l
RT: 2.733 min Scan# 166
Delta R.T. 0.000 min
Lab File: VY021999.D
Acq: 25 Apr 2025 10:45



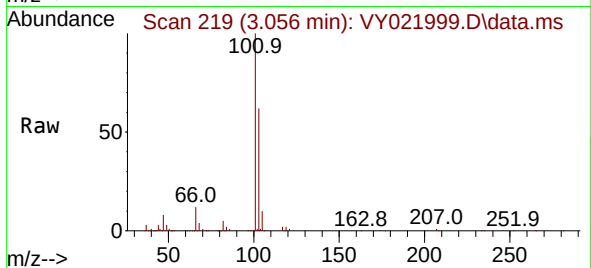
Tgt Ion: 64 Resp: 57273
Ion Ratio Lower Upper
64 100
66 32.3 26.2 39.4





#7
 Trichlorofluoromethane
 Concen: 20.196 ug/l
 RT: 3.056 min Scan# 218
 Delta R.T. 0.006 min
 Lab File: VY021999.D
 Acq: 25 Apr 2025 10:45

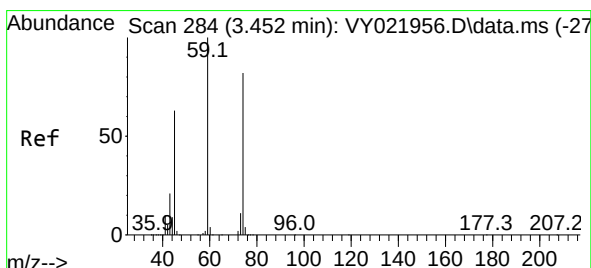
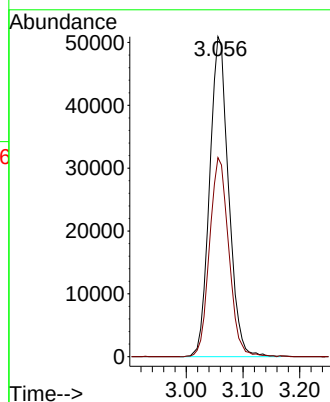
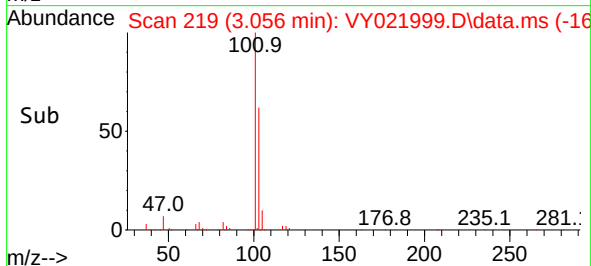
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0425SBS01



Tgt Ion:101 Resp: 117948
 Ion Ratio Lower Upper
 101 100
 103 62.2 53.6 80.4

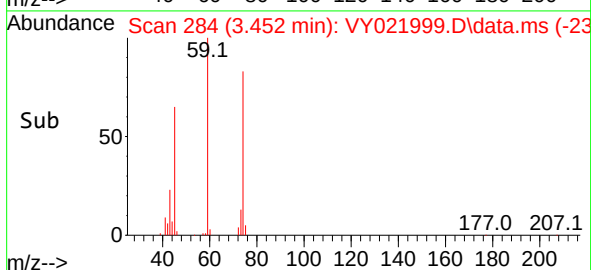
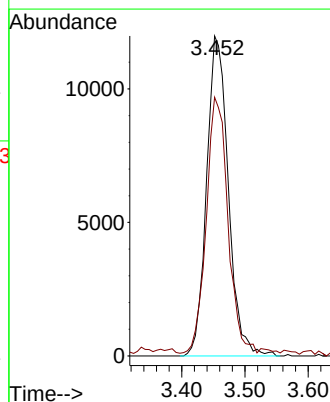
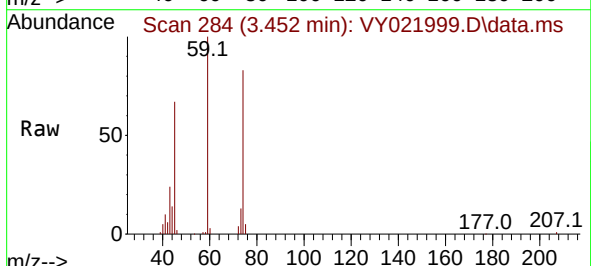
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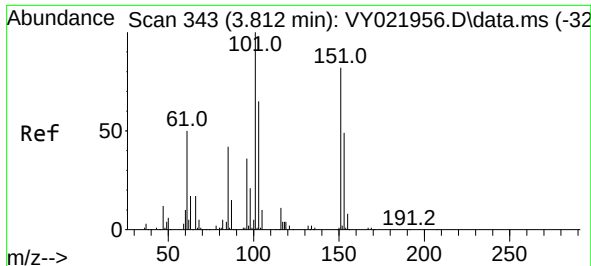
Reviewed By :Semsettin Yesilyurt 04/28/2025
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#8
 Diethyl Ether
 Concen: 18.787 ug/l
 RT: 3.452 min Scan# 284
 Delta R.T. 0.000 min
 Lab File: VY021999.D
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Tgt Ion: 74 Resp: 28558
 Ion Ratio Lower Upper
 74 100
 45 80.0 39.1 117.5





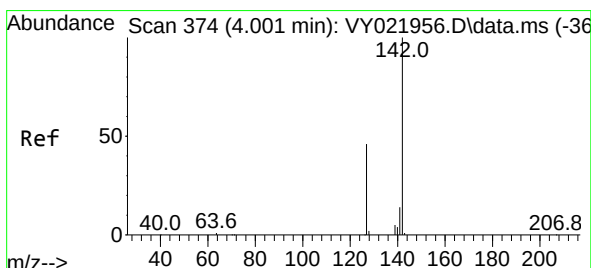
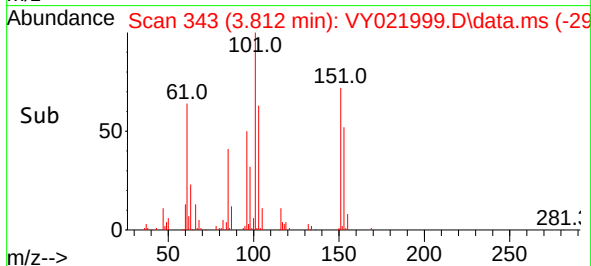
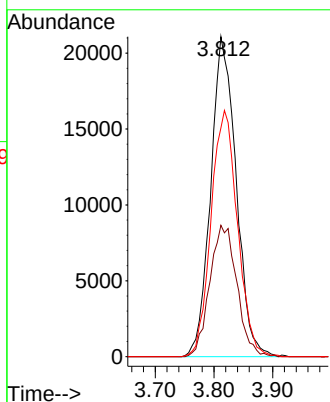
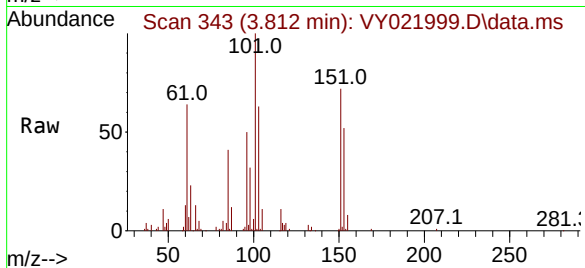
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.007 ug/l
RT: 3.812 min Scan# 343
Delta R.T. 0.000 min
Lab File: VY021999.D
Acq: 25 Apr 2025 10:45

Instrument :
MSVOA_Y
ClientSampleId :
VY0425SBS01

Tgt Ion:101 Resp: 6338
Ion Ratio Lower Upper
101 100
85 43.7 34.6 51.8
151 80.1 63.7 95.5

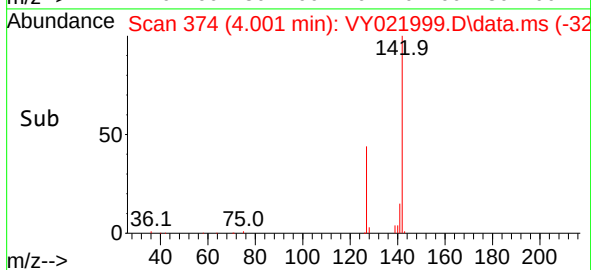
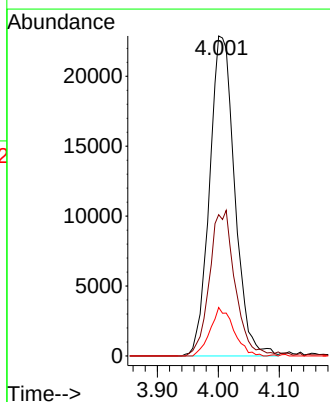
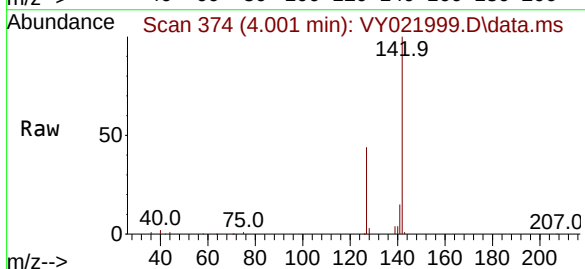
Manual Integrations
APPROVED

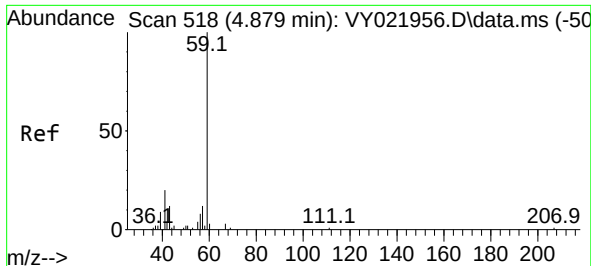
Reviewed By :Semsettin Yesilyurt 04/28/2025
Supervised By :Mahesh Dadoda 04/28/2025



#10
Methyl Iodide
Concen: 17.905 ug/l
RT: 4.001 min Scan# 374
Delta R.T. 0.000 min
Lab File: VY021999.D
Acq: 25 Apr 2025 10:45

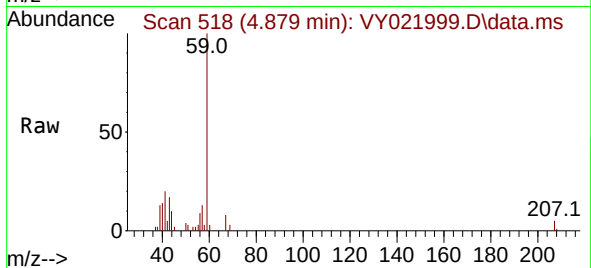
Tgt Ion:142 Resp: 65678
Ion Ratio Lower Upper
142 100
127 46.0 36.2 54.2
141 14.1 11.7 17.5





#11
Tert butyl alcohol
Concen: 97.208 ug/l
RT: 4.879 min Scan# 518
Delta R.T. 0.000 min
Lab File: VY021999.D
Acq: 25 Apr 2025 10:45

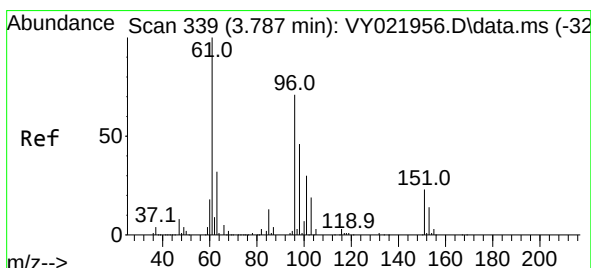
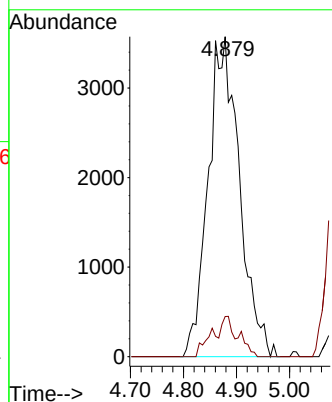
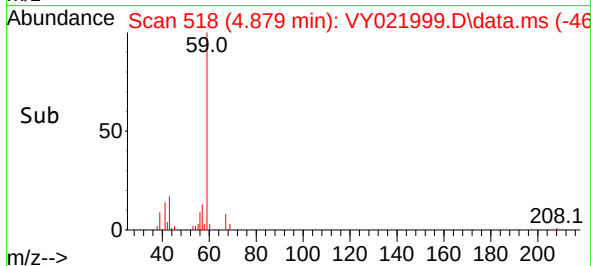
Instrument :
MSVOA_Y
ClientSampleId :
VY0425SBS01



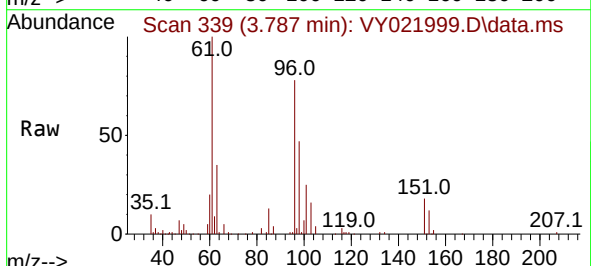
Tgt Ion: 59 Resp: 1464
Ion Ratio Lower Upper
59 100
57 6.6 9.3 13.9

Manual Integrations
APPROVED

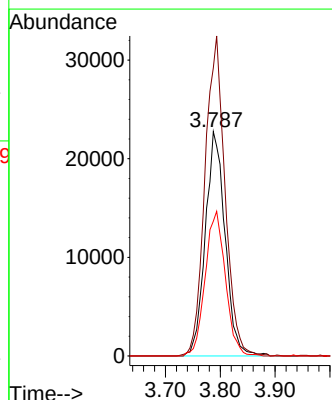
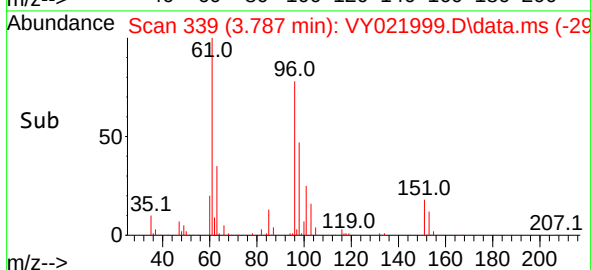
Reviewed By :Semsettin Yesilyurt 04/28/2025
Supervised By :Mahesh Dadoda 04/28/2025

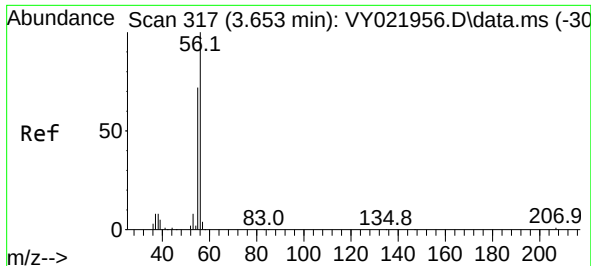


#12
1,1-Dichloroethene
Concen: 19.289 ug/l
RT: 3.787 min Scan# 339
Delta R.T. 0.000 min
Lab File: VY021999.D
Acq: 25 Apr 2025 10:45



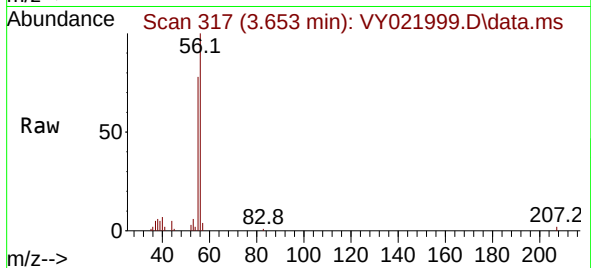
Tgt Ion: 96 Resp: 56961
Ion Ratio Lower Upper
96 100
61 128.1 113.0 169.4
98 60.1 51.4 77.2





#13
Acrolein
Concen: 87.442 ug/l
RT: 3.653 min Scan# 317
Delta R.T. 0.000 min
Lab File: VY021999.D
Acq: 25 Apr 2025 10:45

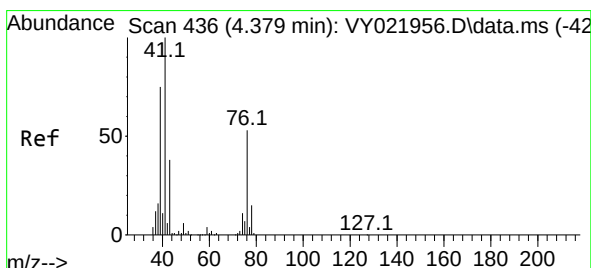
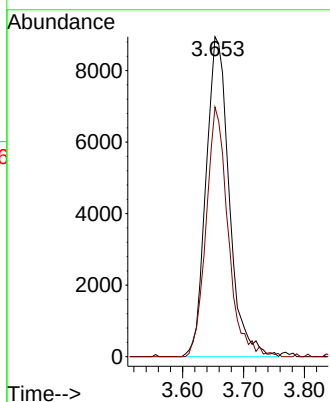
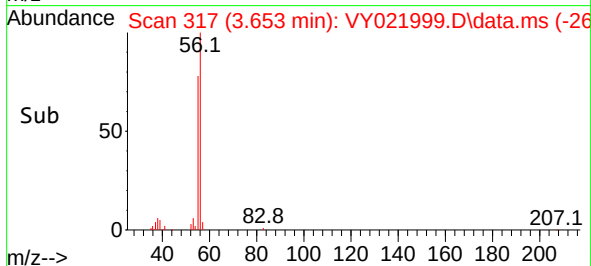
Instrument :
MSVOA_Y
ClientSampleId :
VY0425SBS01



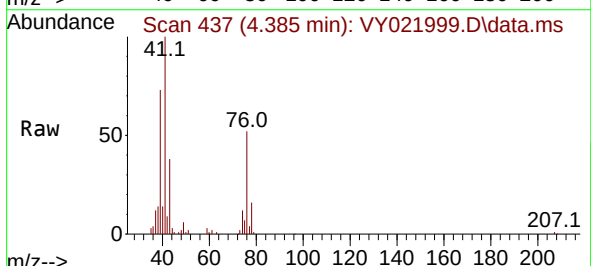
Tgt Ion: 56 Resp: 2364
Ion Ratio Lower Upper
56 100
55 74.4 57.4 86.0

Manual Integrations
APPROVED

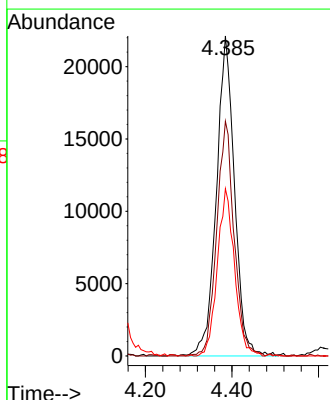
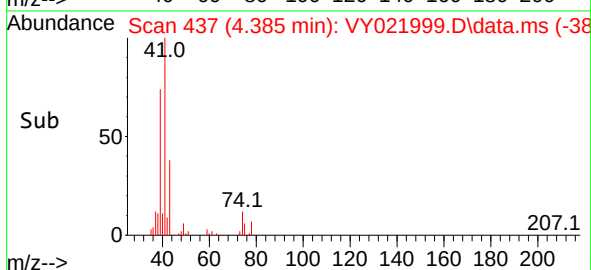
Reviewed By :Semsettin Yesilyurt 04/28/2025
Supervised By :Mahesh Dadoda 04/28/2025

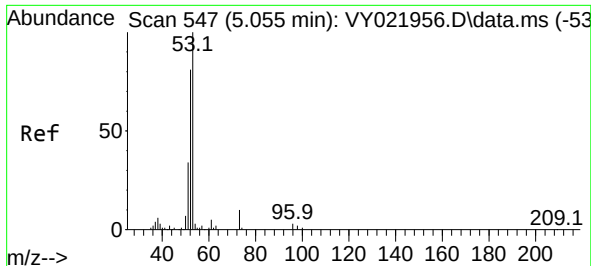


#14
Allyl chloride
Concen: 18.734 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY021999.D
Acq: 25 Apr 2025 10:45



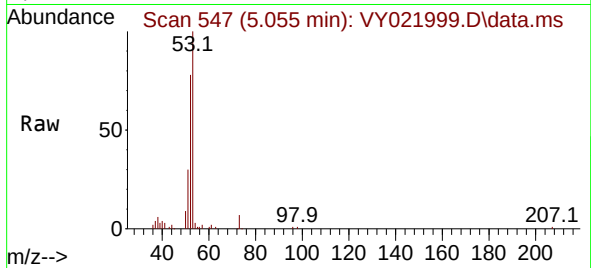
Tgt Ion: 41 Resp: 64418
Ion Ratio Lower Upper
41 100
39 70.7 57.2 85.8
76 49.5 39.7 59.5





#15
Acrylonitrile
Concen: 96.166 ug/l
RT: 5.055 min Scan# 547
Delta R.T. 0.000 min
Lab File: VY021999.D
Acq: 25 Apr 2025 10:45

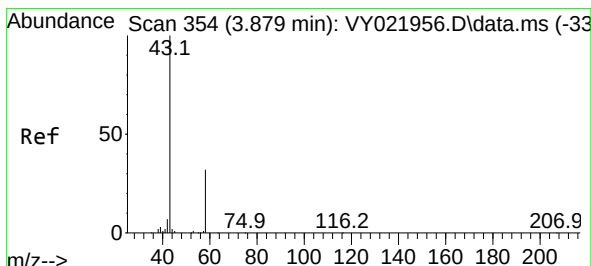
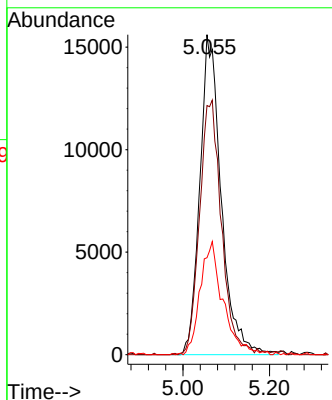
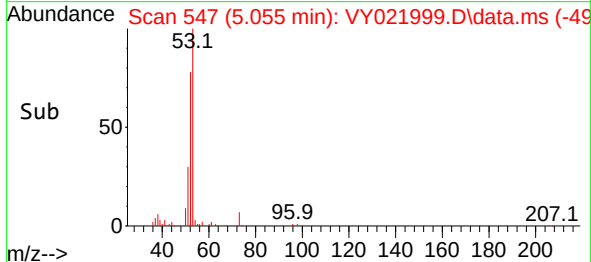
Instrument :
MSVOA_Y
ClientSampleId :
VY0425SBS01



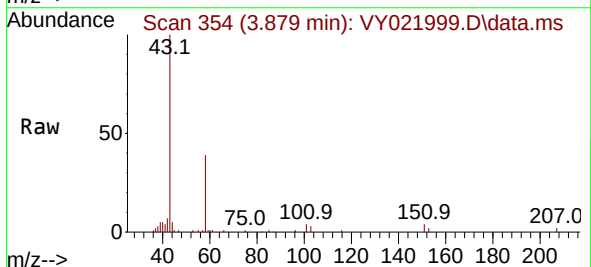
Tgt Ion: 53 Resp: 53510
Ion Ratio Lower Upper
53 100
52 81.1 65.0 97.6
51 37.5 28.9 43.3

Manual Integrations
APPROVED

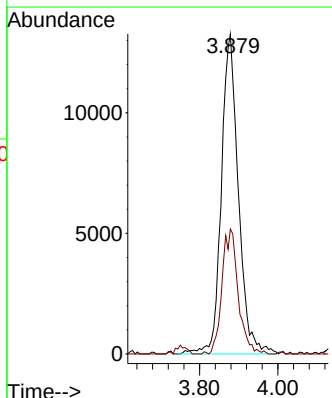
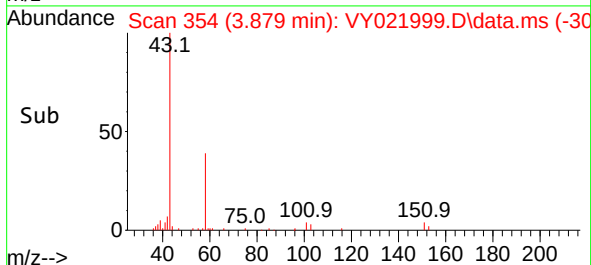
Reviewed By :Semsettin Yesilyurt 04/28/2025
Supervised By :Mahesh Dadoda 04/28/2025

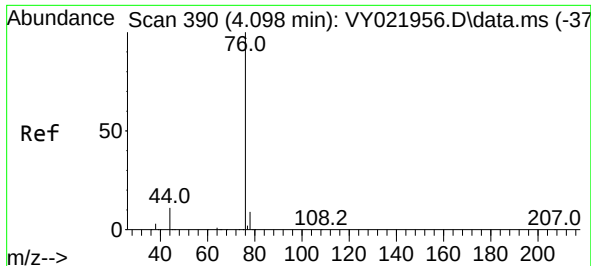


#16
Acetone
Concen: 99.237 ug/l
RT: 3.879 min Scan# 354
Delta R.T. -0.000 min
Lab File: VY021999.D
Acq: 25 Apr 2025 10:45



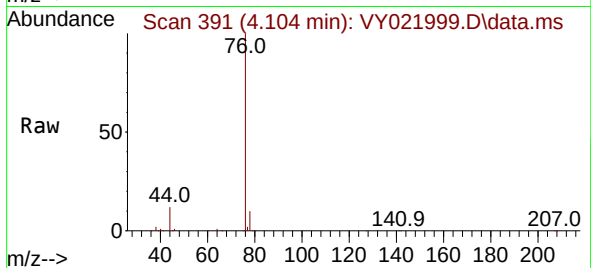
Tgt Ion: 43 Resp: 40267
Ion Ratio Lower Upper
43 100
58 38.6 27.0 40.4





#17
Carbon Disulfide
Concen: 19.434 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.006 min
Lab File: VY021999.D
Acq: 25 Apr 2025 10:45

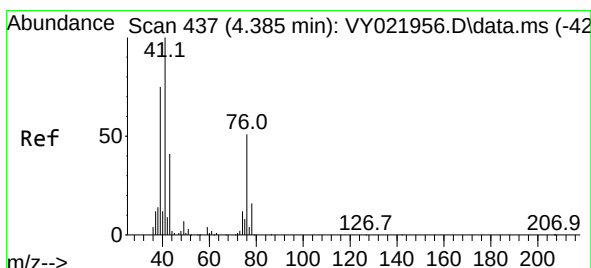
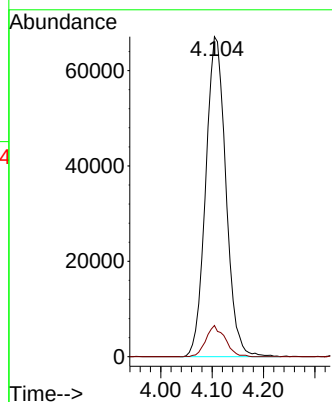
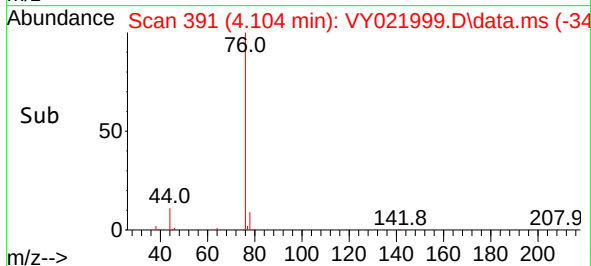
Instrument :
MSVOA_Y
ClientSampleId :
VY0425SBS01



Tgt Ion: 76 Resp: 182984
Ion Ratio Lower Upper
76 100
78 9.8 7.6 11.4

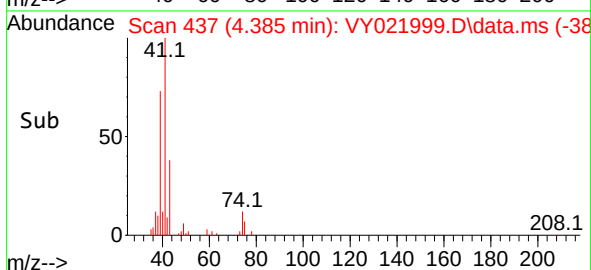
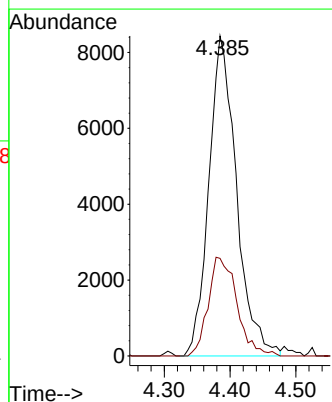
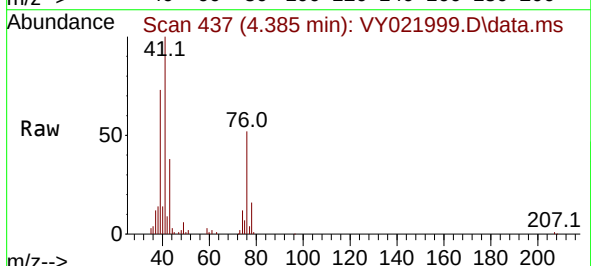
Manual Integrations
APPROVED

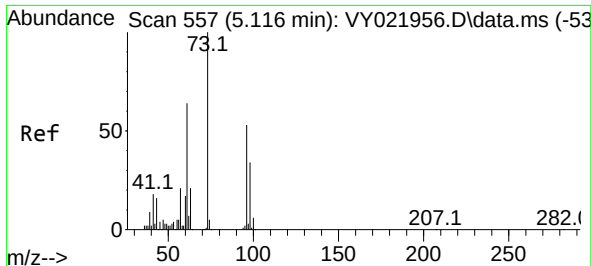
Reviewed By :Semsettin Yesilyurt 04/28/2025
Supervised By :Mahesh Dadoda 04/28/2025



#18
Methyl Acetate
Concen: 19.248 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY021999.D
Acq: 25 Apr 2025 10:45

Tgt Ion: 43 Resp: 24671
Ion Ratio Lower Upper
43 100
74 32.1 24.2 36.4





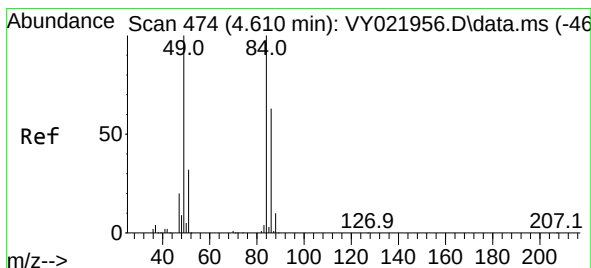
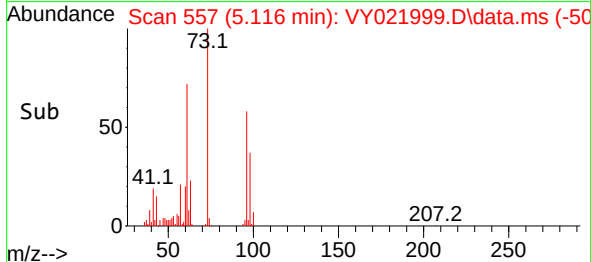
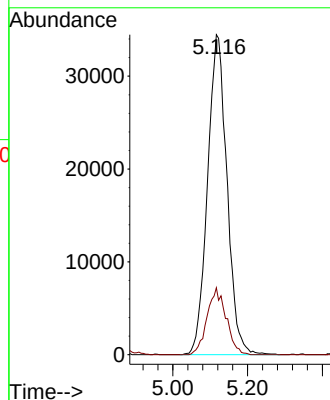
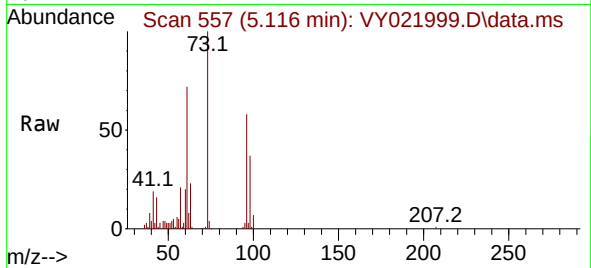
#19
Methyl tert-butyl Ether
Concen: 18.839 ug/l
RT: 5.116 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY021999.D
Acq: 25 Apr 2025 10:45

Instrument :
MSVOA_Y
ClientSampleId :
VY0425SBS01

Tgt Ion: 73 Resp: 124520
Ion Ratio Lower Upper
73 100
57 20.9 16.9 25.3

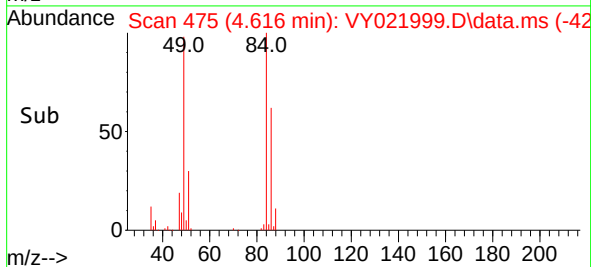
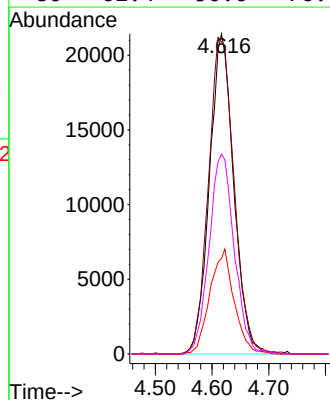
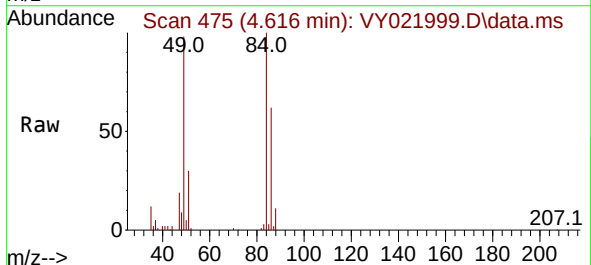
Manual Integrations
APPROVED

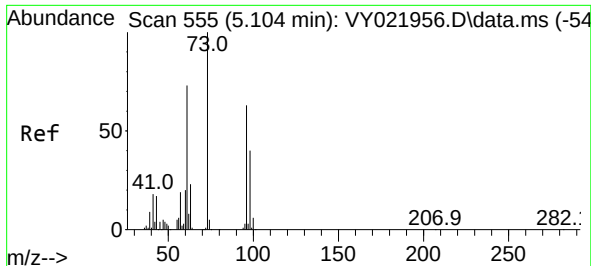
Reviewed By :Semsettin Yesilyurt 04/28/2025
Supervised By :Mahesh Dadoda 04/28/2025



#20
Methylene Chloride
Concen: 18.354 ug/l
RT: 4.616 min Scan# 475
Delta R.T. 0.006 min
Lab File: VY021999.D
Acq: 25 Apr 2025 10:45

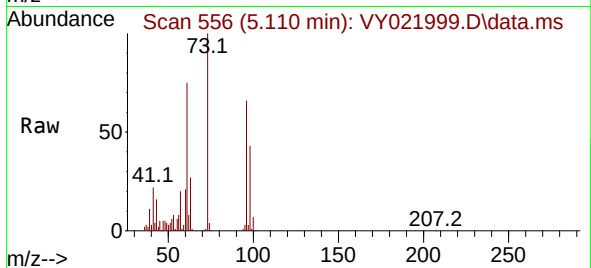
Tgt Ion: 84 Resp: 63680
Ion Ratio Lower Upper
84 100
49 97.6 79.9 119.9
51 29.8 25.4 38.0
86 62.4 50.6 76.0





#21
trans-1,2-Dichloroethene
Concen: 19.405 ug/l
RT: 5.110 min Scan# 511
Delta R.T. 0.006 min
Lab File: VY021999.D
Acq: 25 Apr 2025 10:45

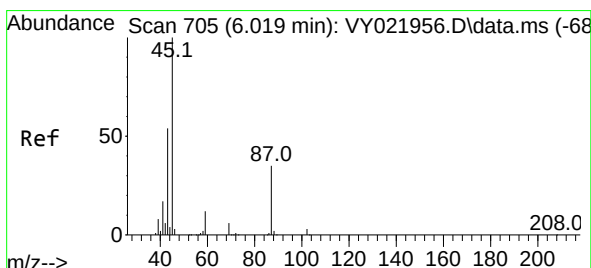
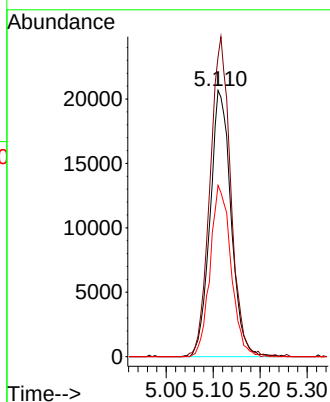
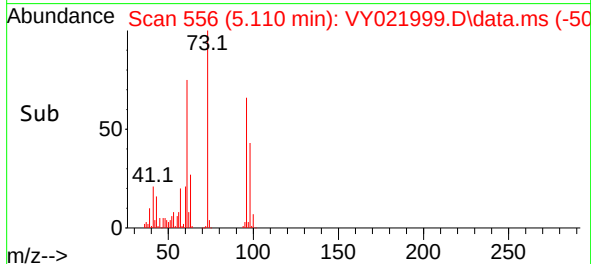
Instrument :
MSVOA_Y
ClientSampleId :
VY0425SBS01



Tgt Ion: 96 Resp: 64179
Ion Ratio Lower Upper
96 100
61 112.6 92.6 138.8
98 64.3 50.2 75.4

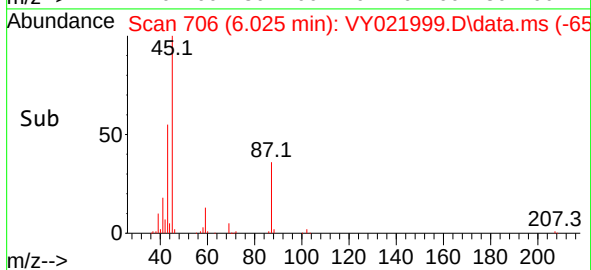
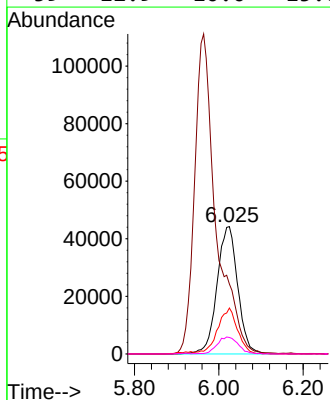
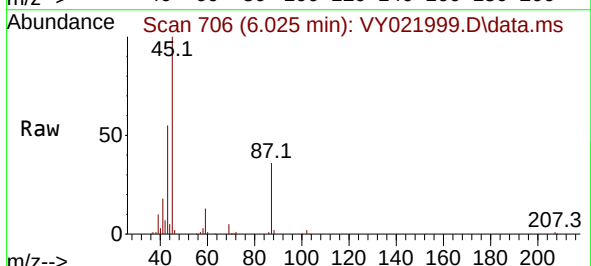
Manual Integrations
APPROVED

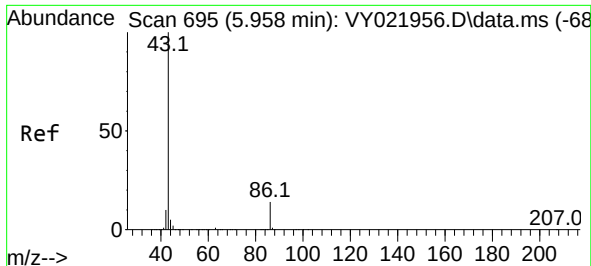
Reviewed By :Semsettin Yesilyurt 04/28/2025
Supervised By :Mahesh Dadoda 04/28/2025



#22
Diisopropyl ether
Concen: 19.669 ug/l
RT: 6.025 min Scan# 706
Delta R.T. 0.006 min
Lab File: VY021999.D
Acq: 25 Apr 2025 10:45

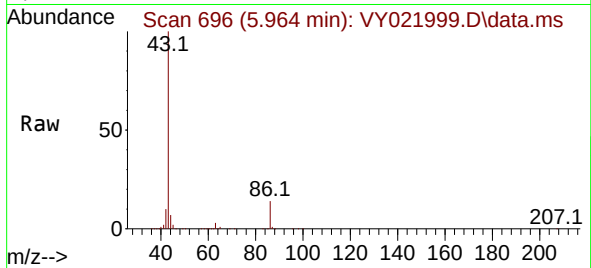
Tgt Ion: 45 Resp: 150511
Ion Ratio Lower Upper
45 100
43 54.4 43.6 65.4
87 36.0 28.2 42.4
59 12.9 10.0 15.0





#23
 Vinyl Acetate
 Concen: 95.309 ug/l
 RT: 5.964 min Scan# 61
 Delta R.T. 0.006 min
 Lab File: VY021999.D
 Acq: 25 Apr 2025 10:45

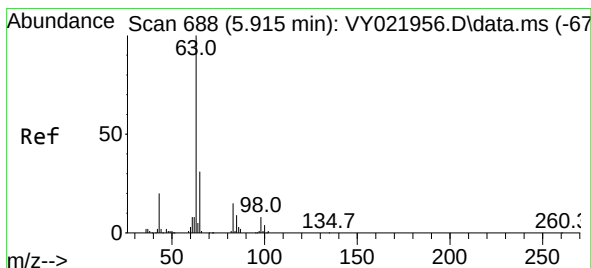
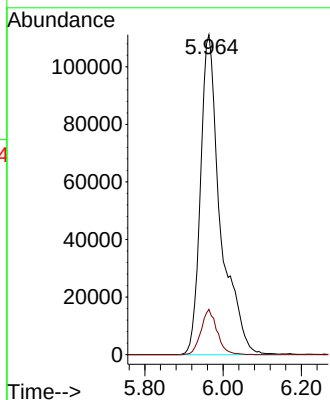
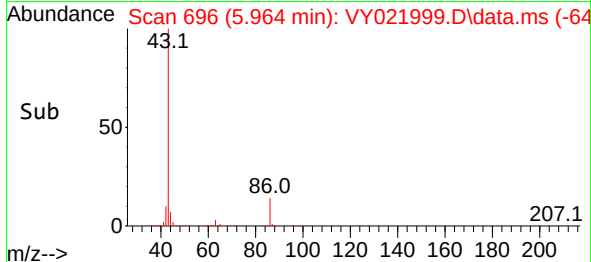
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0425SBS01



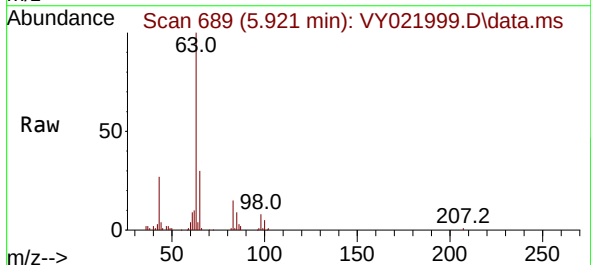
Tgt Ion: 43 Resp: 39304
 Ion Ratio Lower Upper
 43 100
 86 14.2 11.1 16.7

Manual Integrations
 APPROVED

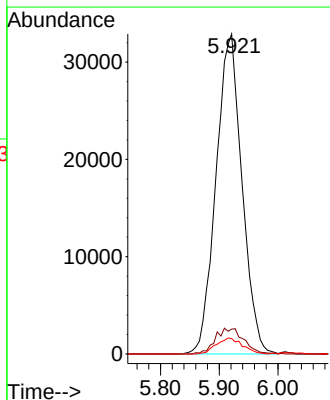
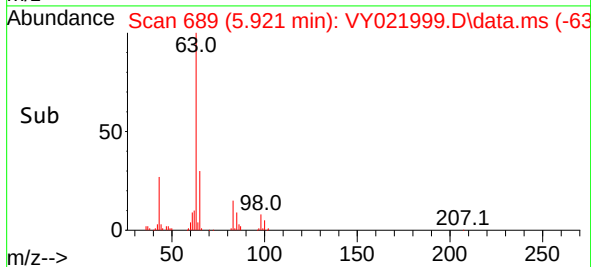
Reviewed By :Semsettin Yesilyurt 04/28/2025
 Supervised By :Mahesh Dadoda 04/28/2025

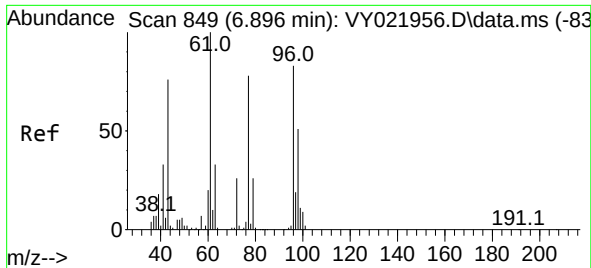


#24
 1,1-Dichloroethane
 Concen: 19.065 ug/l
 RT: 5.921 min Scan# 689
 Delta R.T. 0.006 min
 Lab File: VY021999.D
 Acq: 25 Apr 2025 10:45



Tgt Ion: 63 Resp: 101124
 Ion Ratio Lower Upper
 63 100
 98 7.8 4.0 11.9
 100 4.8 2.0 6.0





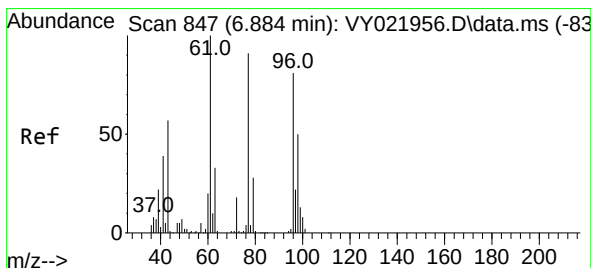
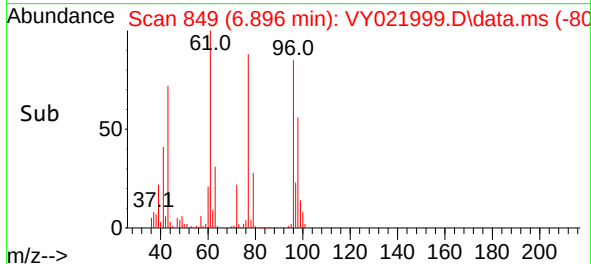
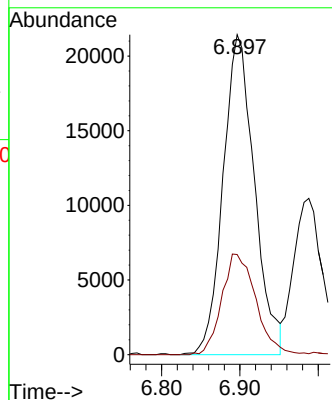
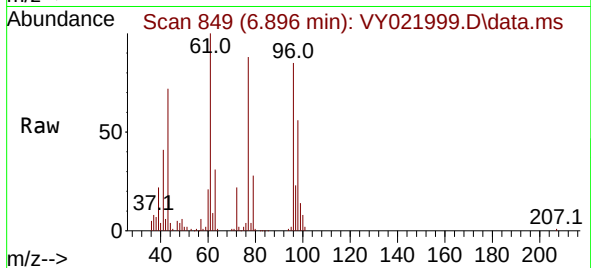
#25
2-Butanone
Concen: 95.312 ug/l
RT: 6.896 min Scan# 849
Delta R.T. 0.000 min
Lab File: VY021999.D
Acq: 25 Apr 2025 10:45

Instrument :
MSVOA_Y
ClientSampleId :
VY0425SBS01

Tgt Ion: 43 Resp: 5961
Ion Ratio Lower Upper
43 100
72 31.3 27.0 40.4

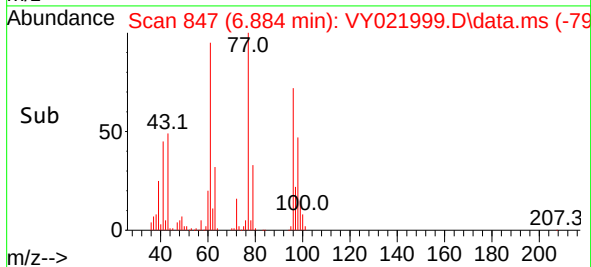
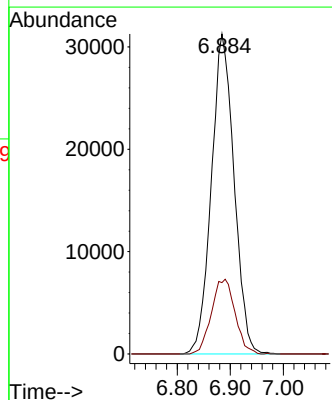
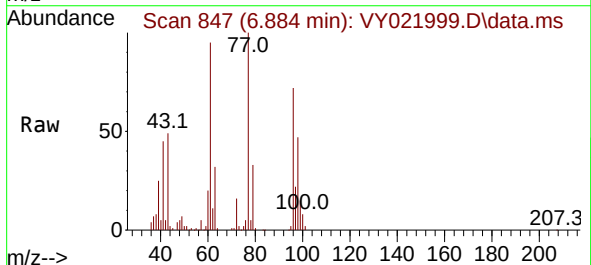
Manual Integrations
APPROVED

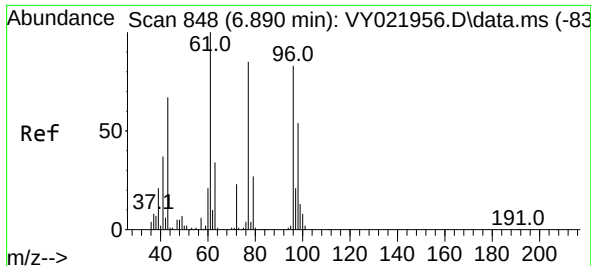
Reviewed By :Semsettin Yesilyurt 04/28/2025
Supervised By :Mahesh Dadoda 04/28/2025



#26
2,2-Dichloropropane
Concen: 19.992 ug/l
RT: 6.884 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY021999.D
Acq: 25 Apr 2025 10:45

Tgt Ion: 77 Resp: 92939
Ion Ratio Lower Upper
77 100
97 24.3 12.4 37.4





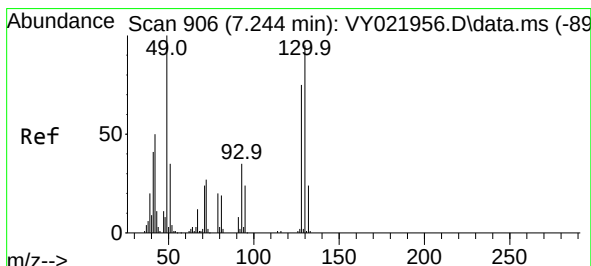
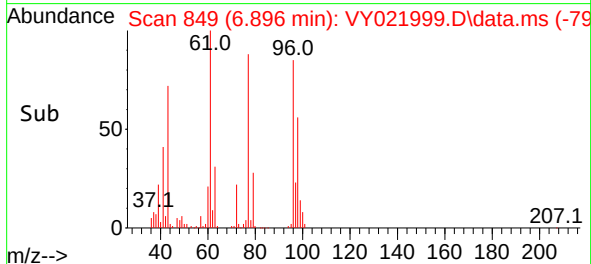
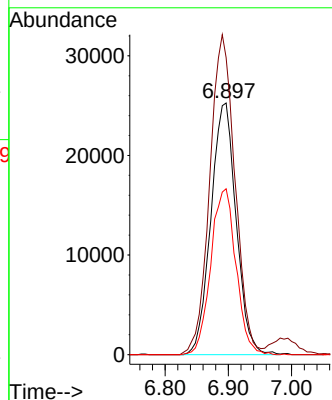
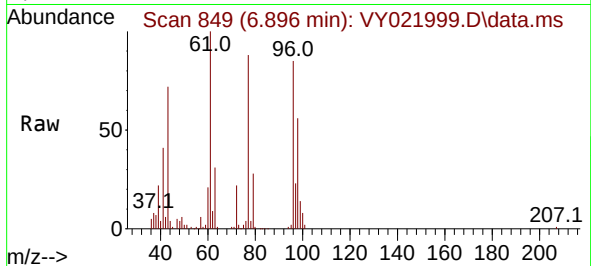
#27
 cis-1,2-Dichloroethene
 Concen: 18.955 ug/l
 RT: 6.896 min Scan# 848
 Delta R.T. 0.006 min
 Lab File: VY021999.D
 Acq: 25 Apr 2025 10:45

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0425SBS01

Tgt Ion: 96	Resp: 7009
Ion Ratio	Lower Upper
96 100	
61 127.0	0.0 251.4
98 65.7	0.0 128.4

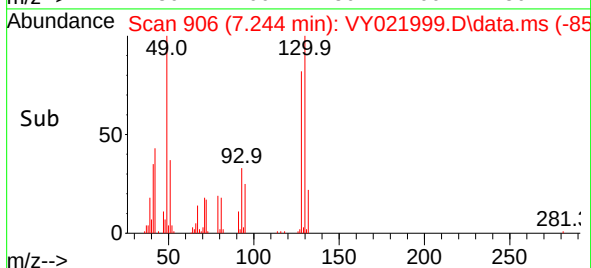
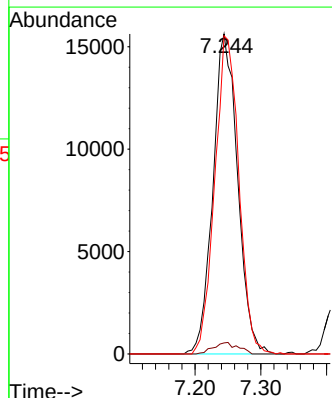
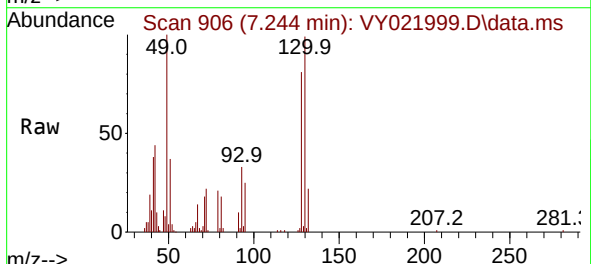
Manual Integrations
 APPROVED

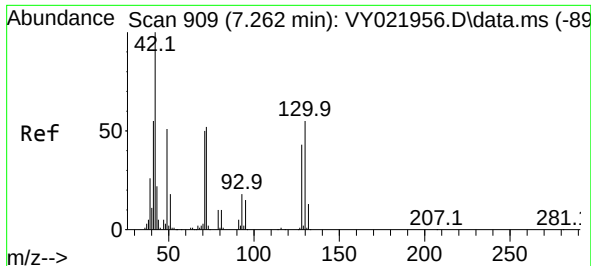
Reviewed By :Semsettin Yesilyurt 04/28/2025
 Supervised By :Mahesh Dadoda 04/28/2025



#28
 Bromochloromethane
 Concen: 19.792 ug/l
 RT: 7.244 min Scan# 906
 Delta R.T. 0.000 min
 Lab File: VY021999.D
 Acq: 25 Apr 2025 10:45

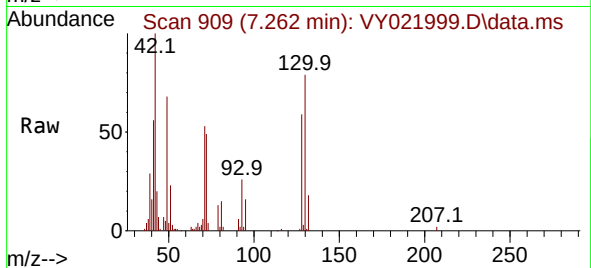
Tgt Ion: 49	Resp: 40776
Ion Ratio	Lower Upper
49 100	
129 3.6	0.0 5.0
130 97.0	78.2 117.4





#29
Tetrahydrofuran
Concen: 96.879 ug/l
RT: 7.262 min Scan# 909
Delta R.T. 0.000 min
Lab File: VY021999.D
Acq: 25 Apr 2025 10:45

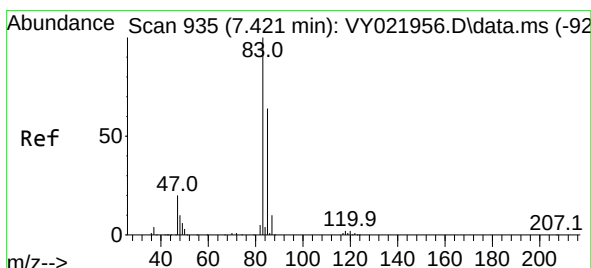
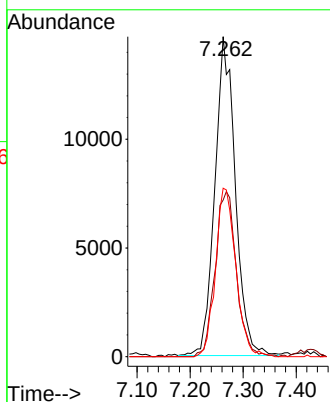
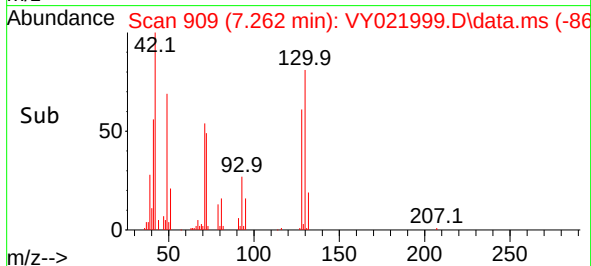
Instrument :
MSVOA_Y
ClientSampleId :
VY0425SBS01



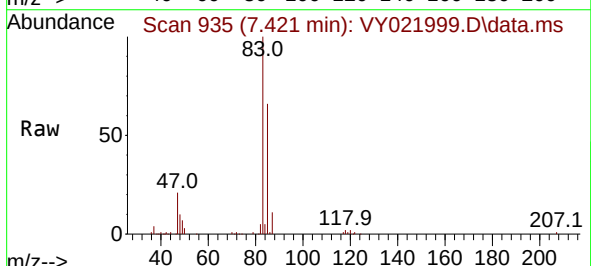
Tgt Ion: 42 Resp: 39354
Ion Ratio Lower Upper
42 100
72 53.8 42.6 63.8
71 52.4 40.6 61.0

Manual Integrations
APPROVED

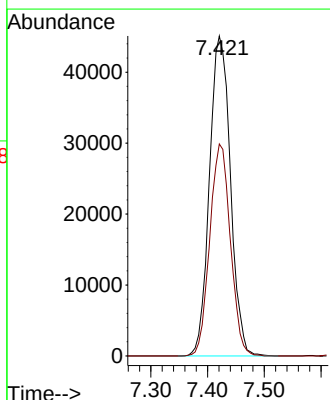
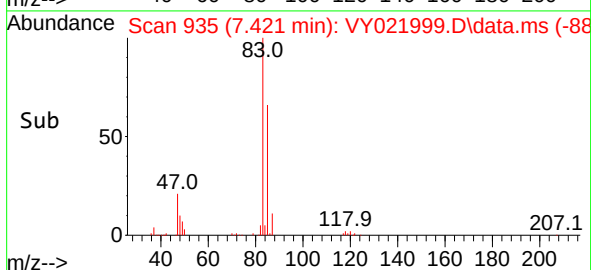
Reviewed By :Semsettin Yesilyurt 04/28/2025
Supervised By :Mahesh Dadoda 04/28/2025

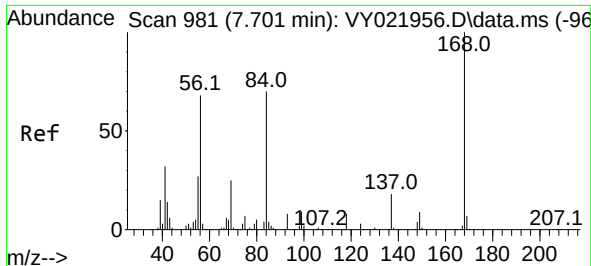


#30
Chloroform
Concen: 19.681 ug/l
RT: 7.421 min Scan# 935
Delta R.T. 0.000 min
Lab File: VY021999.D
Acq: 25 Apr 2025 10:45



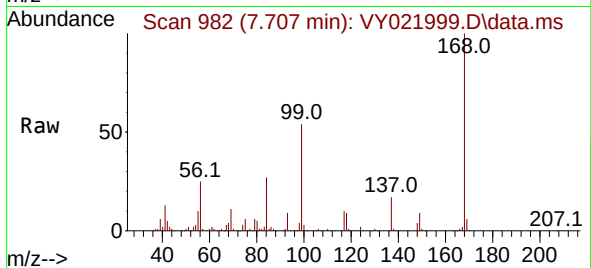
Tgt Ion: 83 Resp: 115792
Ion Ratio Lower Upper
83 100
85 66.2 51.3 76.9





#31
Cyclohexane
Concen: 19.120 ug/l
RT: 7.707 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY021999.D
Acq: 25 Apr 2025 10:45

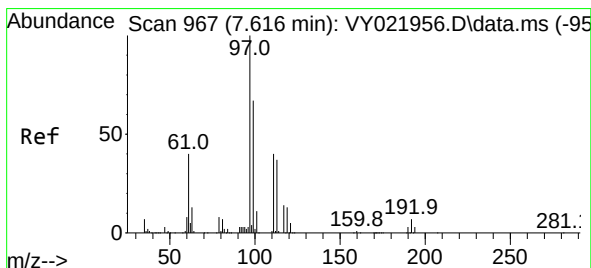
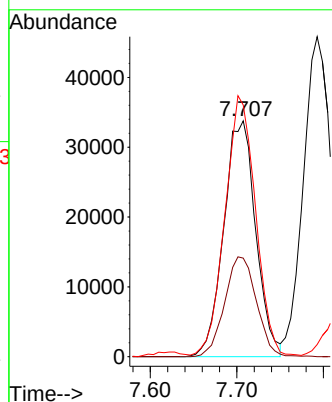
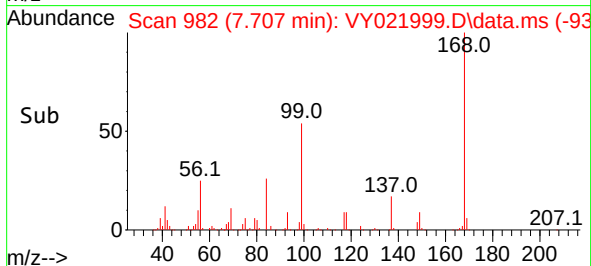
Instrument :
MSVOA_Y
ClientSampleId :
VY0425SBS01



Tgt Ion: 56 Resp: 86725
Ion Ratio Lower Upper
56 100
69 41.8 29.4 44.2
84 105.5 82.2 123.4

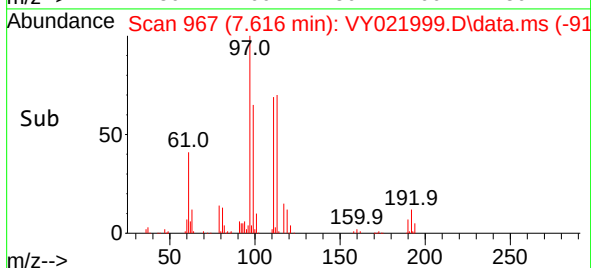
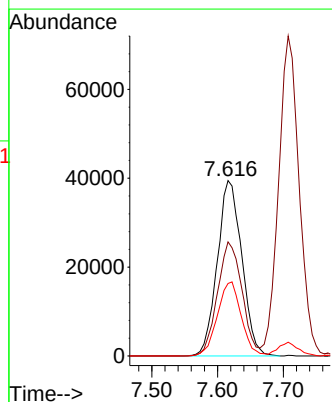
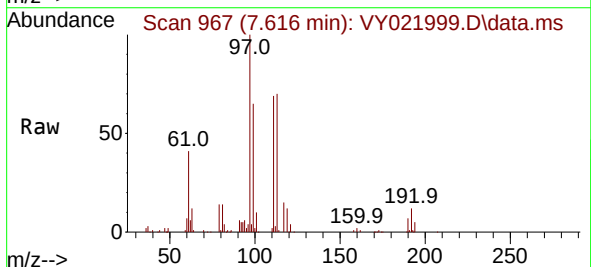
Manual Integrations
APPROVED

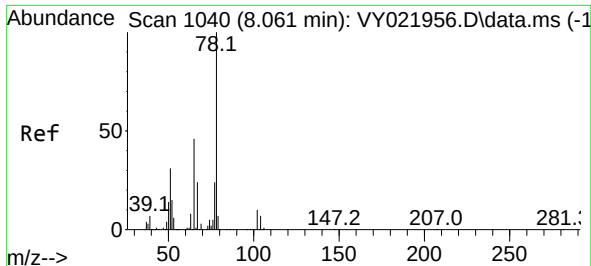
Reviewed By :Semsettin Yesilyurt 04/28/2025
Supervised By :Mahesh Dadoda 04/28/2025



#32
1,1,1-Trichloroethane
Concen: 19.243 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY021999.D
Acq: 25 Apr 2025 10:45

Tgt Ion: 97 Resp: 102426
Ion Ratio Lower Upper
97 100
99 65.2 51.4 77.2
61 41.2 31.4 47.2





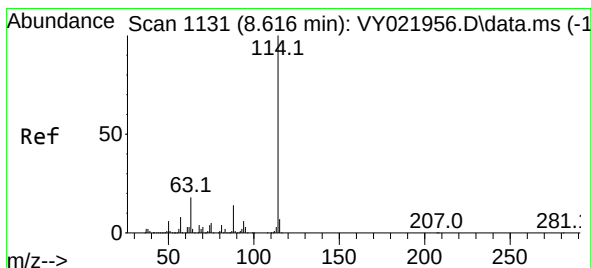
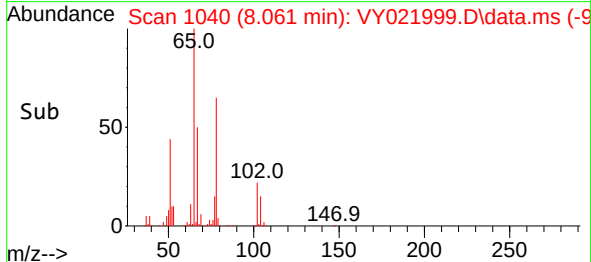
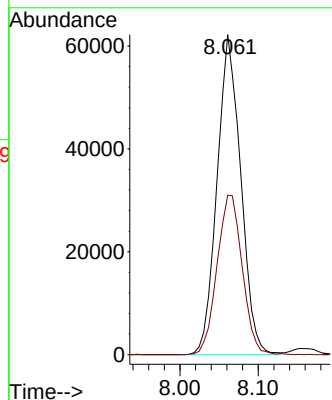
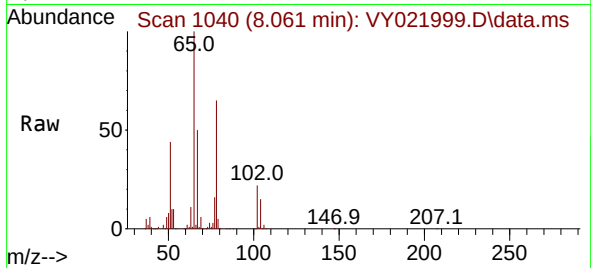
#33
1,2-Dichloroethane-d4
Concen: 47.700 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY021999.D
Acq: 25 Apr 2025 10:45

Instrument :
MSVOA_Y
ClientSampleId :
VY0425SBS01

Tgt Ion: 65 Resp: 13088
Ion Ratio Lower Upper
65 100
67 53.1 0.0 105.8

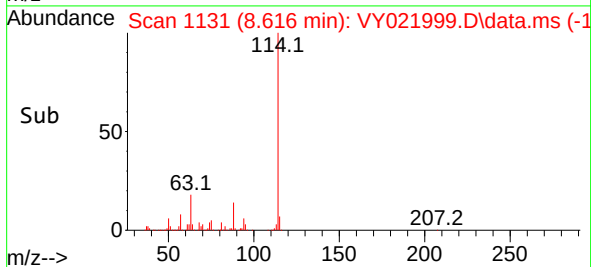
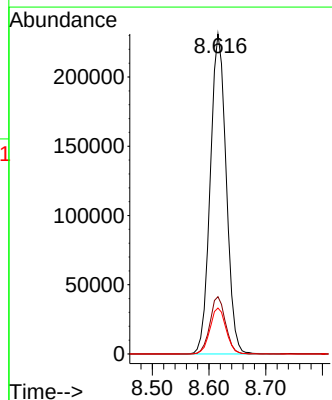
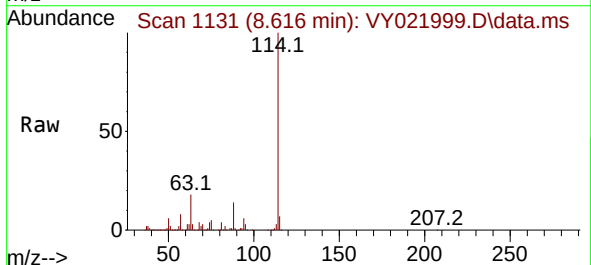
Manual Integrations
APPROVED

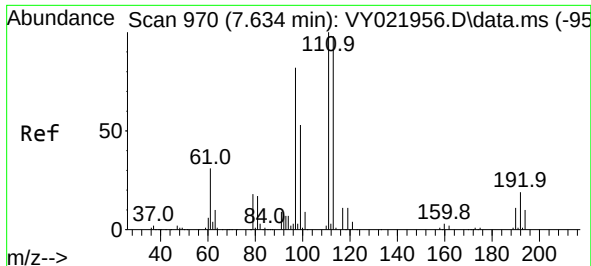
Reviewed By :Semsettin Yesilyurt 04/28/2025
Supervised By :Mahesh Dadoda 04/28/2025



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY021999.D
Acq: 25 Apr 2025 10:45

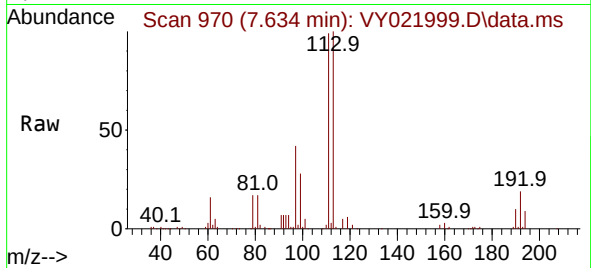
Tgt Ion:114 Resp: 450727
Ion Ratio Lower Upper
114 100
63 17.9 0.0 35.4
88 14.4 0.0 28.2





#35
Dibromofluoromethane
Concen: 48.900 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021999.D
Acq: 25 Apr 2025 10:45

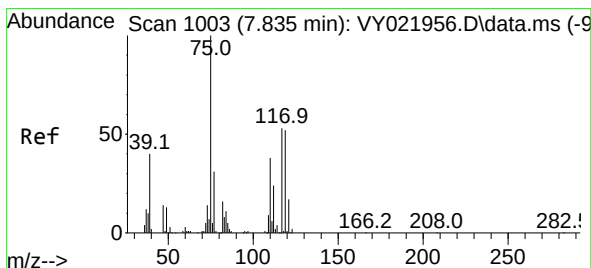
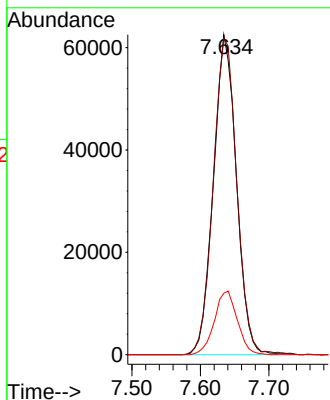
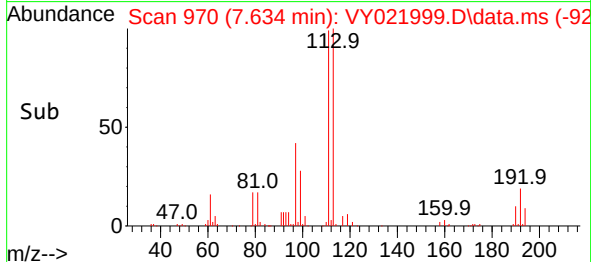
Instrument :
MSVOA_Y
ClientSampleId :
VY0425SBS01



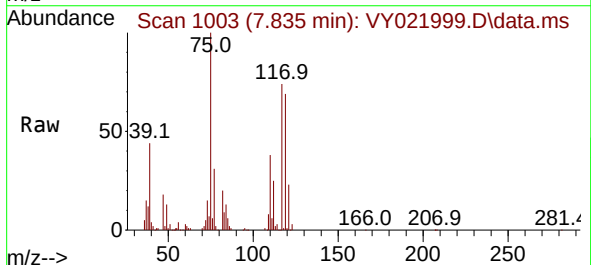
Tgt Ion: 113 Resp: 14561
Ion Ratio Lower Upper
113 100
111 101.5 81.8 122.8
192 19.8 15.6 23.4

Manual Integrations
APPROVED

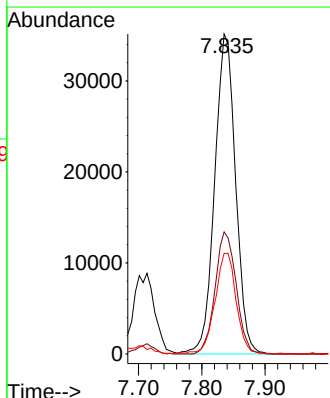
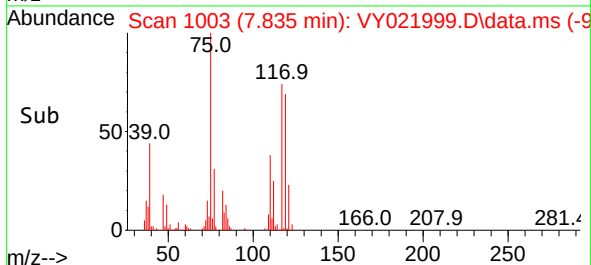
Reviewed By :Semsettin Yesilyurt 04/28/2025
Supervised By :Mahesh Dadoda 04/28/2025

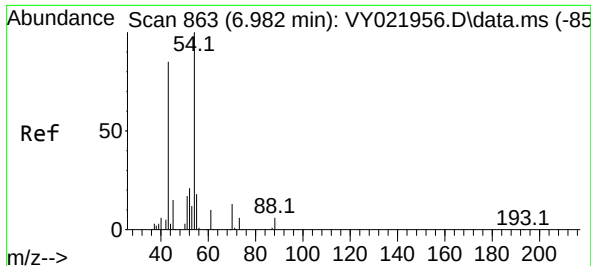


#36
1,1-Dichloropropene
Concen: 20.140 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.000 min
Lab File: VY021999.D
Acq: 25 Apr 2025 10:45



Tgt Ion: 75 Resp: 80559
Ion Ratio Lower Upper
75 100
110 38.4 19.1 57.3
77 32.0 25.5 38.3





#37

Ethyl Acetate

Concen: 18.495 ug/l

RT: 6.988 min Scan# 80

Delta R.T. 0.006 min

Lab File: VY021999.D

Acq: 25 Apr 2025 10:45

Instrument :

MSVOA_Y

ClientSampleId :

VY0425SBS01

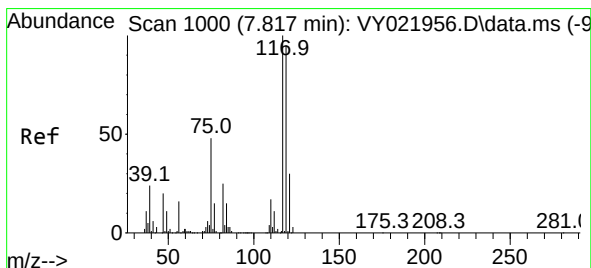
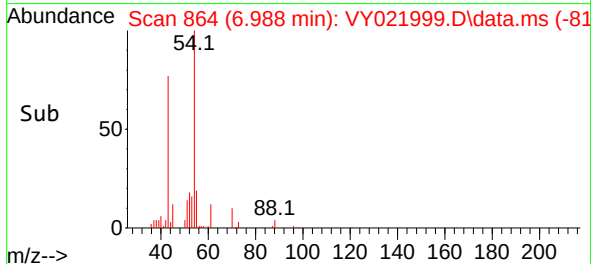
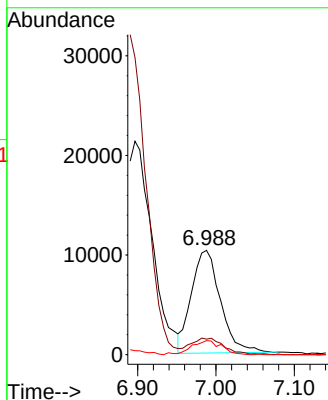
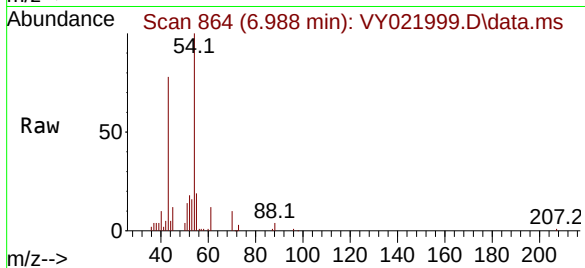
Tgt Ion: 43 Resp: 2656

Ion	Ratio	Lower	Upper
43	100		
61	19.1	13.8	20.6
70	14.2	9.2	13.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/28/2025
Supervised By :Mahesh Dadoda 04/28/2025



#38

Carbon Tetrachloride

Concen: 20.487 ug/l

RT: 7.823 min Scan# 1001

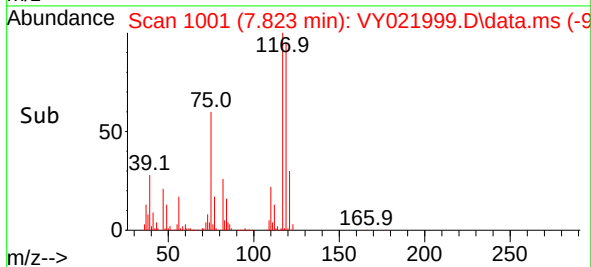
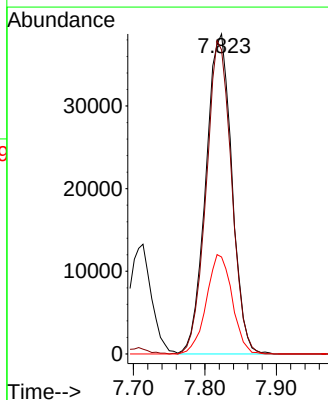
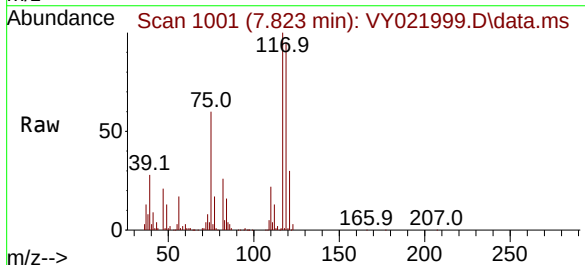
Delta R.T. 0.006 min

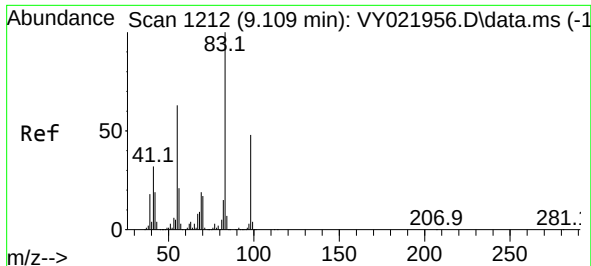
Lab File: VY021999.D

Acq: 25 Apr 2025 10:45

Tgt Ion:117 Resp: 97918

Ion	Ratio	Lower	Upper
117	100		
119	95.0	76.2	114.4
121	30.3	24.0	36.0





#39

Methylcyclohexane

Concen: 19.288 ug/l

RT: 9.110 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021999.D

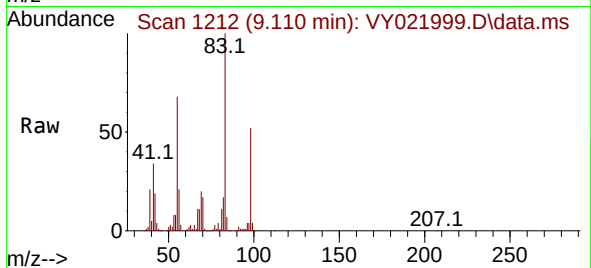
Acq: 25 Apr 2025 10:45

Instrument :

MSVOA_Y

ClientSampleId :

VY0425SBS01



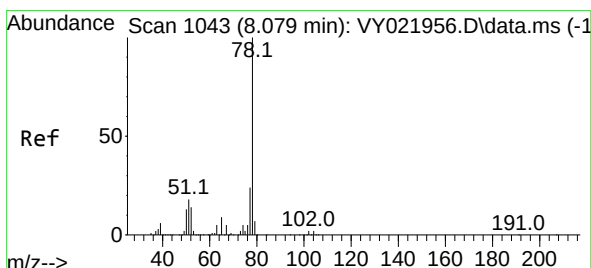
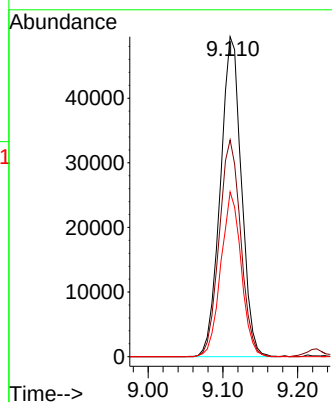
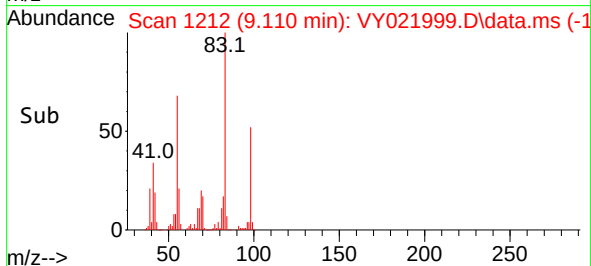
Tgt Ion:	83	Resp:	97089
Ion	Ratio	Lower	Upper
83	100		
55	67.8	50.6	75.8
98	51.5	38.6	58.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/28/2025

Supervised By :Mahesh Dadoda 04/28/2025



#40

Benzene

Concen: 20.034 ug/l

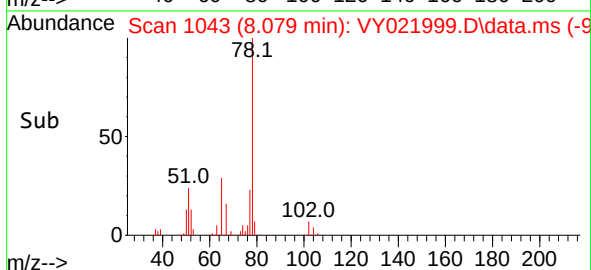
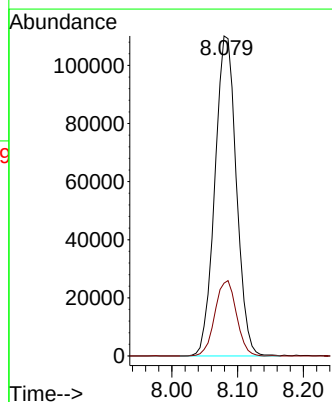
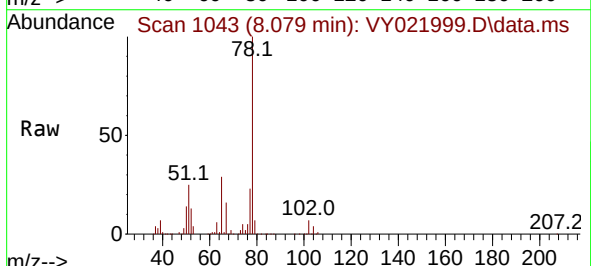
RT: 8.079 min Scan# 1043

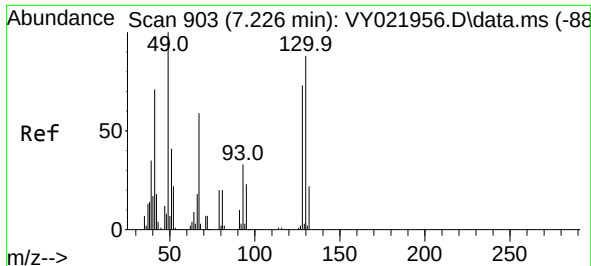
Delta R.T. 0.000 min

Lab File: VY021999.D

Acq: 25 Apr 2025 10:45

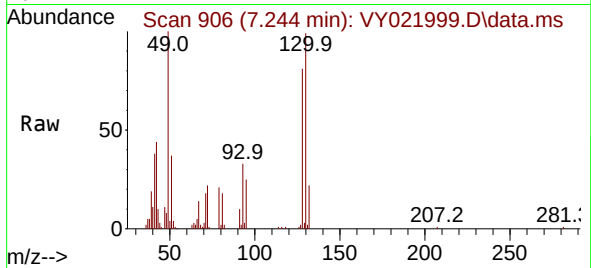
Tgt Ion:	78	Resp:	250490
Ion	Ratio	Lower	Upper
78	100		
77	22.8	19.3	28.9





#41
Methacrylonitrile
Concen: 21.458 ug/l m
RT: 7.244 min Scan# 903
Delta R.T. 0.018 min
Lab File: VY021999.D
Acq: 25 Apr 2025 10:45

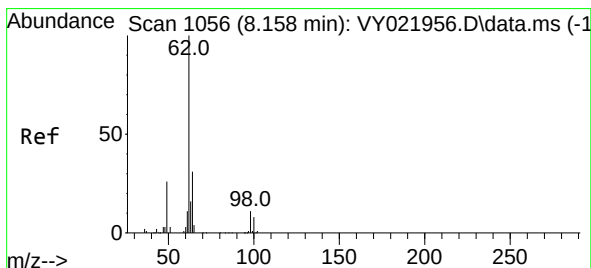
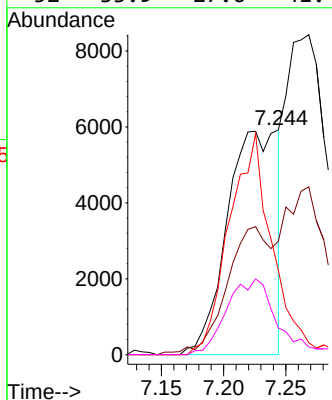
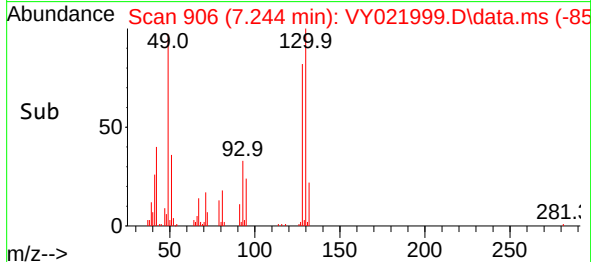
Instrument :
MSVOA_Y
ClientSampleId :
VY0425SBS01



Tgt Ion: 41 Resp: 1685
Ion Ratio Lower Upper
41 100
39 48.0 36.6 55.0
67 83.4 72.2 108.4
52 33.9 27.6 41.4

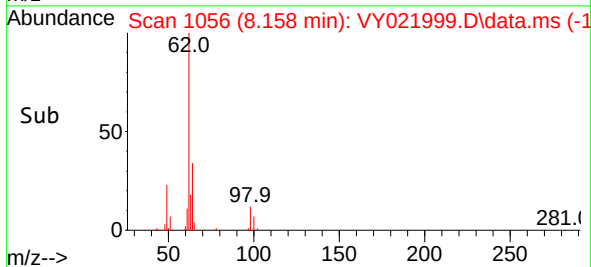
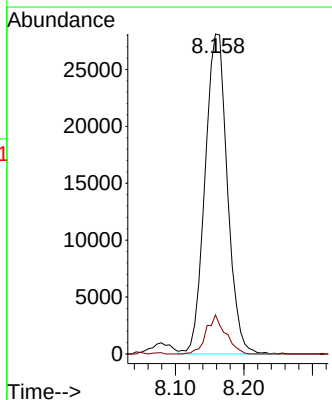
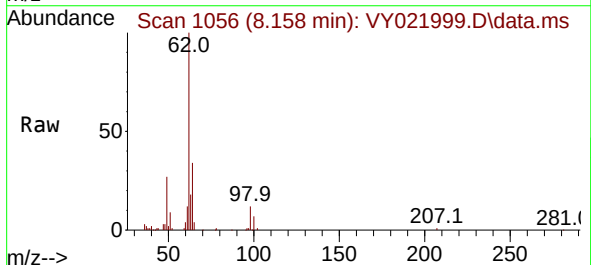
Manual Integrations
APPROVED

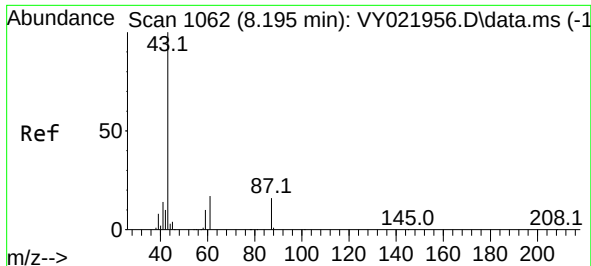
Reviewed By :Semsettin Yesilyurt 04/28/2025
Supervised By :Mahesh Dadoda 04/28/2025



#42
1,2-Dichloroethane
Concen: 20.643 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY021999.D
Acq: 25 Apr 2025 10:45

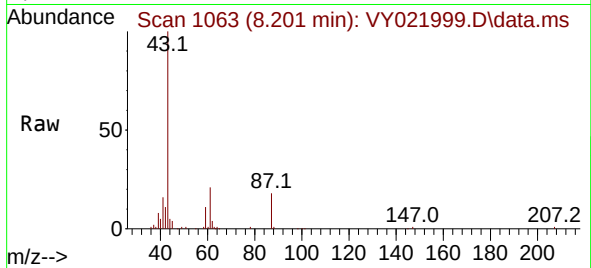
Tgt Ion: 62 Resp: 63906
Ion Ratio Lower Upper
62 100
98 10.5 0.0 22.0





#43
Isopropyl Acetate
Concen: 19.622 ug/l
RT: 8.201 min Scan# 1063
Delta R.T. 0.006 min
Lab File: VY021999.D
Acq: 25 Apr 2025 10:45

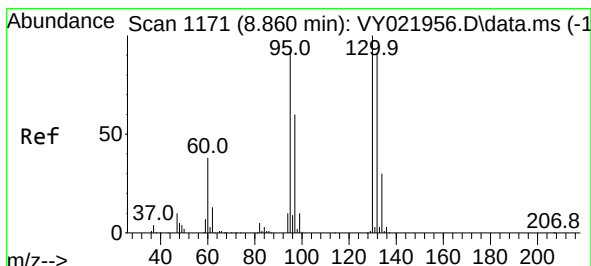
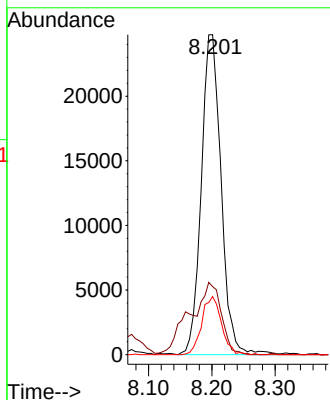
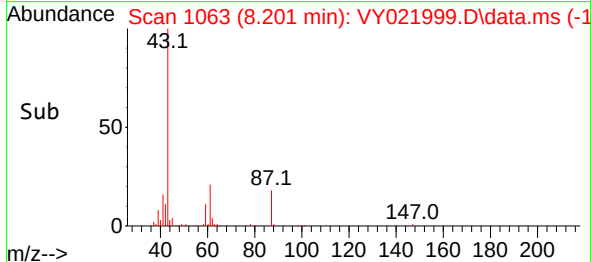
Instrument :
MSVOA_Y
ClientSampleId :
VY0425SBS01



Tgt Ion: 43 Resp: 54134
Ion Ratio Lower Upper
43 100
61 35.5 18.9 28.3
87 18.0 13.7 20.5

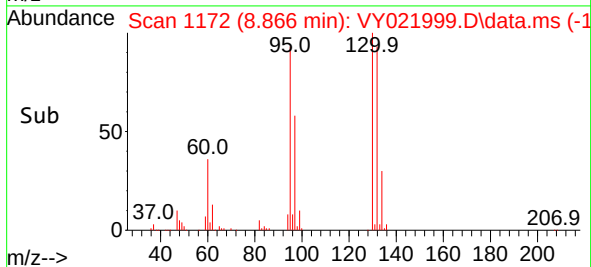
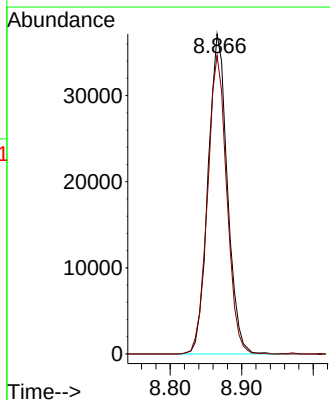
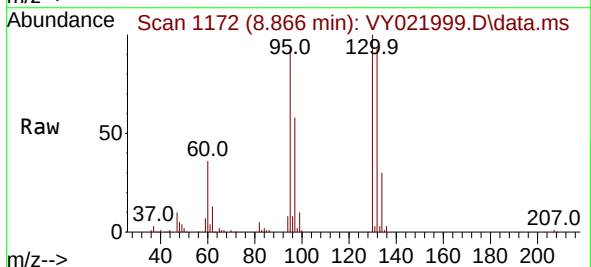
Manual Integrations
APPROVED

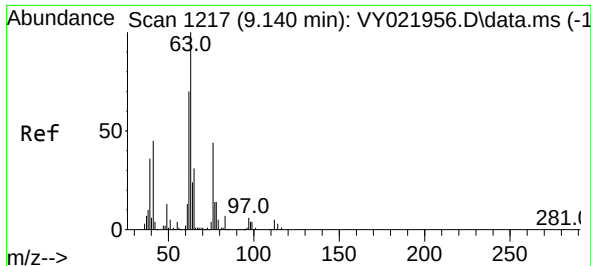
Reviewed By :Semsettin Yesilyurt 04/28/2025
Supervised By :Mahesh Dadoda 04/28/2025



#44
Trichloroethene
Concen: 20.092 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.006 min
Lab File: VY021999.D
Acq: 25 Apr 2025 10:45

Tgt Ion:130 Resp: 69583
Ion Ratio Lower Upper
130 100
95 93.3 0.0 183.2





#45

1,2-Dichloropropane

Concen: 20.028 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY021999.D

Acq: 25 Apr 2025 10:45

Instrument :

MSVOA_Y

ClientSampleId :

VY0425SBS01

Tgt Ion: 63 Resp: 55378

Ion Ratio Lower Upper

63 100

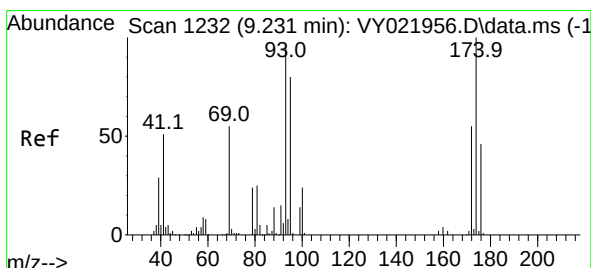
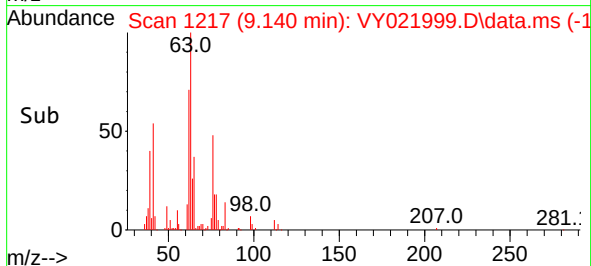
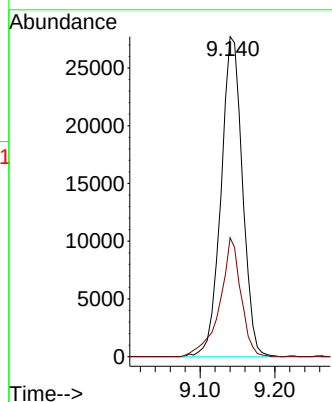
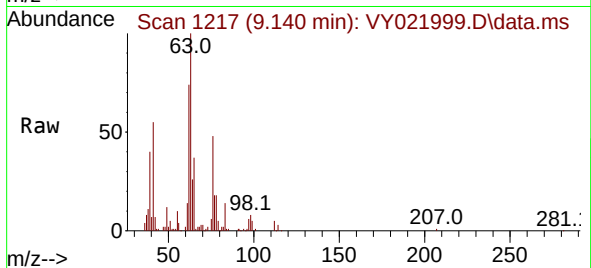
65 37.2 25.2 37.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/28/2025

Supervised By :Mahesh Dadoda 04/28/2025



#46

Dibromomethane

Concen: 20.116 ug/l

RT: 9.238 min Scan# 1233

Delta R.T. 0.006 min

Lab File: VY021999.D

Acq: 25 Apr 2025 10:45

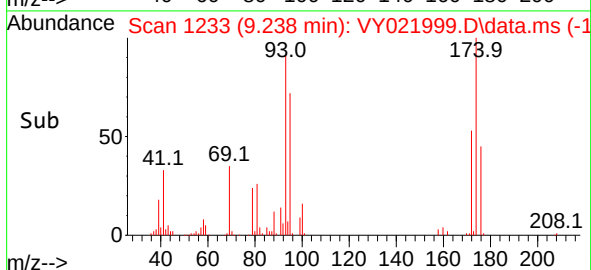
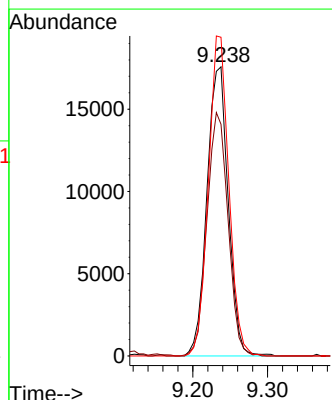
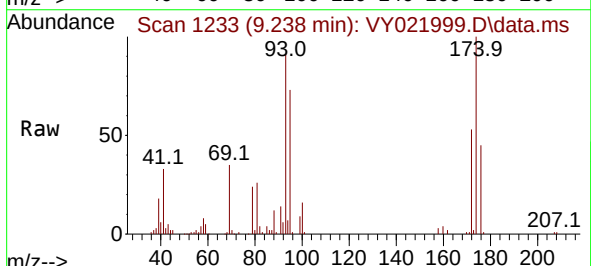
Tgt Ion: 93 Resp: 34819

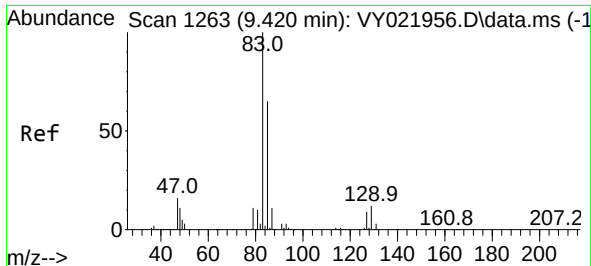
Ion Ratio Lower Upper

93 100

95 83.3 66.7 100.1

174 106.1 84.6 127.0





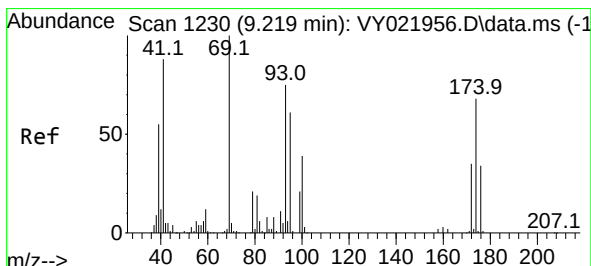
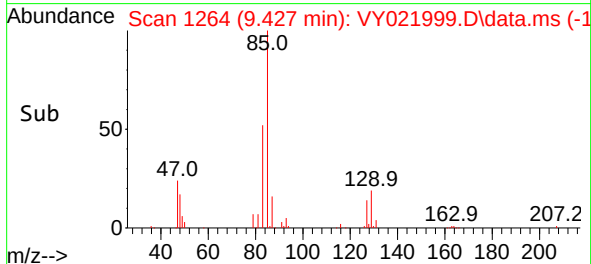
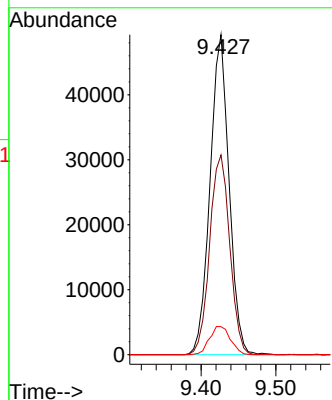
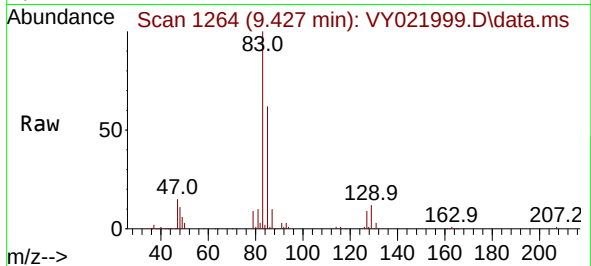
#47
Bromodichloromethane
Concen: 20.147 ug/l
RT: 9.427 min Scan# 1263
Delta R.T. 0.006 min
Lab File: VY021999.D
Acq: 25 Apr 2025 10:45

Instrument :
MSVOA_Y
ClientSampleId :
VY0425SBS01

Tgt Ion: 83 Resp: 8711
Ion Ratio Lower Upper
83 100
85 62.4 51.8 77.8
127 8.7 7.0 10.6

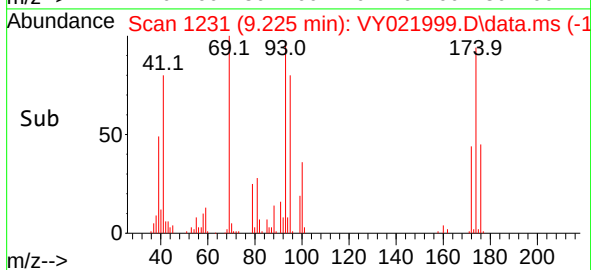
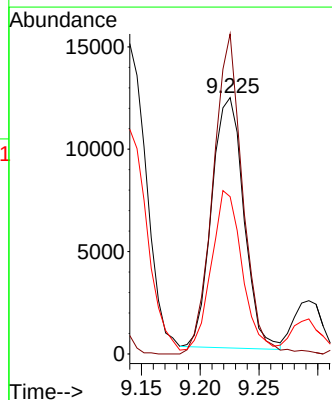
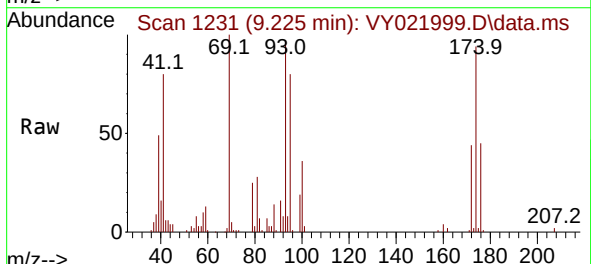
Manual Integrations
APPROVED

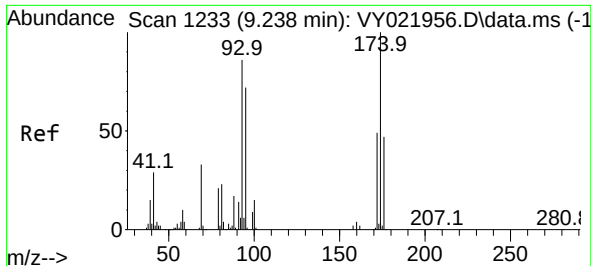
Reviewed By :Semsettin Yesilyurt 04/28/2025
Supervised By :Mahesh Dadoda 04/28/2025



#48
Methyl methacrylate
Concen: 18.268 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. 0.006 min
Lab File: VY021999.D
Acq: 25 Apr 2025 10:45

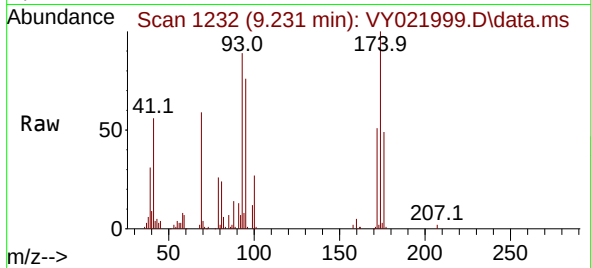
Tgt Ion: 41 Resp: 23298
Ion Ratio Lower Upper
41 100
69 117.6 85.5 128.3
39 60.9 46.2 69.4





#49
1,4-Dioxane
Concen: 372.164 ug/l
RT: 9.231 min Scan# 1232
Delta R.T. -0.006 min
Lab File: VY021999.D
Acq: 25 Apr 2025 10:45

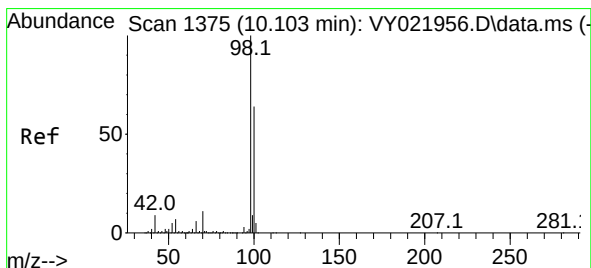
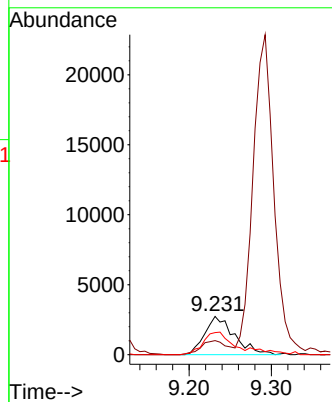
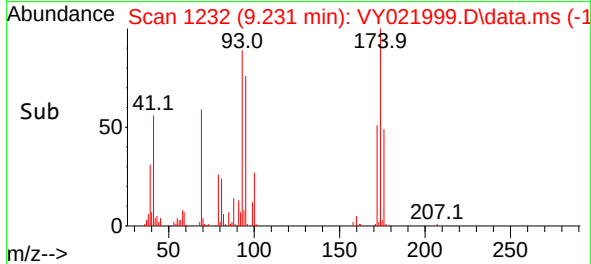
Instrument :
MSVOA_Y
ClientSampleId :
VY0425SBS01



Tgt Ion: 88 Resp: 6860
Ion Ratio Lower Upper
88 100
43 33.3 21.3 31.9
58 54.5 50.5 75.7

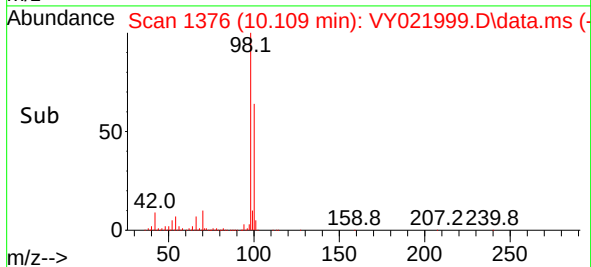
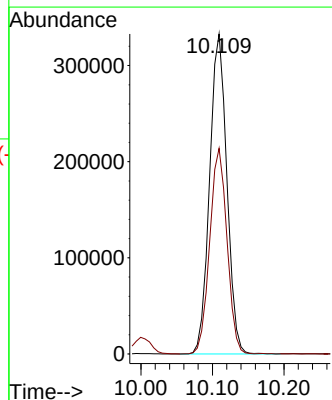
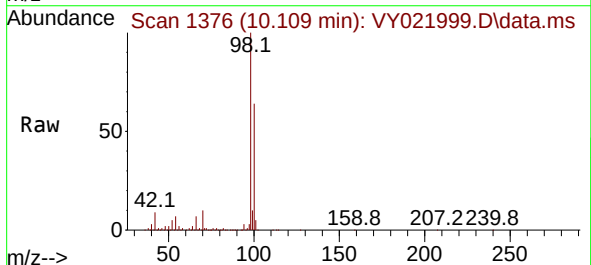
Manual Integrations
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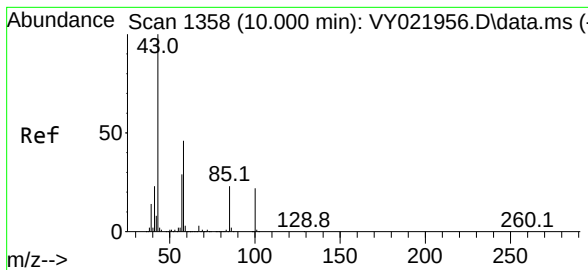
Reviewed By :Semsettin Yesilyurt 04/28/2025
Supervised By :Mahesh Dadoda 04/28/2025



#50
Toluene-d8
Concen: 49.618 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.006 min
Lab File: VY021999.D
Acq: 25 Apr 2025 10:45

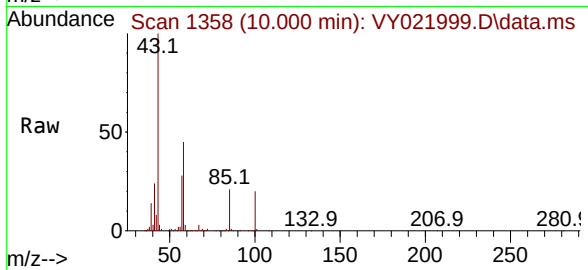
Tgt Ion: 98 Resp: 557014
Ion Ratio Lower Upper
98 100
100 64.3 51.6 77.4





#51
4-Methyl-2-Pentanone
Concen: 101.597 ug/l
RT: 10.000 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VY021999.D
Acq: 25 Apr 2025 10:45

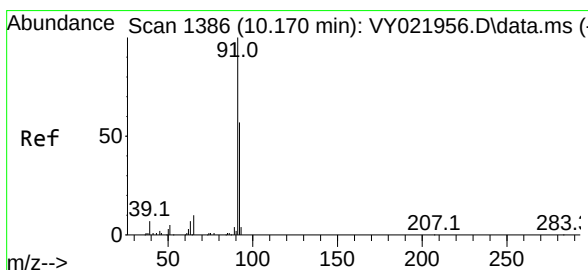
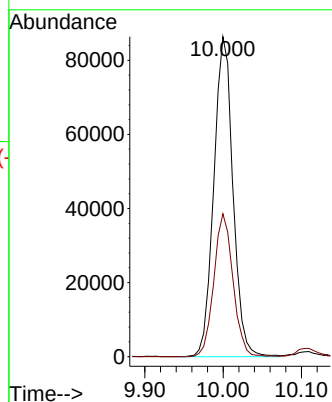
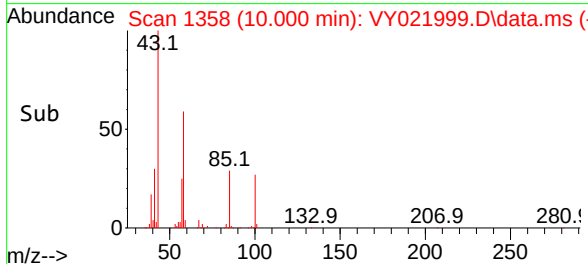
Instrument :
MSVOA_Y
ClientSampleId :
VY0425SBS01



Tgt Ion: 43 Resp: 146930
Ion Ratio Lower Upper
43 100
58 44.6 36.6 55.0

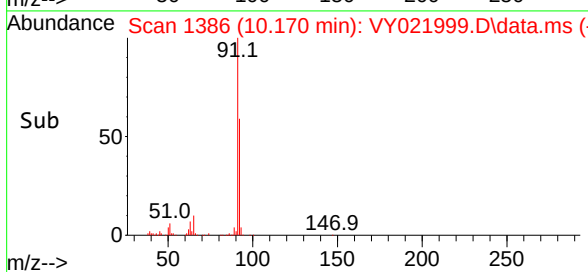
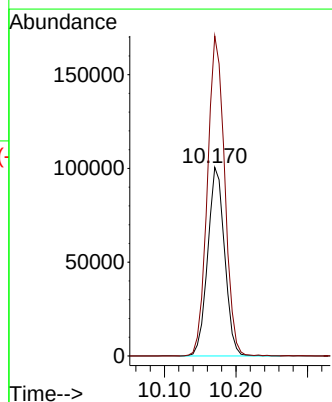
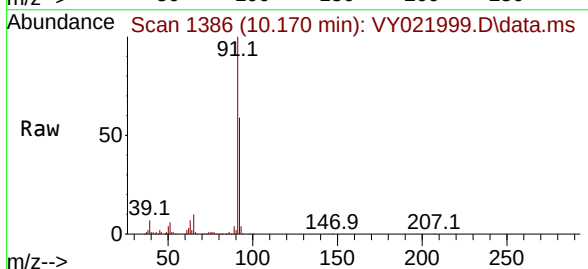
Manual Integrations
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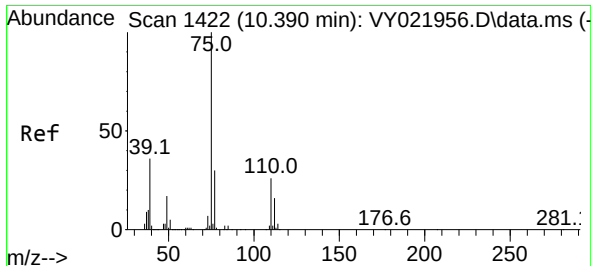
Reviewed By :Semsettin Yesilyurt 04/28/2025
Supervised By :Mahesh Dadoda 04/28/2025



#52
Toluene
Concen: 20.390 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VY021999.D
Acq: 25 Apr 2025 10:45

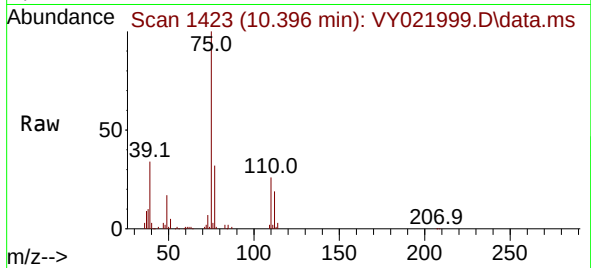
Tgt Ion: 92 Resp: 165029
Ion Ratio Lower Upper
92 100
91 172.9 138.6 207.8





#53
t-1,3-Dichloropropene
Concen: 19.964 ug/l
RT: 10.396 min Scan# 1422
Delta R.T. 0.006 min
Lab File: VY021999.D
Acq: 25 Apr 2025 10:45

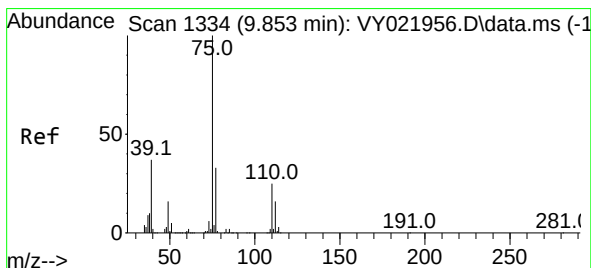
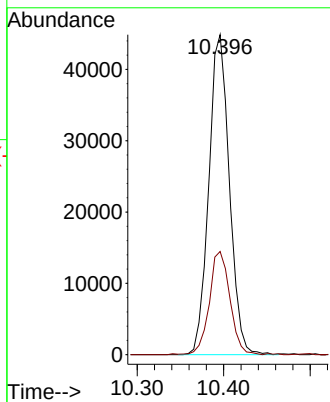
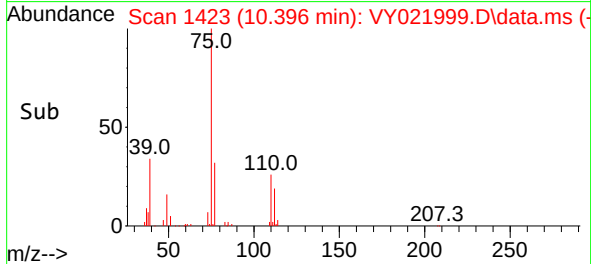
Instrument :
MSVOA_Y
ClientSampleId :
VY0425SBS01



Tgt Ion: 75 Resp: 7404
Ion Ratio Lower Upper
75 100
77 32.1 24.0 36.0

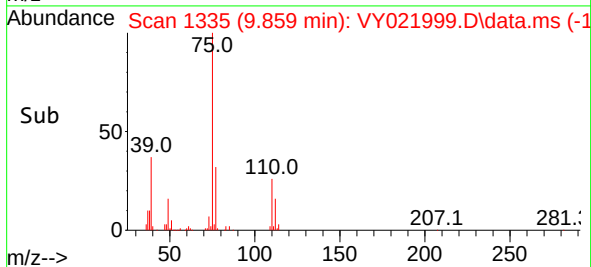
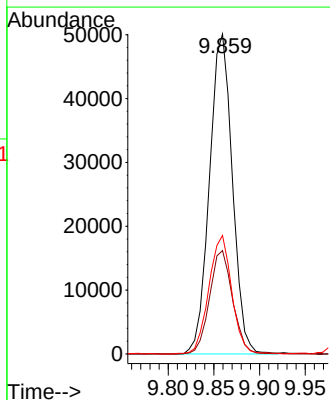
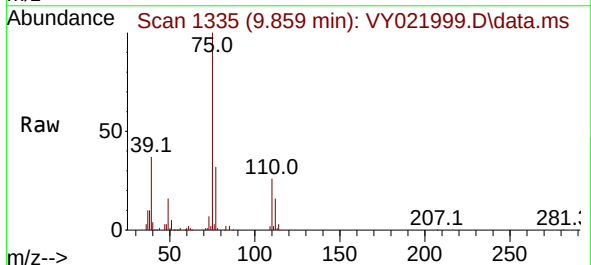
Manual Integrations
APPROVED

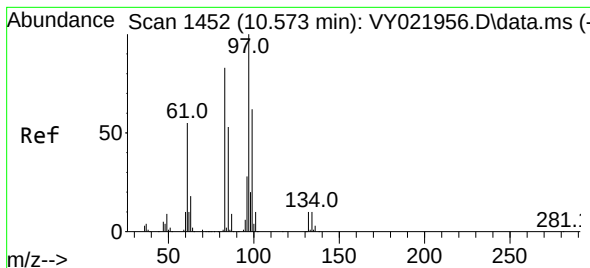
Reviewed By :Semsettin Yesilyurt 04/28/2025
Supervised By :Mahesh Dadoda 04/28/2025



#54
cis-1,3-Dichloropropene
Concen: 19.808 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. 0.006 min
Lab File: VY021999.D
Acq: 25 Apr 2025 10:45

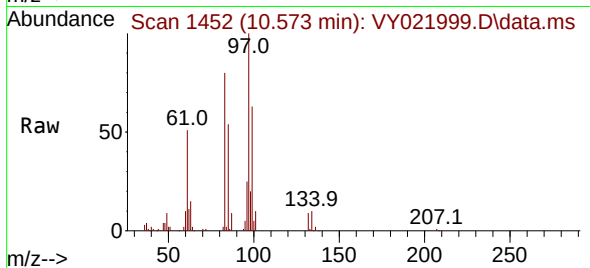
Tgt Ion: 75 Resp: 87333
Ion Ratio Lower Upper
75 100
77 32.3 26.6 40.0
39 36.8 29.6 44.4





#55
1,1,2-Trichloroethane
Concen: 20.319 ug/l
RT: 10.573 min Scan# 1452
Delta R.T. 0.000 min
Lab File: VY021999.D
Acq: 25 Apr 2025 10:45

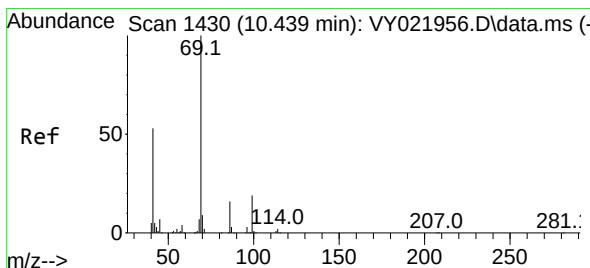
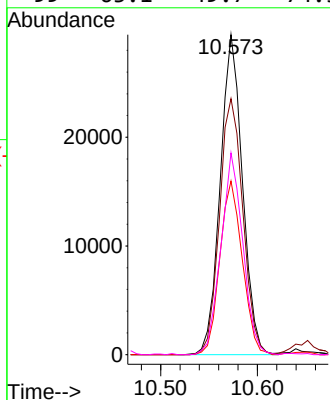
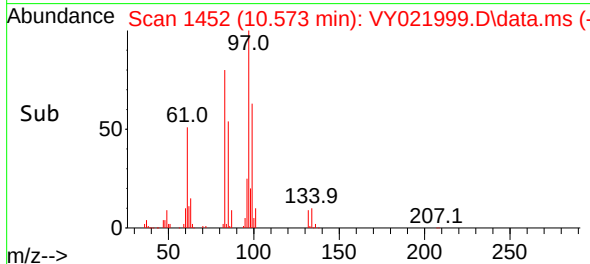
Instrument :
MSVOA_Y
ClientSampleId :
VY0425SBS01



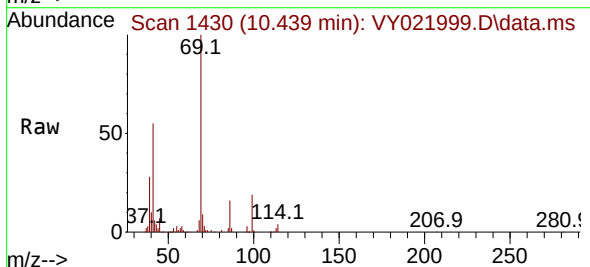
Tgt Ion: 97 Resp: 46980
Ion Ratio Lower Upper
97 100
83 80.0 66.7 100.1
85 54.2 42.6 64.0
99 63.1 49.7 74.5

Manual Integrations
APPROVED

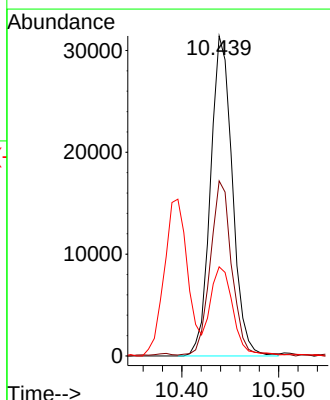
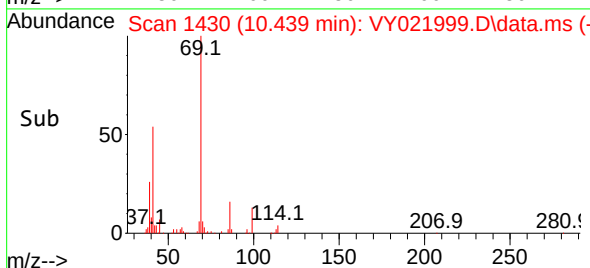
Reviewed By :Semsettin Yesilyurt 04/28/2025
Supervised By :Mahesh Dadoda 04/28/2025

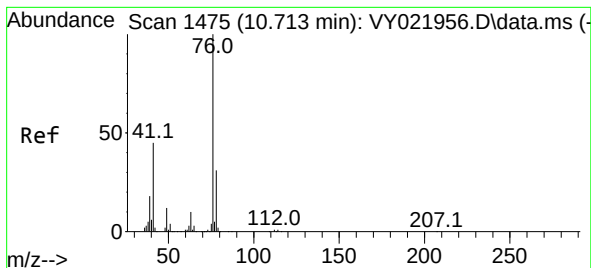


#56
Ethyl methacrylate
Concen: 18.640 ug/l
RT: 10.439 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VY021999.D
Acq: 25 Apr 2025 10:45



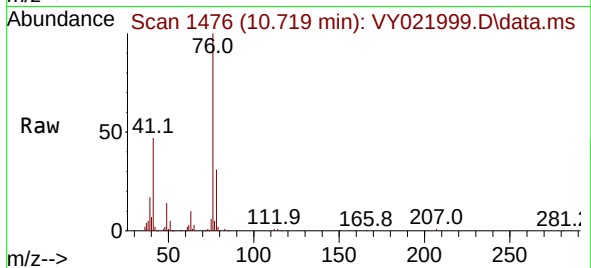
Tgt Ion: 69 Resp: 49286
Ion Ratio Lower Upper
69 100
41 54.6 40.7 61.1
39 28.0 23.3 34.9





#57
1,3-Dichloropropane
Concen: 19.940 ug/l
RT: 10.719 min Scan# 1475
Delta R.T. 0.006 min
Lab File: VY021999.D
Acq: 25 Apr 2025 10:45

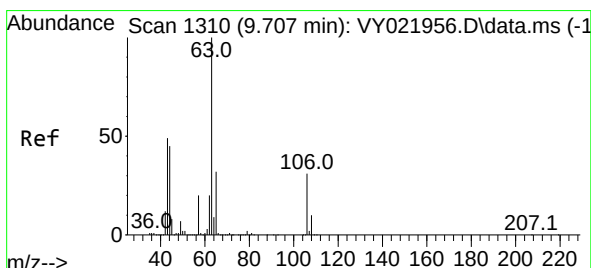
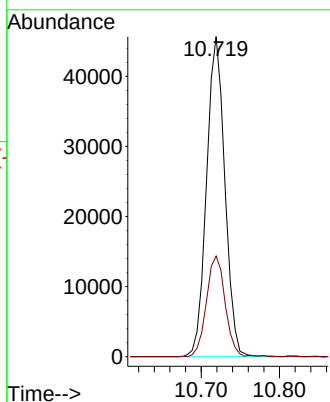
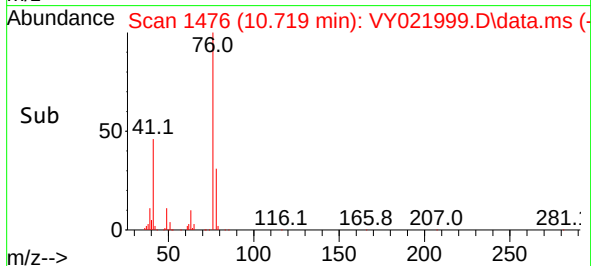
Instrument :
MSVOA_Y
ClientSampleId :
VY0425SBS01



Tgt Ion: 76 Resp: 7391
Ion Ratio Lower Upper
76 100
78 32.3 26.6 39.8

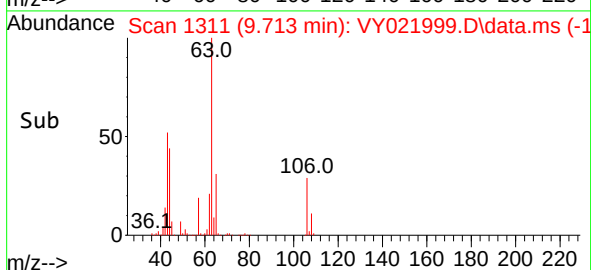
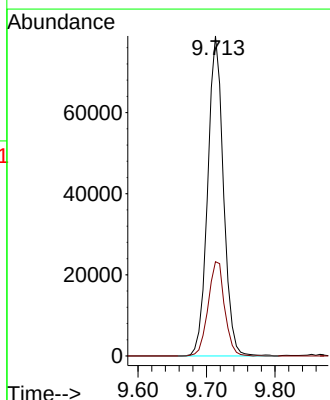
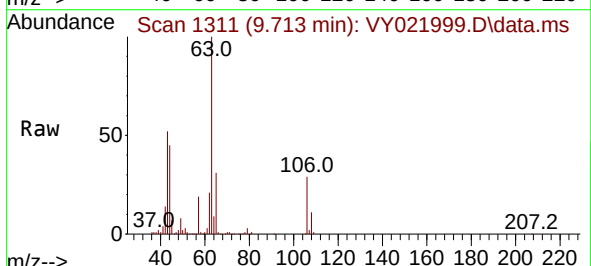
Manual Integrations
APPROVED

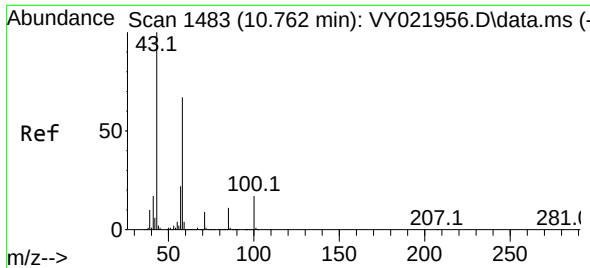
Reviewed By :Semsettin Yesilyurt 04/28/2025
Supervised By :Mahesh Dadoda 04/28/2025



#58
2-Chloroethyl Vinyl ether
Concen: 97.604 ug/l
RT: 9.713 min Scan# 1311
Delta R.T. 0.006 min
Lab File: VY021999.D
Acq: 25 Apr 2025 10:45

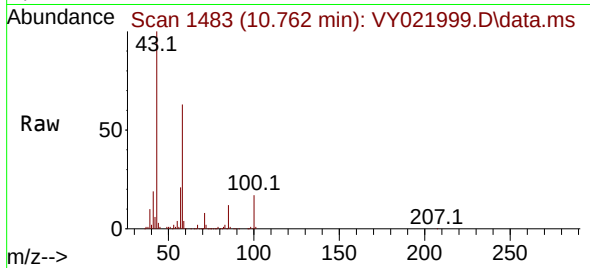
Tgt Ion: 63 Resp: 126178
Ion Ratio Lower Upper
63 100
106 30.9 25.3 37.9





#59
2-Hexanone
Concen: 98.309 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY021999.D
Acq: 25 Apr 2025 10:45

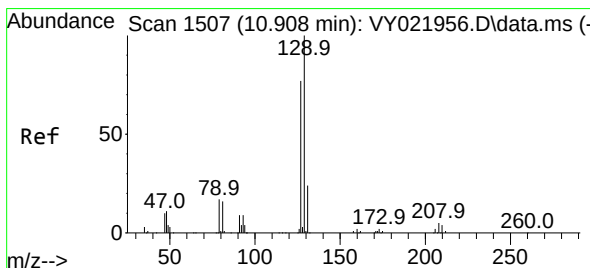
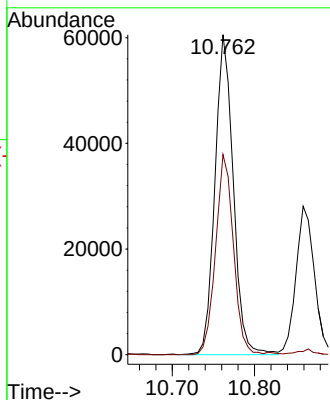
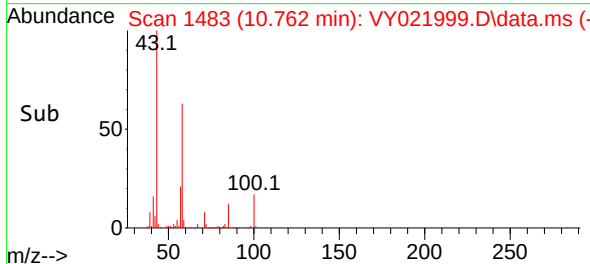
Instrument :
MSVOA_Y
ClientSampleId :
VY0425SBS01



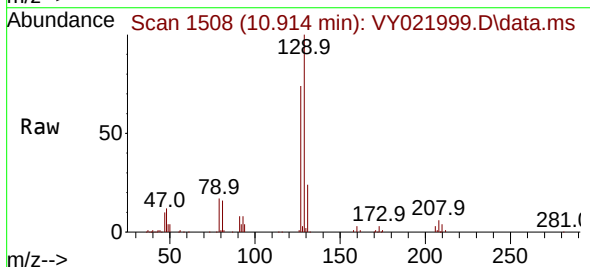
Tgt Ion: 43 Resp: 93770
Ion Ratio Lower Upper
43 100
58 60.9 32.0 96.0

Manual Integrations
APPROVED

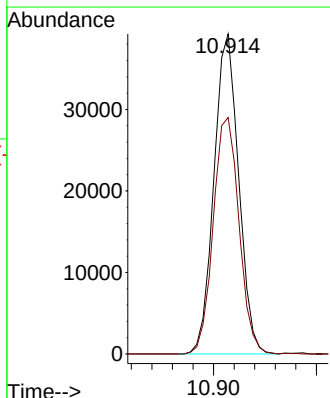
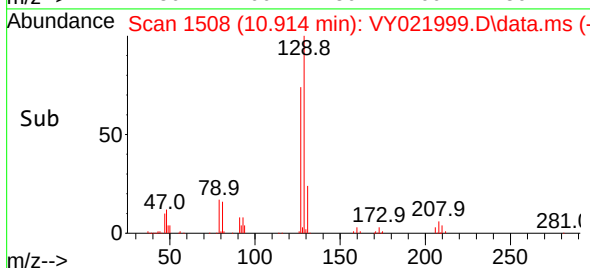
Reviewed By :Semsettin Yesilyurt 04/28/2025
Supervised By :Mahesh Dadoda 04/28/2025

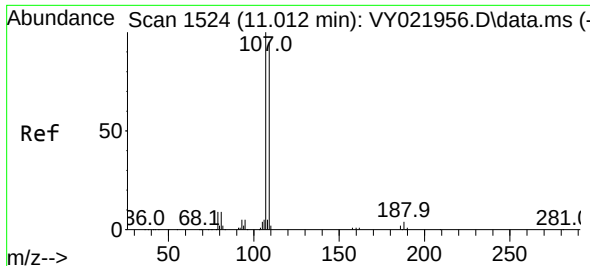


#60
Dibromochloromethane
Concen: 20.431 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VY021999.D
Acq: 25 Apr 2025 10:45



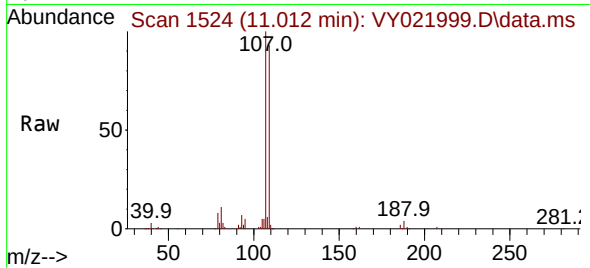
Tgt Ion:129 Resp: 65403
Ion Ratio Lower Upper
129 100
127 77.1 38.5 115.3





#61
1,2-Dibromoethane
Concen: 20.065 ug/l
RT: 11.012 min Scan# 1524
Delta R.T. 0.000 min
Lab File: VY021999.D
Acq: 25 Apr 2025 10:45

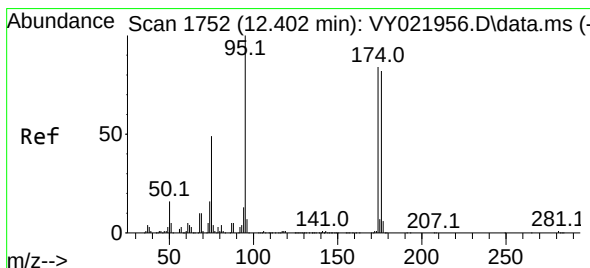
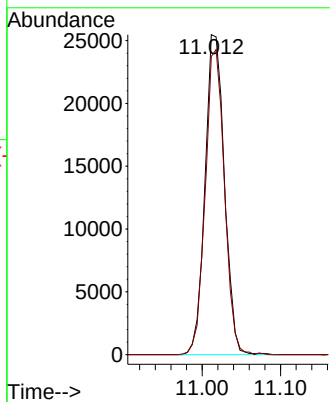
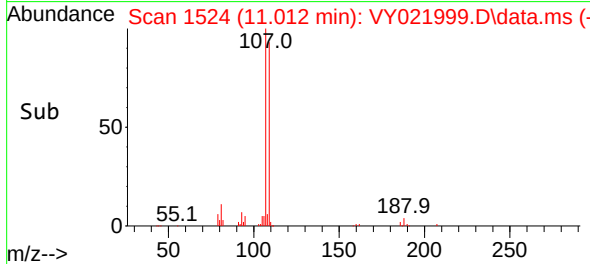
Instrument :
MSVOA_Y
ClientSampleId :
VY0425SBS01



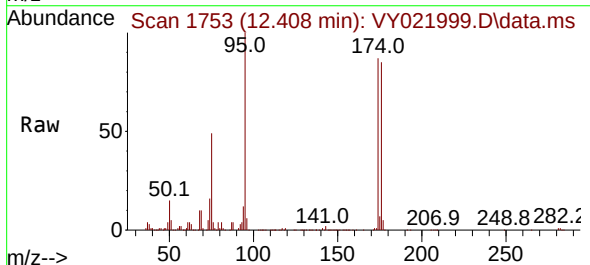
Tgt Ion:107 Resp: 43798
Ion Ratio Lower Upper
107 100
109 94.5 75.8 113.8

Manual Integrations
APPROVED

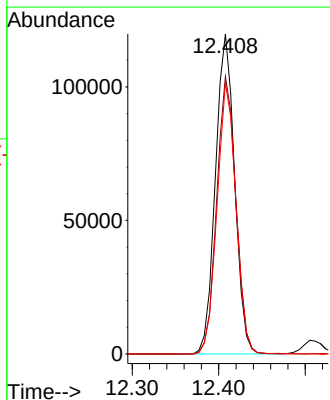
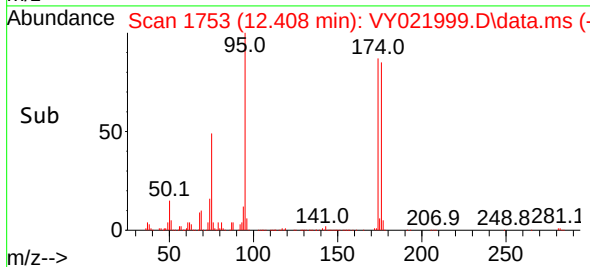
Reviewed By :Semsettin Yesilyurt 04/28/2025
Supervised By :Mahesh Dadoda 04/28/2025

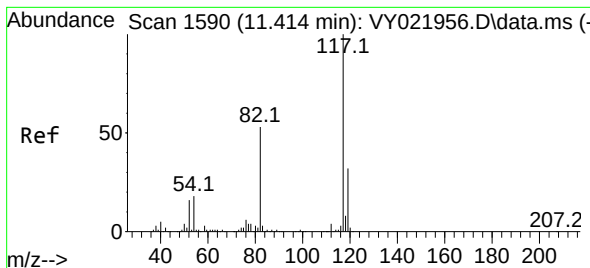


#62
4-Bromofluorobenzene
Concen: 48.684 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY021999.D
Acq: 25 Apr 2025 10:45



Tgt Ion: 95 Resp: 183983
Ion Ratio Lower Upper
95 100
174 87.0 0.0 179.0
176 83.7 0.0 171.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY021999.D

Acq: 25 Apr 2025 10:45

Instrument :

MSVOA_Y

ClientSampleId :

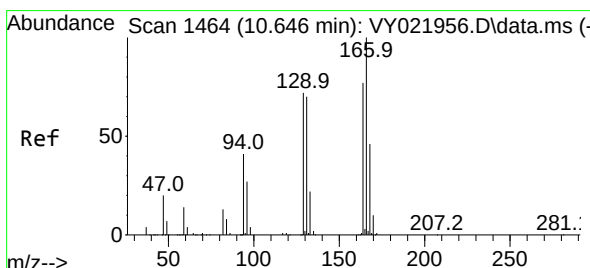
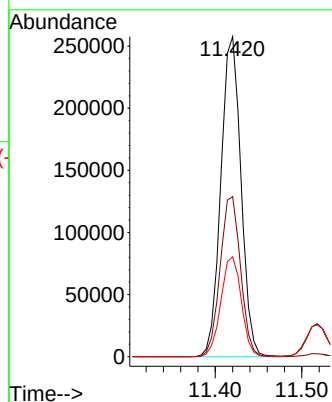
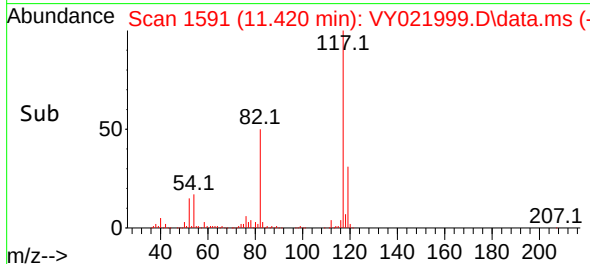
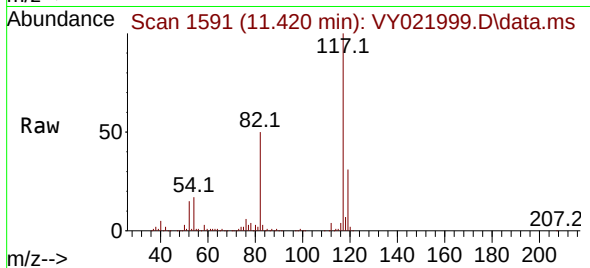
VY0425SBS01

Tgt Ion:117	Resp: 41535
Ion Ratio	Lower Upper
117 100	
82 50.0	42.1 63.1
119 31.2	25.7 38.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/28/2025
Supervised By :Mahesh Dadoda 04/28/2025



#64

Tetrachloroethene

Concen: 19.402 ug/l

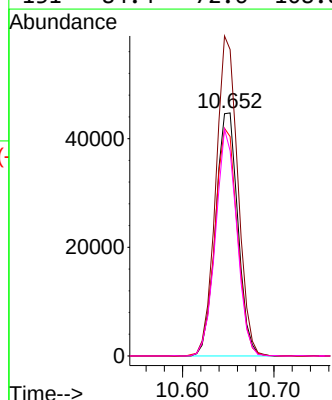
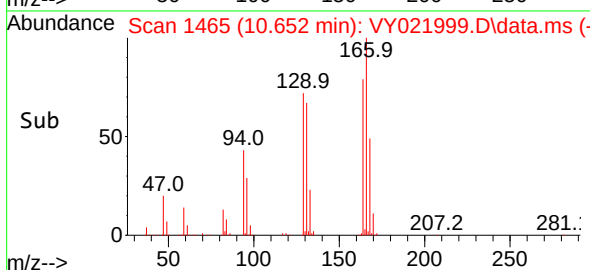
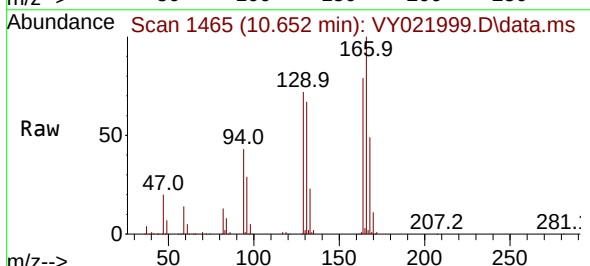
RT: 10.652 min Scan# 1465

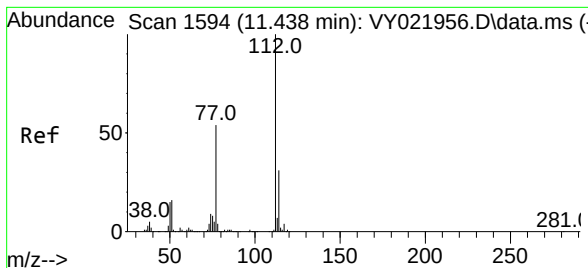
Delta R.T. 0.006 min

Lab File: VY021999.D

Acq: 25 Apr 2025 10:45

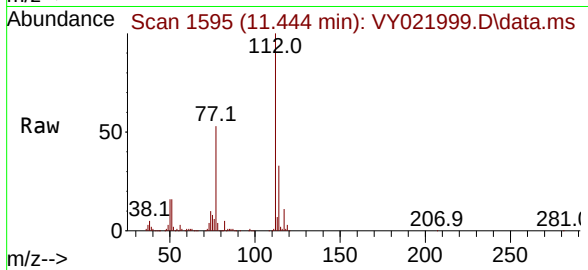
Tgt Ion:164	Resp: 76025
Ion Ratio	Lower Upper
164 100	
166 126.1	103.6 155.4
129 90.3	74.2 111.4
131 84.4	72.6 108.8





#65
Chlorobenzene
Concen: 19.530 ug/l
RT: 11.444 min Scan# 1112
Delta R.T. 0.006 min
Lab File: VY021999.D
Acq: 25 Apr 2025 10:45

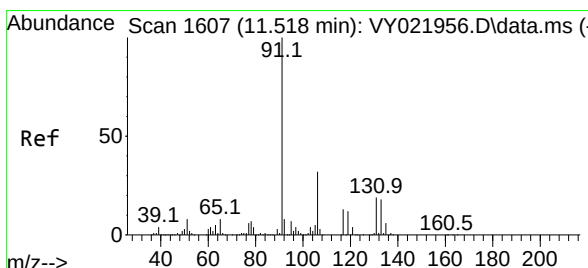
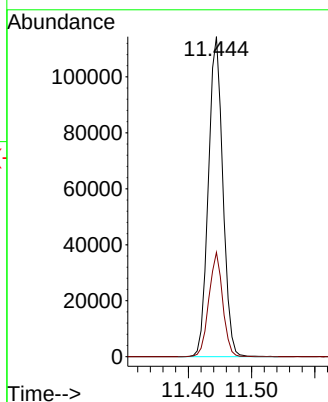
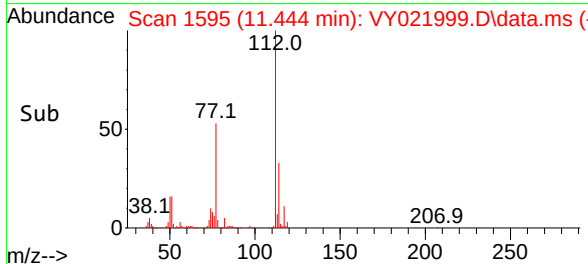
Instrument :
MSVOA_Y
ClientSampleId :
VY0425SBS01



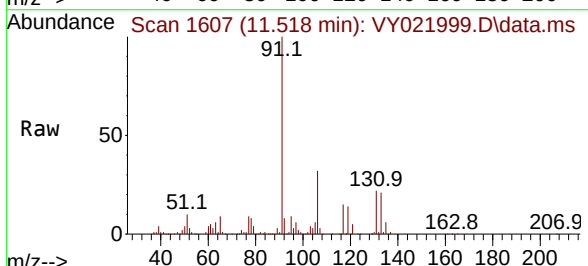
Tgt Ion:112 Resp: 181400
Ion Ratio Lower Upper
112 100
114 32.6 25.0 37.4

Manual Integrations
APPROVED

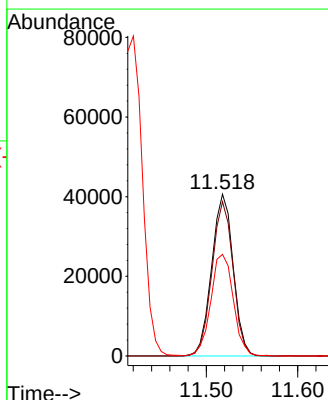
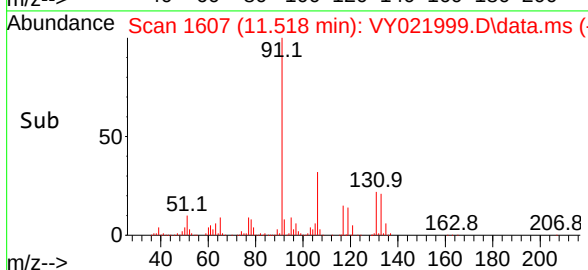
Reviewed By :Semsettin Yesilyurt 04/28/2025
Supervised By :Mahesh Dadoda 04/28/2025

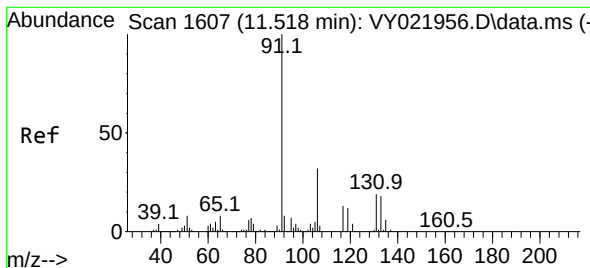


#66
1,1,1,2-Tetrachloroethane
Concen: 20.306 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY021999.D
Acq: 25 Apr 2025 10:45



Tgt Ion:131 Resp: 66401
Ion Ratio Lower Upper
131 100
133 93.5 47.8 143.3
119 65.9 32.4 97.0





#67

Ethyl Benzene

Concen: 19.054 ug/l

RT: 11.524 min Scan# 1608

Delta R.T. 0.006 min

Lab File: VY021999.D

Acq: 25 Apr 2025 10:45

Instrument :

MSVOA_Y

ClientSampleId :

VY0425SBS01

Tgt Ion: 91 Resp: 28952

Ion Ratio Lower Upper

91 100

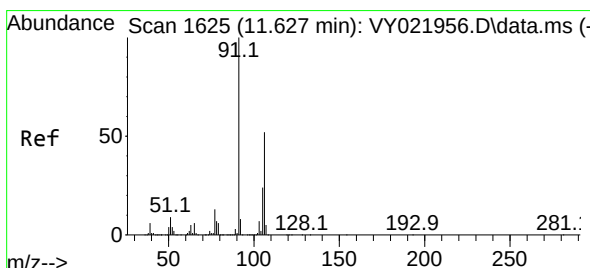
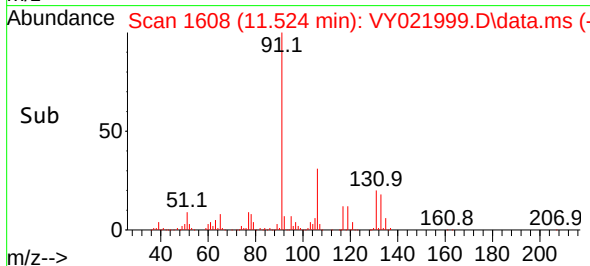
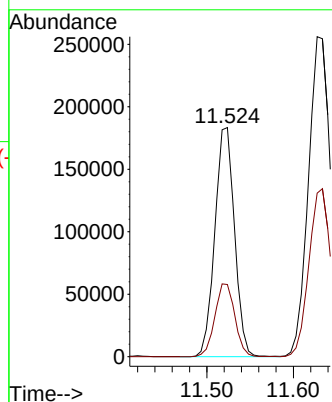
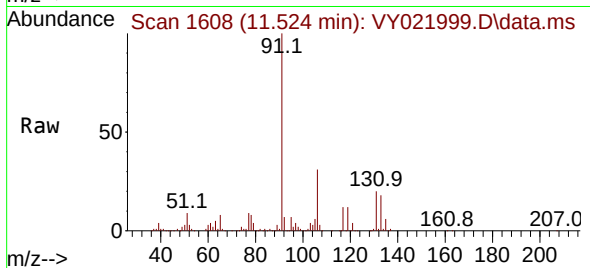
106 31.5 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/28/2025

Supervised By :Mahesh Dadoda 04/28/2025



#68

m/p-Xylenes

Concen: 39.263 ug/l

RT: 11.633 min Scan# 1626

Delta R.T. 0.006 min

Lab File: VY021999.D

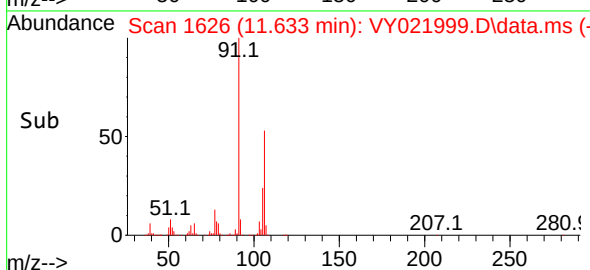
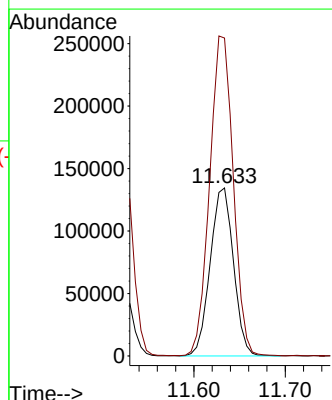
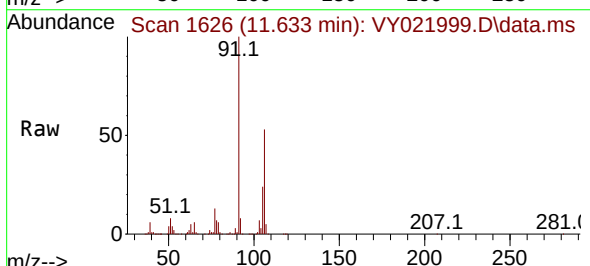
Acq: 25 Apr 2025 10:45

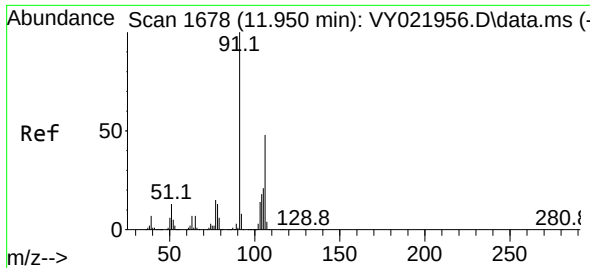
Tgt Ion:106 Resp: 237394

Ion Ratio Lower Upper

106 100

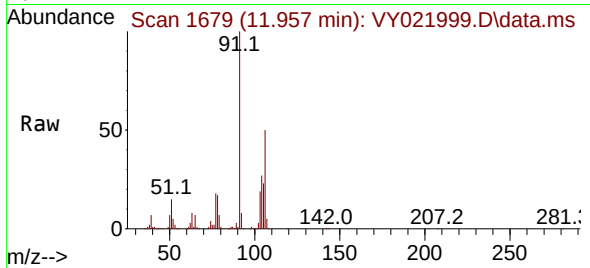
91 193.3 156.2 234.2





#69
o-Xylene
Concen: 19.408 ug/l
RT: 11.957 min Scan# 1679
Delta R.T. 0.006 min
Lab File: VY021999.D
Acq: 25 Apr 2025 10:45

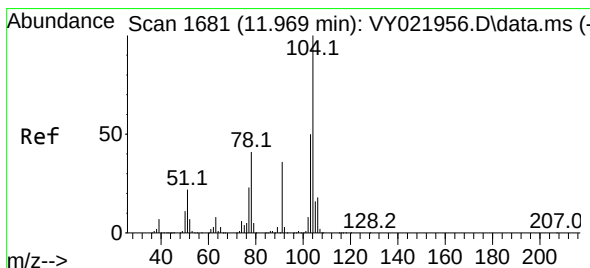
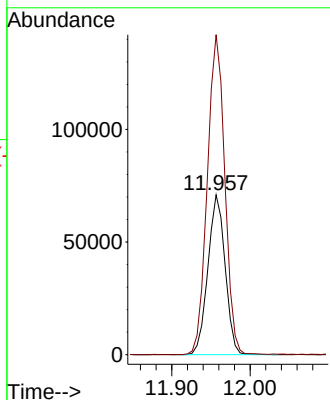
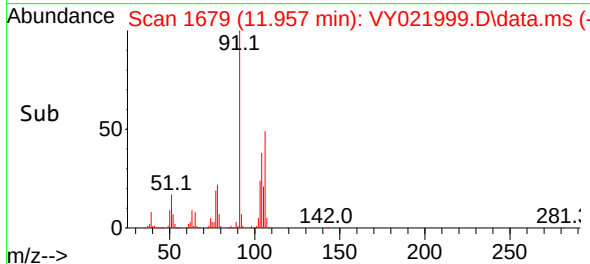
Instrument :
MSVOA_Y
ClientSampleId :
VY0425SBS01



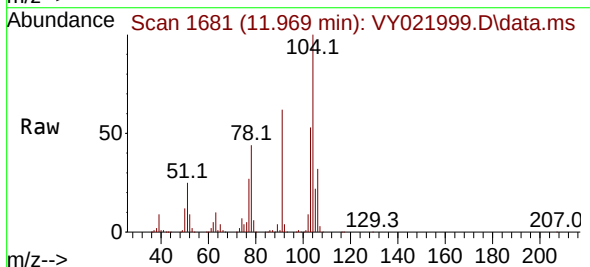
Tgt Ion:106 Resp: 108158
Ion Ratio Lower Upper
106 100
91 203.6 103.0 308.9

Manual Integrations
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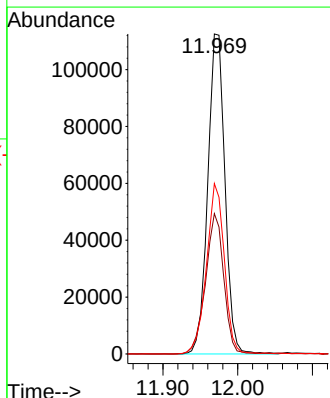
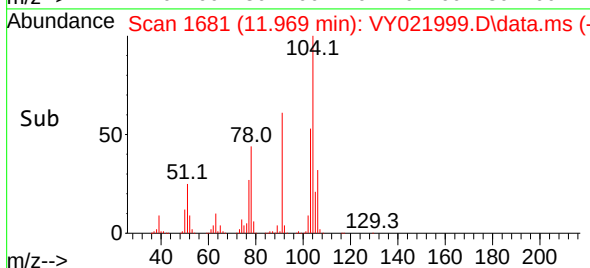
Reviewed By :Semsettin Yesilyurt 04/28/2025
Supervised By :Mahesh Dadoda 04/28/2025

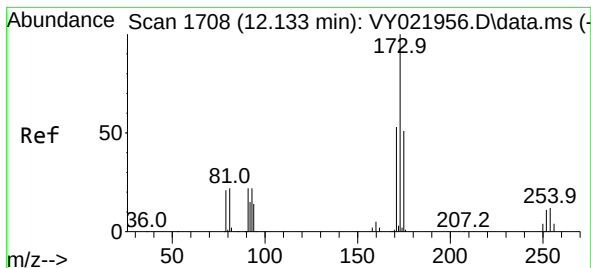


#70
Styrene
Concen: 19.220 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VY021999.D
Acq: 25 Apr 2025 10:45



Tgt Ion:104 Resp: 179838
Ion Ratio Lower Upper
104 100
78 46.5 36.6 54.8
103 55.5 43.8 65.8





#71

Bromoform

Concen: 19.862 ug/l

RT: 12.133 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY021999.D

Acq: 25 Apr 2025 10:45

Instrument :

MSVOA_Y

ClientSampleId :

VY0425SBS01

Tgt Ion:173 Resp: 37762

Ion Ratio Lower Upper

173 100

175 48.9 24.3 72.8

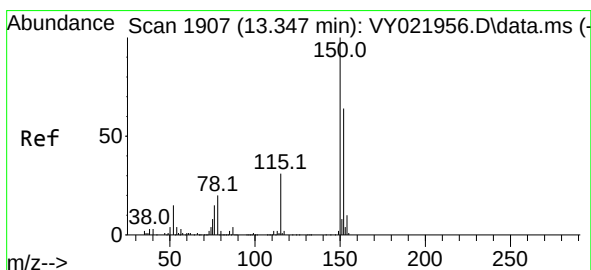
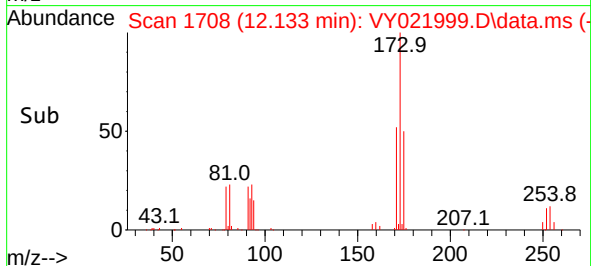
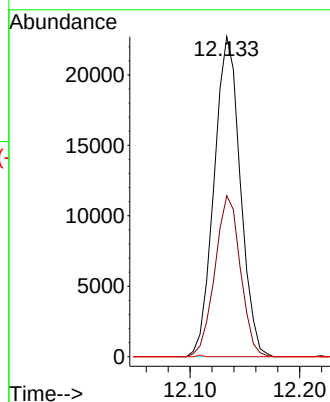
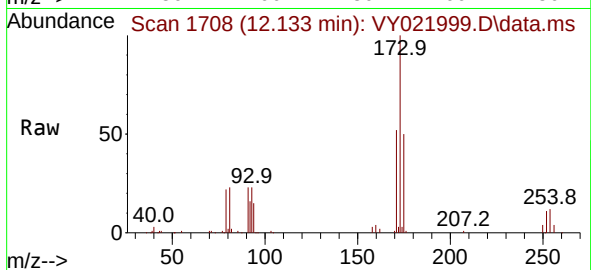
254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/28/2025

Supervised By :Mahesh Dadoda 04/28/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.353 min Scan# 1908

Delta R.T. 0.006 min

Lab File: VY021999.D

Acq: 25 Apr 2025 10:45

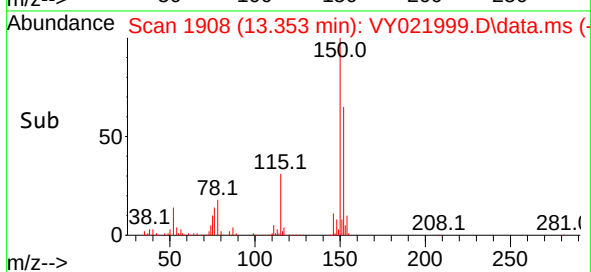
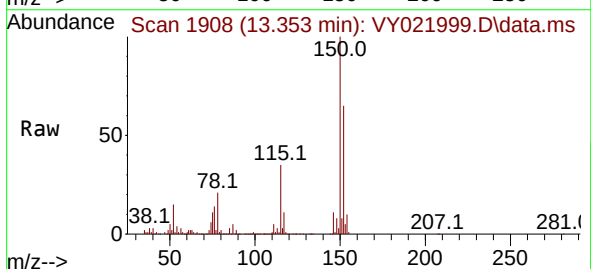
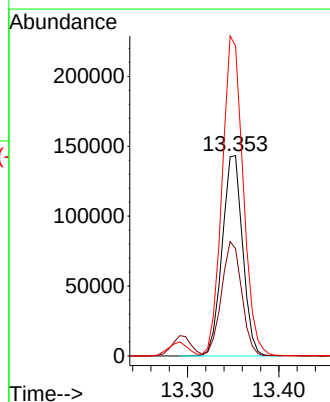
Tgt Ion:152 Resp: 222959

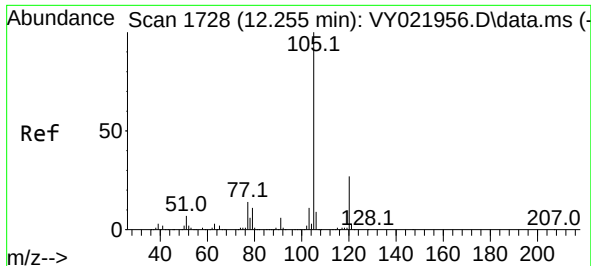
Ion Ratio Lower Upper

152 100

115 56.5 28.0 84.0

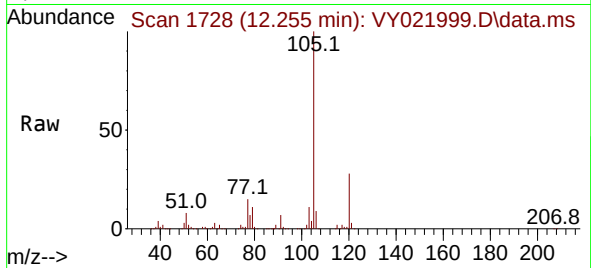
150 164.6 0.0 345.6





#73
Isopropylbenzene
Concen: 18.709 ug/l
RT: 12.255 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021999.D
Acq: 25 Apr 2025 10:45

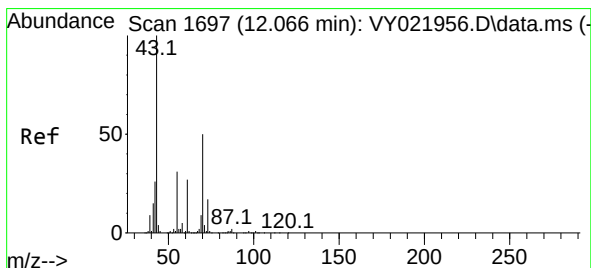
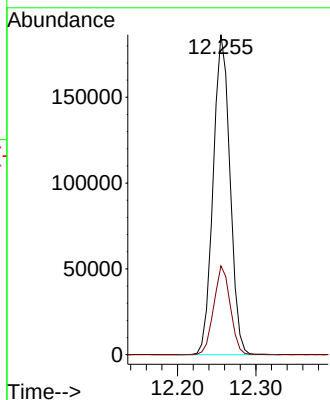
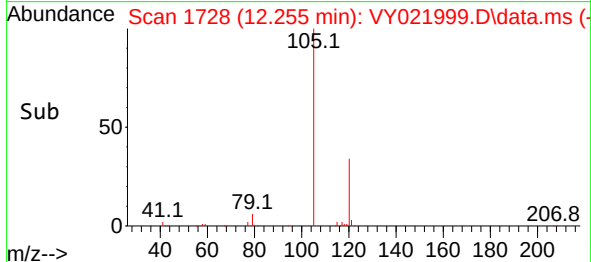
Instrument :
MSVOA_Y
ClientSampleId :
VY0425SBS01



Tgt Ion:105 Resp: 27868
Ion Ratio Lower Upper
105 100
120 27.2 13.5 40.5

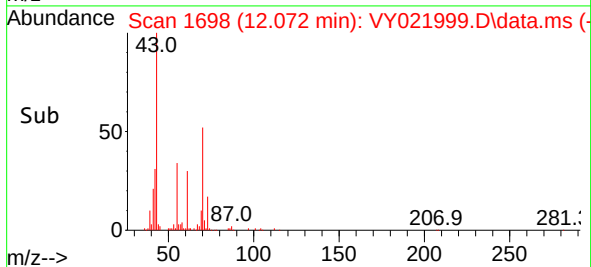
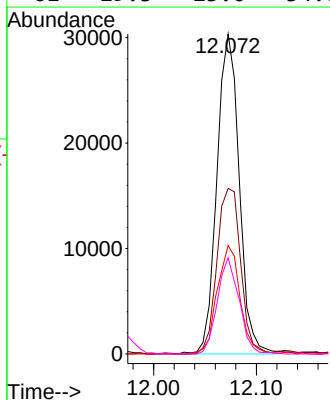
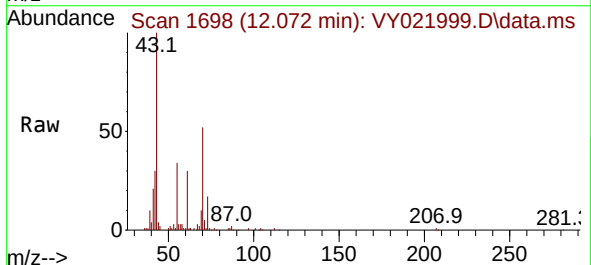
Manual Integrations
APPROVED

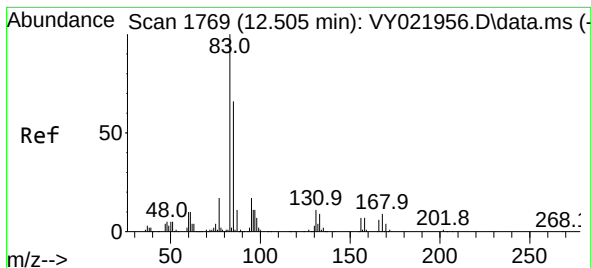
Reviewed By :Semsettin Yesilyurt 04/28/2025
Supervised By :Mahesh Dadoda 04/28/2025



#74
N-ethyl acetate
Concen: 17.861 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VY021999.D
Acq: 25 Apr 2025 10:45

Tgt Ion: 43 Resp: 45711
Ion Ratio Lower Upper
43 100
70 55.0 43.2 64.8
55 34.9 25.7 38.5
61 29.3 23.0 34.6





#75

1,1,2,2-Tetrachloroethane

Concen: 19.909 ug/l

RT: 12.511 min Scan# 1770

Delta R.T. 0.006 min

Lab File: VY021999.D

Acq: 25 Apr 2025 10:45

Instrument :

MSVOA_Y

ClientSampleId :

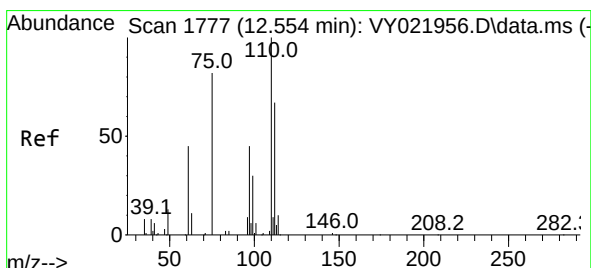
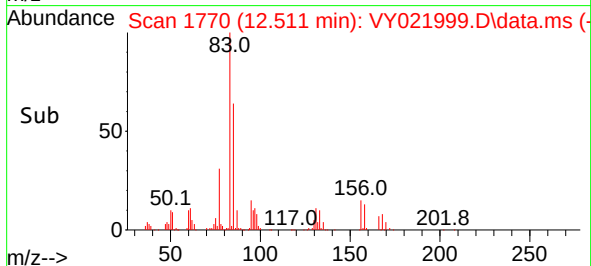
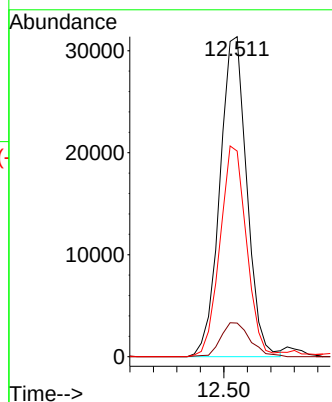
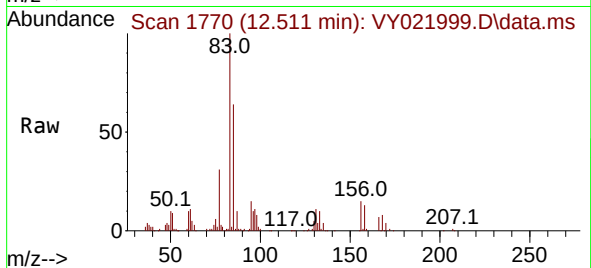
VY0425SBS01

Tgt Ion: 83	Resp: 4999
Ion Ratio	Lower Upper
83 100	
131 11.5	5.5 16.4
85 65.4	32.3 96.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/28/2025
Supervised By :Mahesh Dadoda 04/28/2025



#76

1,2,3-Trichloropropane

Concen: 20.526 ug/l m

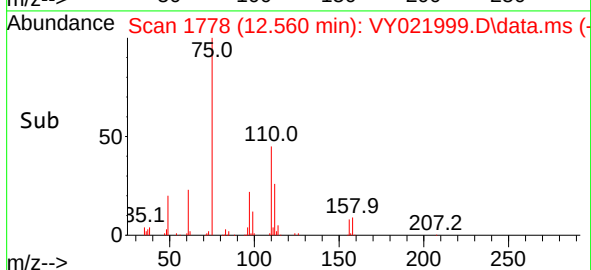
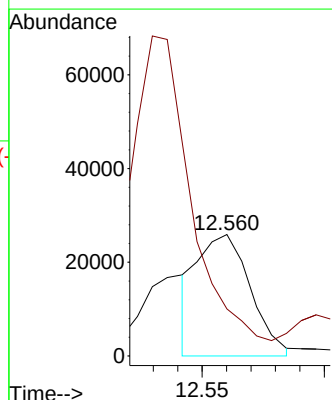
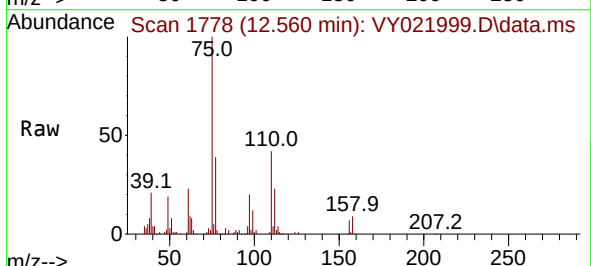
RT: 12.560 min Scan# 1778

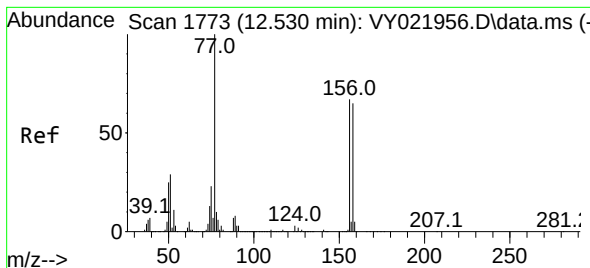
Delta R.T. 0.006 min

Lab File: VY021999.D

Acq: 25 Apr 2025 10:45

Tgt Ion: 75	Resp: 39199
Ion Ratio	Lower Upper
75 100	
77 0.0	0.0 0.0





#77

Bromobenzene

Concen: 19.556 ug/l

RT: 12.536 min Scan# 1773

Delta R.T. 0.006 min

Lab File: VY021999.D

Acq: 25 Apr 2025 10:45

Instrument :

MSVOA_Y

ClientSampleId :

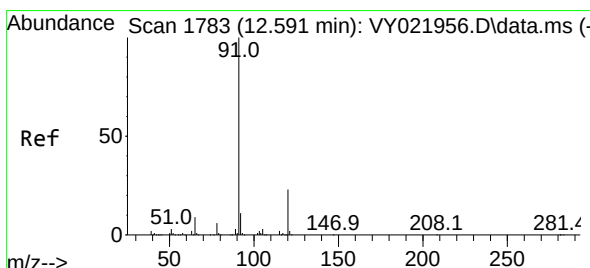
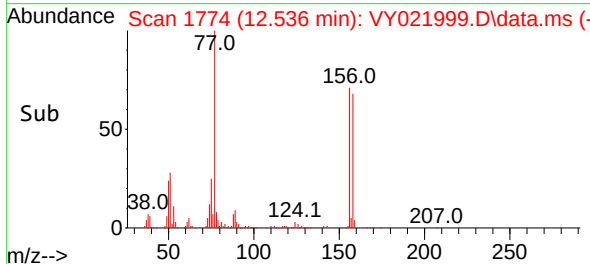
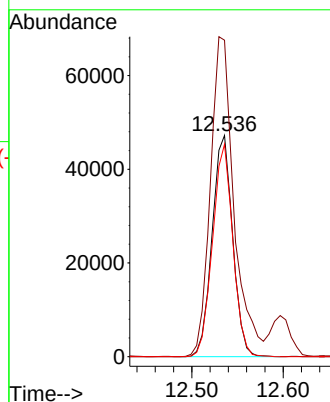
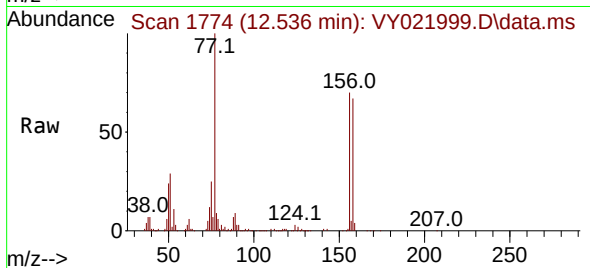
VY0425SBS01

Tgt Ion:	156	Resp:	73609
Ion Ratio	Lower	Upper	
156	100		
77	166.3	82.7	248.1
158	95.0	48.1	144.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/28/2025
Supervised By :Mahesh Dadoda 04/28/2025



#78

n-propylbenzene

Concen: 19.300 ug/l

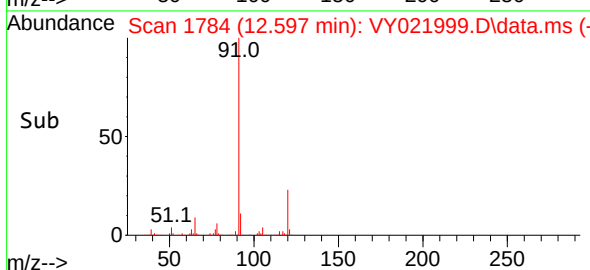
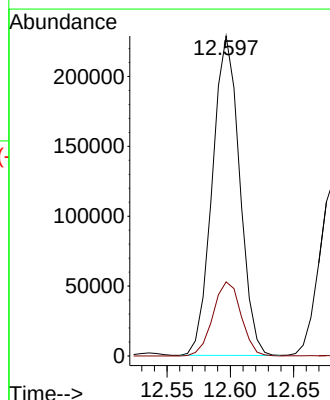
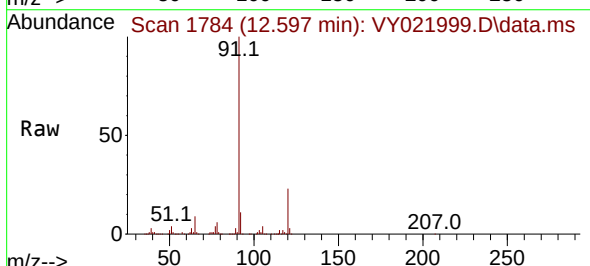
RT: 12.597 min Scan# 1784

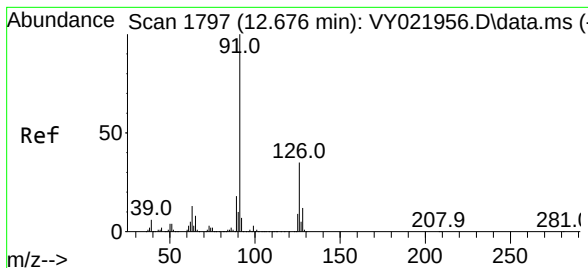
Delta R.T. 0.006 min

Lab File: VY021999.D

Acq: 25 Apr 2025 10:45

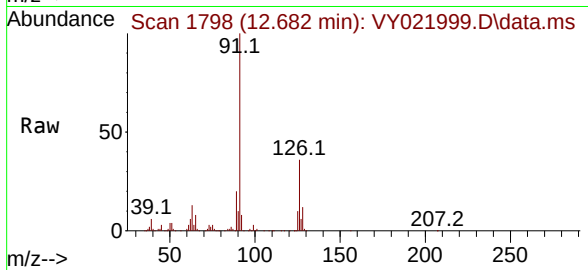
Tgt Ion:	91	Resp:	342371
Ion Ratio	Lower	Upper	
91	100		
120	23.9	11.9	35.5





#79
2-Chlorotoluene
Concen: 18.979 ug/l
RT: 12.682 min Scan# 1797
Delta R.T. 0.006 min
Lab File: VY021999.D
Acq: 25 Apr 2025 10:45

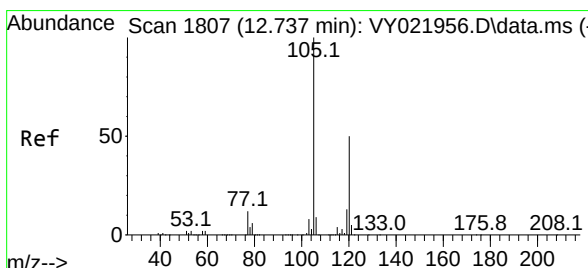
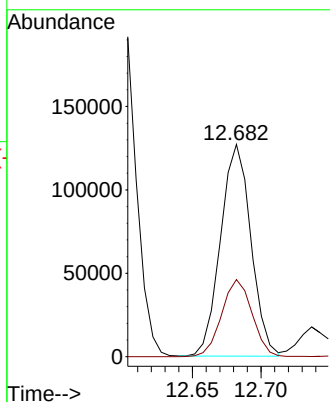
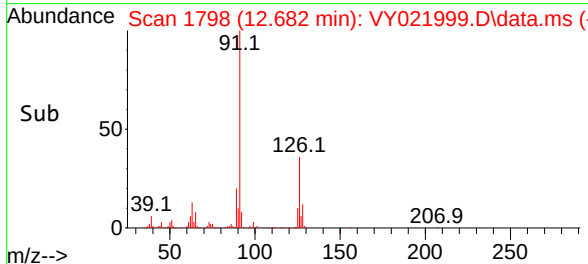
Instrument :
MSVOA_Y
ClientSampleId :
VY0425SBS01



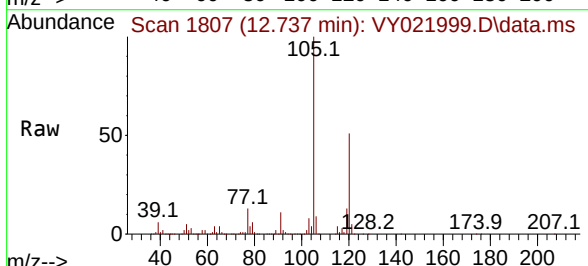
Tgt Ion: 91 Resp: 195799
Ion Ratio Lower Upper
91 100
126 36.5 17.9 53.8

Manual Integrations
APPROVED

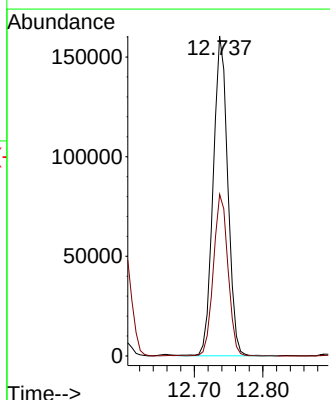
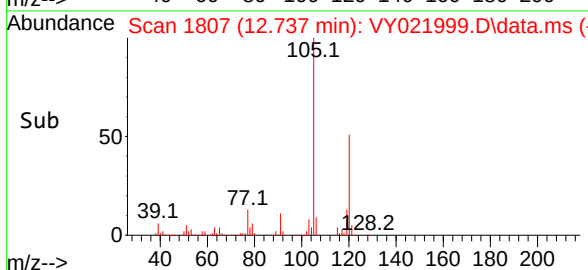
Reviewed By :Semsettin Yesilyurt 04/28/2025
Supervised By :Mahesh Dadoda 04/28/2025

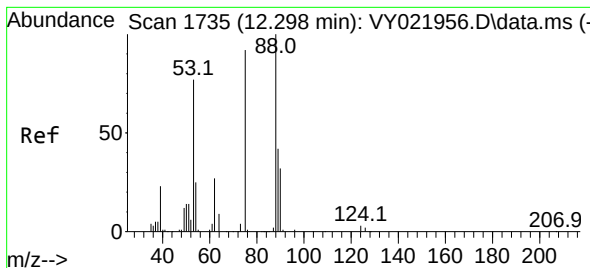


#80
1,3,5-Trimethylbenzene
Concen: 19.351 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY021999.D
Acq: 25 Apr 2025 10:45



Tgt Ion:105 Resp: 237505
Ion Ratio Lower Upper
105 100
120 50.4 25.0 75.0





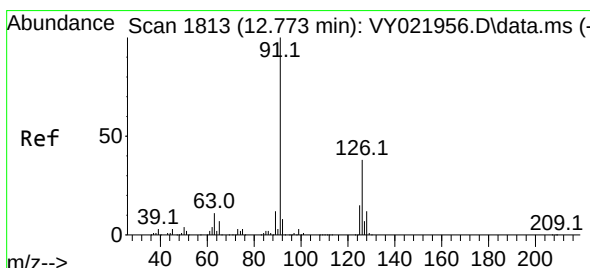
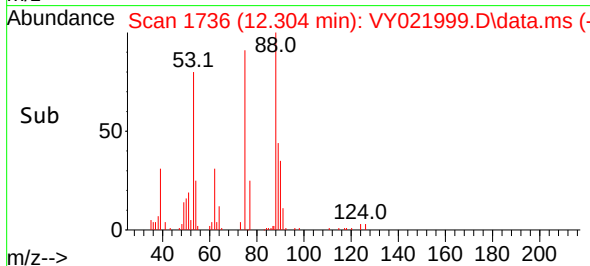
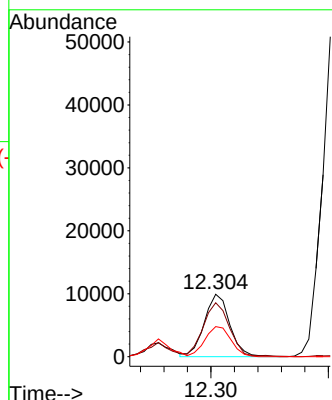
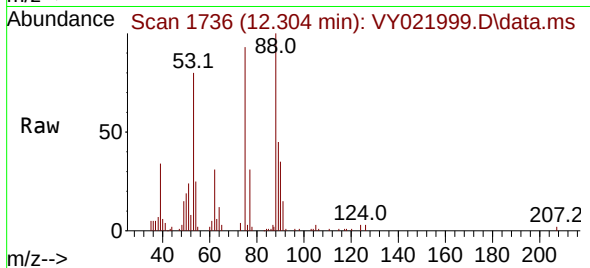
#81
trans-1,4-Dichloro-2-butene
Concen: 18.775 ug/l
RT: 12.304 min Scan# 1735
Delta R.T. 0.006 min
Lab File: VY021999.D
Acq: 25 Apr 2025 10:45

Instrument :
MSVOA_Y
ClientSampleId :
VY0425SBS01

Tgt Ion: 75 Resp: 14889
Ion Ratio Lower Upper
75 100
53 89.2 66.0 99.0
89 49.2 37.2 55.8

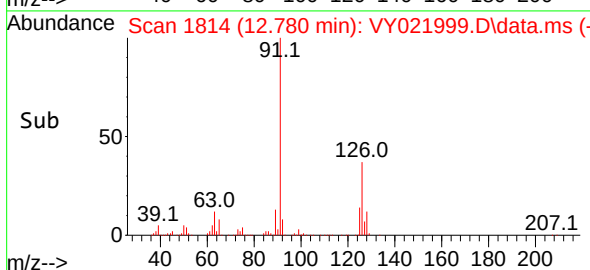
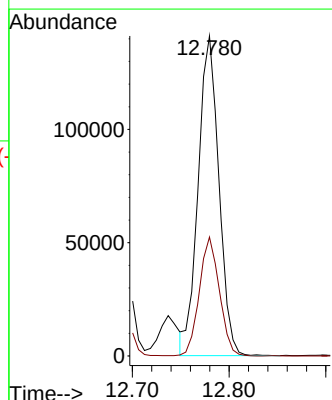
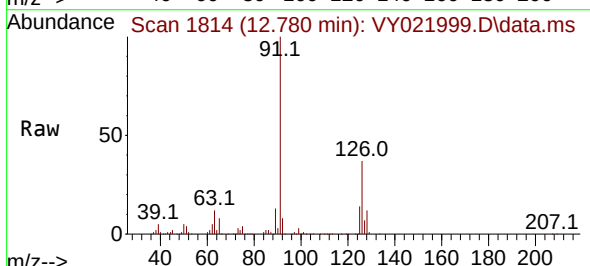
Manual Integrations
APPROVED

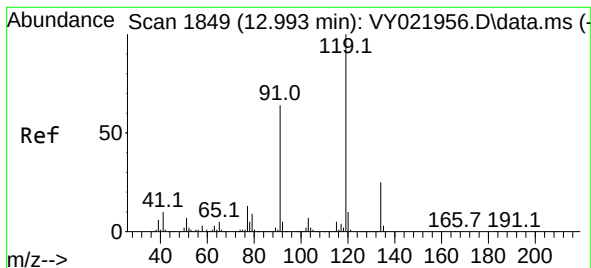
Reviewed By :Semsettin Yesilyurt 04/28/2025
Supervised By :Mahesh Dadoda 04/28/2025



#82
4-Chlorotoluene
Concen: 19.589 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. 0.006 min
Lab File: VY021999.D
Acq: 25 Apr 2025 10:45

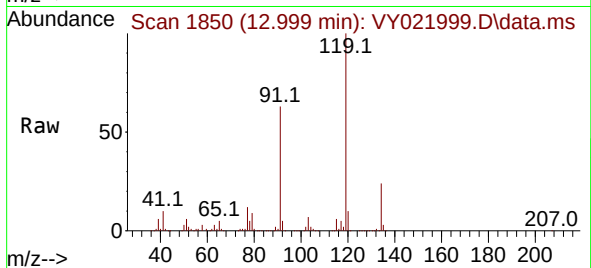
Tgt Ion: 91 Resp: 210075
Ion Ratio Lower Upper
91 100
126 36.1 17.9 53.8





#83
tert-Butylbenzene
Concen: 18.416 ug/l
RT: 12.999 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VY021999.D
Acq: 25 Apr 2025 10:45

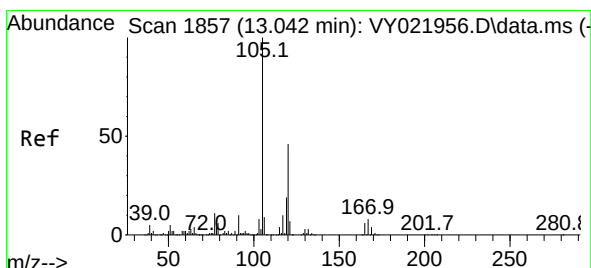
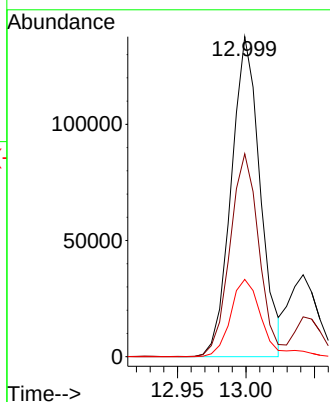
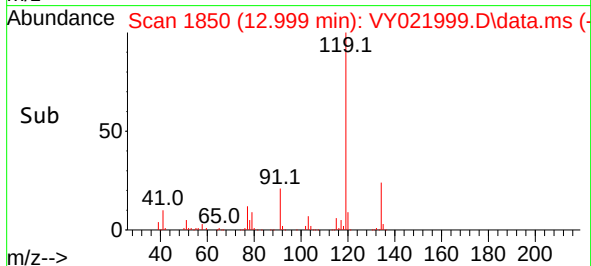
Instrument :
MSVOA_Y
ClientSampleId :
VY0425SBS01



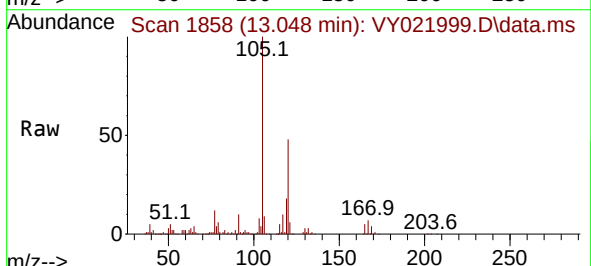
Tgt Ion:119 Resp: 202710
Ion Ratio Lower Upper
119 100
91 63.7 30.3 90.9
134 26.3 12.9 38.7

Manual Integrations
APPROVED

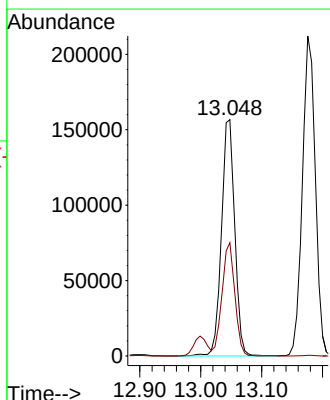
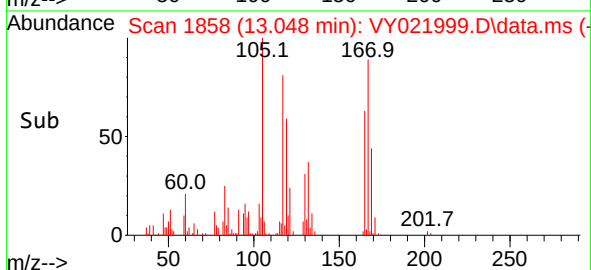
Reviewed By :Semsettin Yesilyurt 04/28/2025
Supervised By :Mahesh Dadoda 04/28/2025

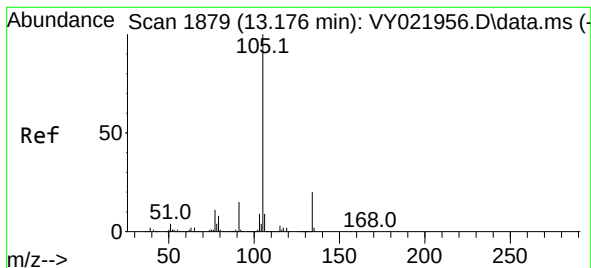


#84
1,2,4-Trimethylbenzene
Concen: 19.325 ug/l
RT: 13.048 min Scan# 1858
Delta R.T. 0.006 min
Lab File: VY021999.D
Acq: 25 Apr 2025 10:45



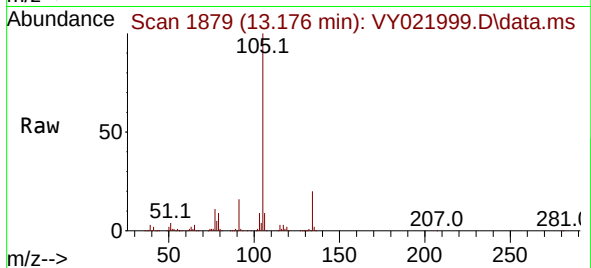
Tgt Ion:105 Resp: 237242
Ion Ratio Lower Upper
105 100
120 46.3 23.4 70.0





#85
 sec-Butylbenzene
 Concen: 19.379 ug/l
 RT: 13.176 min Scan# 1879
 Delta R.T. 0.000 min
 Lab File: VY021999.D
 Acq: 25 Apr 2025 10:45

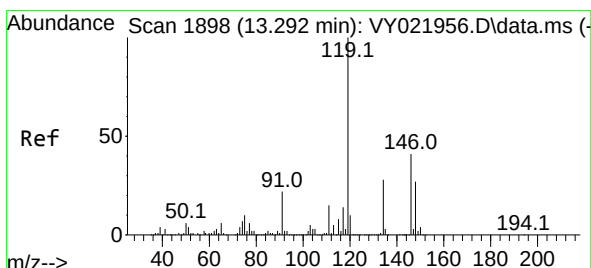
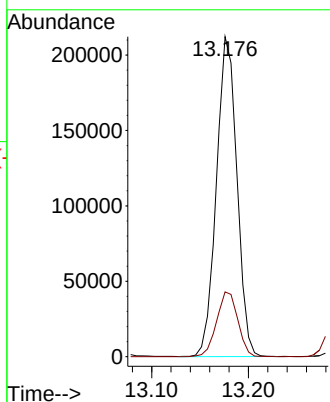
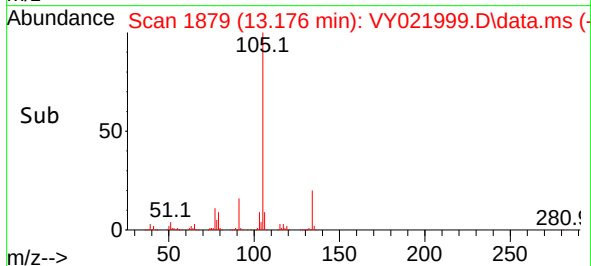
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0425SBS01



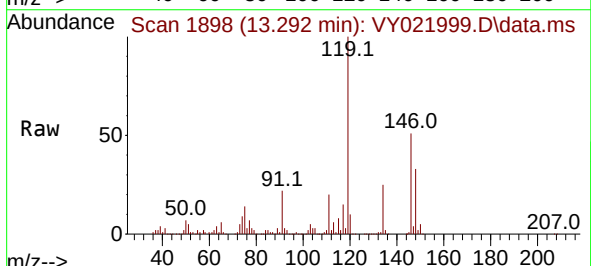
Tgt Ion:105 Resp: 312149
 Ion Ratio Lower Upper
 105 100
 134 20.9 10.3 30.9

Manual Integrations
 APPROVED

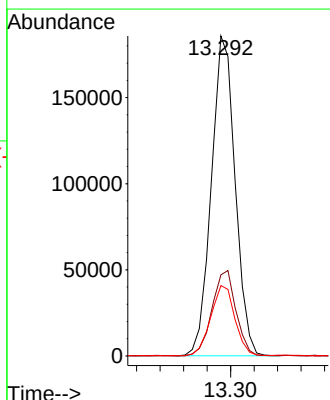
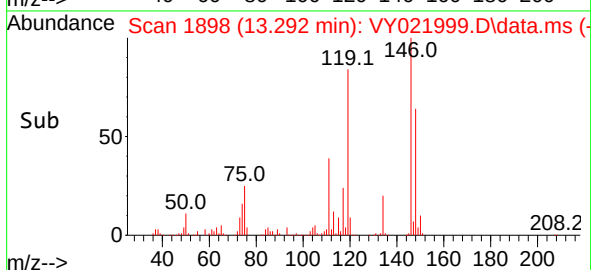
Reviewed By :Semsettin Yesilyurt 04/28/2025
 Supervised By :Mahesh Dadoda 04/28/2025

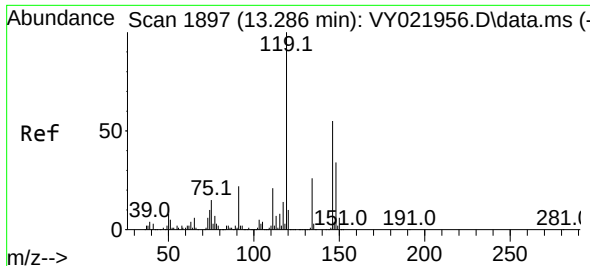


#86
 p-Isopropyltoluene
 Concen: 19.100 ug/l
 RT: 13.292 min Scan# 1898
 Delta R.T. 0.000 min
 Lab File: VY021999.D
 Acq: 25 Apr 2025 10:45



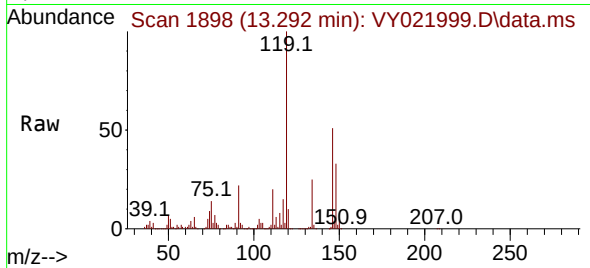
Tgt Ion:119 Resp: 261247
 Ion Ratio Lower Upper
 119 100
 134 27.0 13.6 40.7
 91 22.2 11.0 33.0





#87
1,3-Dichlorobenzene
Concen: 19.274 ug/l
RT: 13.292 min Scan# 1898
Delta R.T. 0.006 min
Lab File: VY021999.D
Acq: 25 Apr 2025 10:45

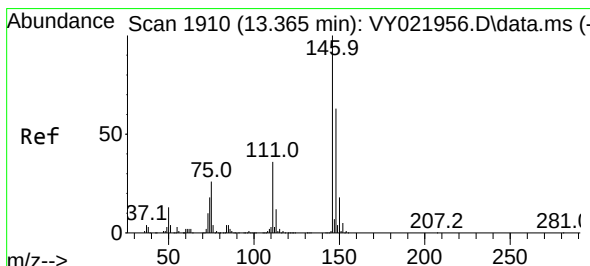
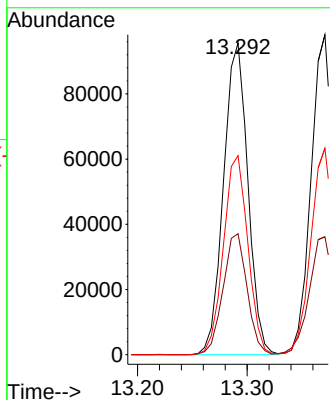
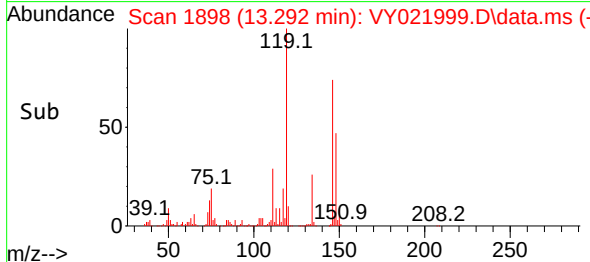
Instrument :
MSVOA_Y
ClientSampleId :
VY0425SBS01



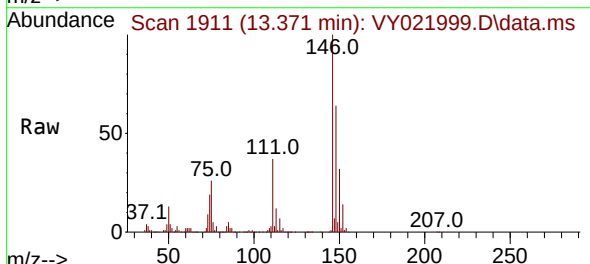
Tgt Ion:146 Resp: 147344
Ion Ratio Lower Upper
146 100
111 38.4 19.1 57.5
148 64.2 32.0 96.2

Manual Integrations
APPROVED

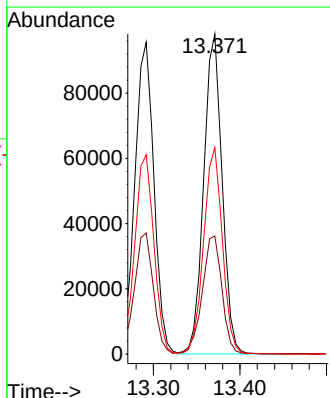
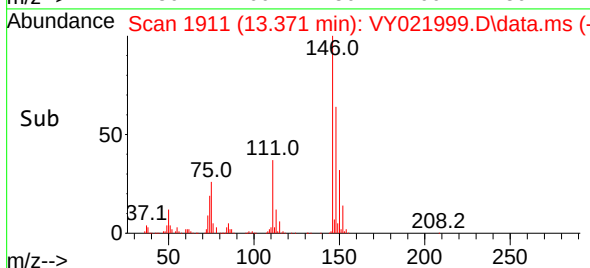
Reviewed By :Semsettin Yesilyurt 04/28/2025
Supervised By :Mahesh Dadoda 04/28/2025

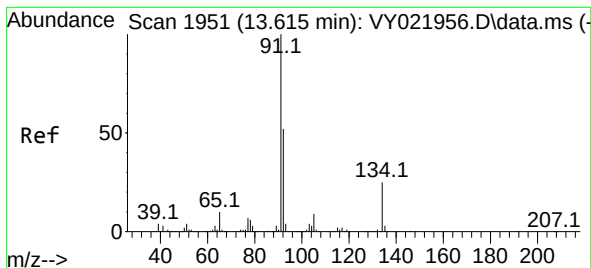


#88
1,4-Dichlorobenzene
Concen: 19.125 ug/l
RT: 13.371 min Scan# 1911
Delta R.T. 0.006 min
Lab File: VY021999.D
Acq: 25 Apr 2025 10:45



Tgt Ion:146 Resp: 144803
Ion Ratio Lower Upper
146 100
111 39.6 19.2 57.6
148 65.8 32.0 96.0





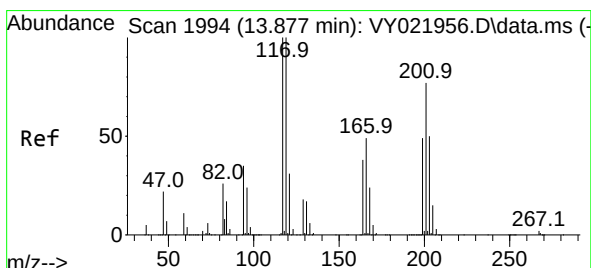
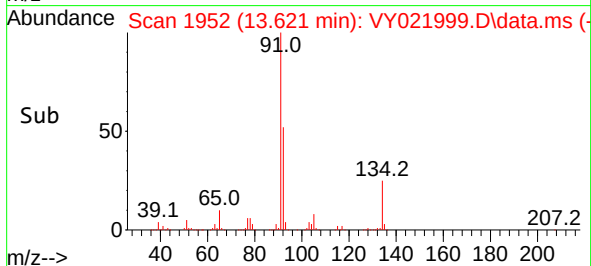
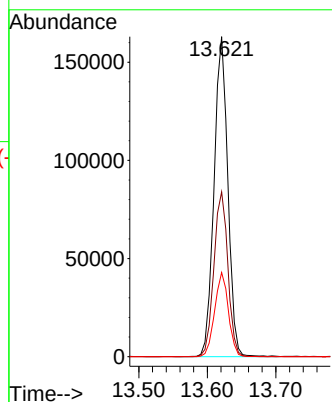
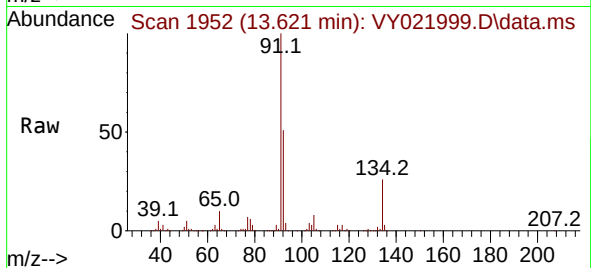
#89
n-Butylbenzene
Concen: 18.677 ug/l
RT: 13.621 min Scan# 1951
Delta R.T. 0.006 min
Lab File: VY021999.D
Acq: 25 Apr 2025 10:45

Instrument :
MSVOA_Y
ClientSampleId :
VY0425SBS01

Tgt Ion: 91 Resp: 22833
Ion Ratio Lower Upper
91 100
92 52.2 26.5 79.5
134 26.2 13.4 40.1

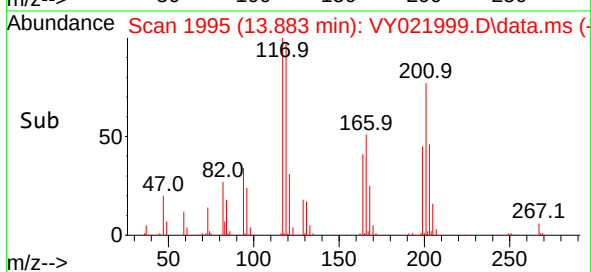
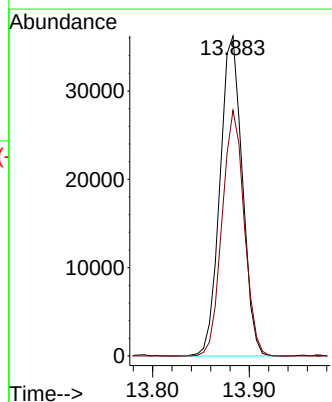
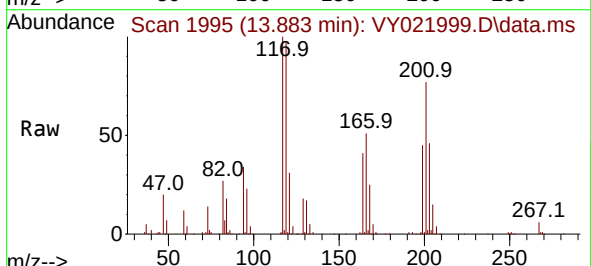
Manual Integrations
APPROVED

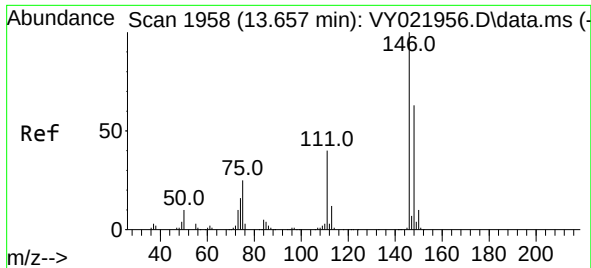
Reviewed By :Semsettin Yesilyurt 04/28/2025
Supervised By :Mahesh Dadoda 04/28/2025



#90
Hexachloroethane
Concen: 19.303 ug/l
RT: 13.883 min Scan# 1995
Delta R.T. 0.006 min
Lab File: VY021999.D
Acq: 25 Apr 2025 10:45

Tgt Ion:117 Resp: 58006
Ion Ratio Lower Upper
117 100
201 75.9 38.7 116.1





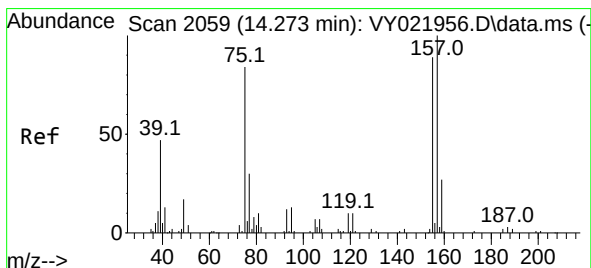
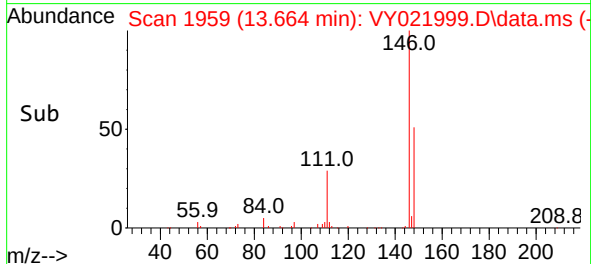
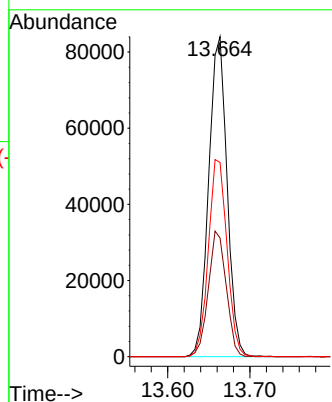
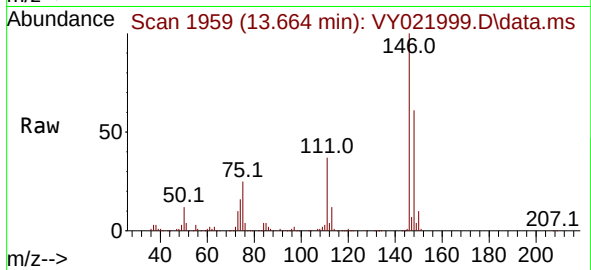
#91
1,2-Dichlorobenzene
Concen: 19.527 ug/l
RT: 13.664 min Scan# 1958
Delta R.T. 0.006 min
Lab File: VY021999.D
Acq: 25 Apr 2025 10:45

Instrument :
MSVOA_Y
ClientSampleId :
VY0425SBS01

Tgt Ion:146 Resp: 13020
Ion Ratio Lower Upper
146 100
111 38.4 19.7 59.1
148 62.7 32.1 96.3

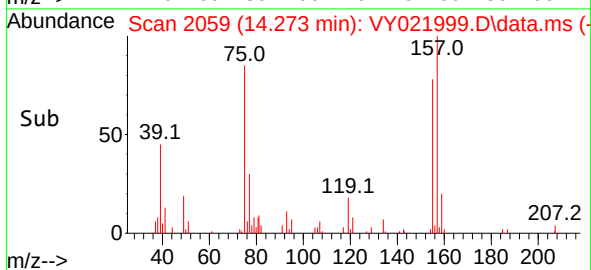
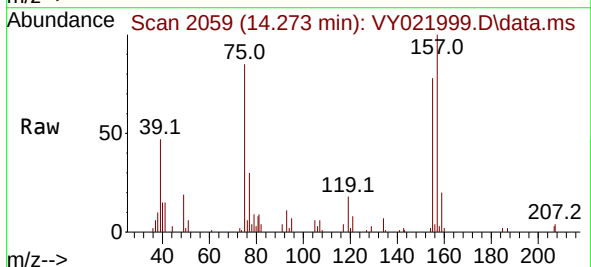
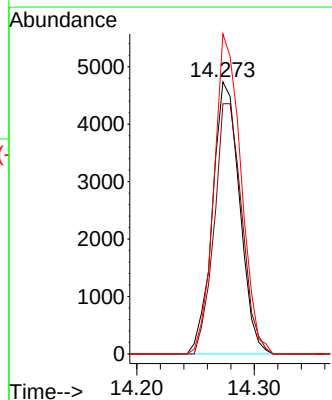
Manual Integrations
APPROVED

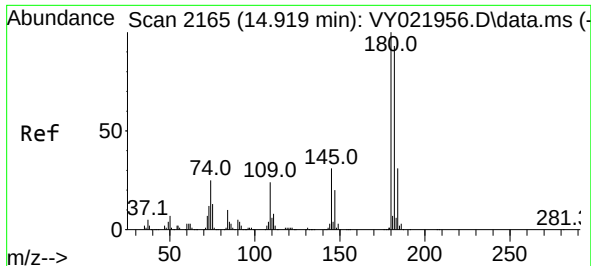
Reviewed By :Semsettin Yesilyurt 04/28/2025
Supervised By :Mahesh Dadoda 04/28/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.991 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. 0.000 min
Lab File: VY021999.D
Acq: 25 Apr 2025 10:45

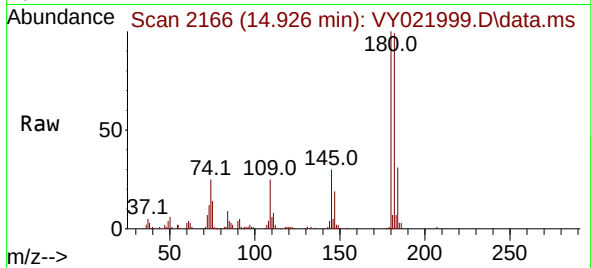
Tgt Ion: 75 Resp: 7588
Ion Ratio Lower Upper
75 100
155 93.3 50.7 152.3
157 117.0 62.6 187.8





#93
1,2,4-Trichlorobenzene
Concen: 18.112 ug/l
RT: 14.926 min Scan# 2166
Delta R.T. 0.006 min
Lab File: VY021999.D
Acq: 25 Apr 2025 10:45

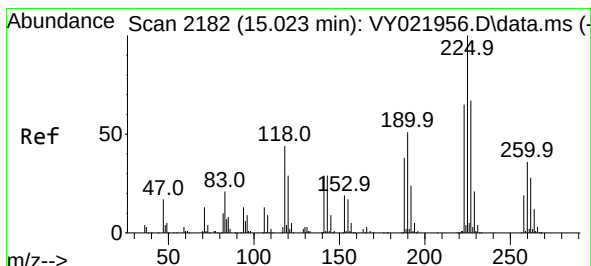
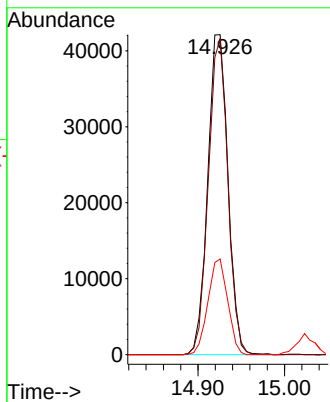
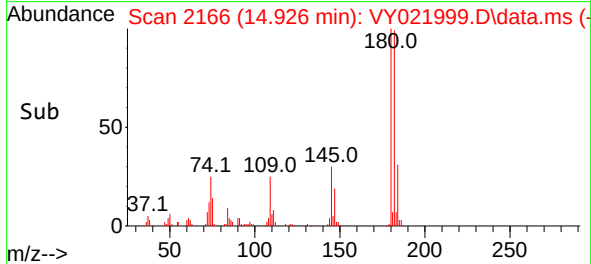
Instrument :
MSVOA_Y
ClientSampleId :
VY0425SBS01



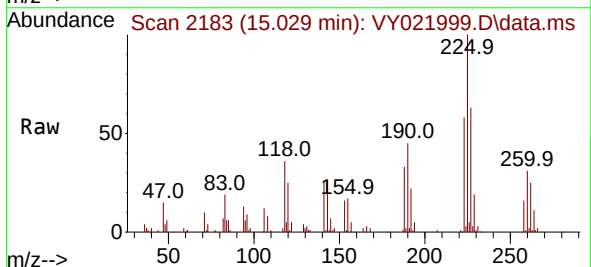
Tgt Ion:180 Resp: 6843
Ion Ratio Lower Upper
180 100
182 95.0 47.1 141.4
145 29.1 15.0 45.0

Manual Integrations
APPROVED

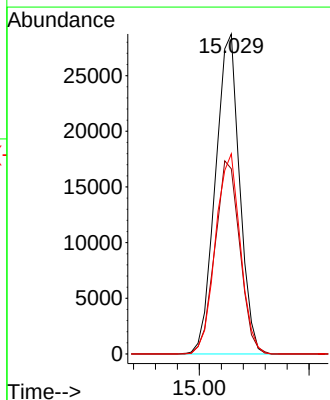
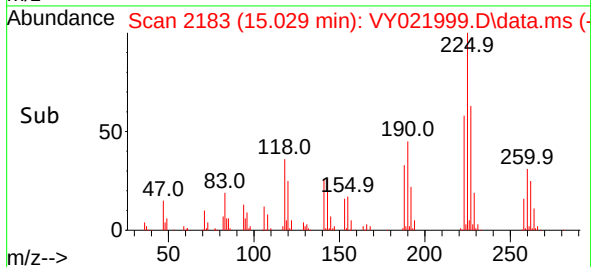
Reviewed By :Semsettin Yesilyurt 04/28/2025
Supervised By :Mahesh Dadoda 04/28/2025

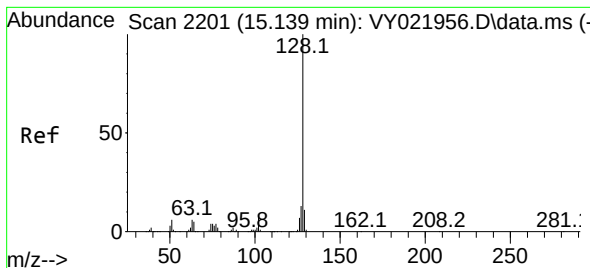


#94
Hexachlorobutadiene
Concen: 18.952 ug/l
RT: 15.029 min Scan# 2183
Delta R.T. 0.006 min
Lab File: VY021999.D
Acq: 25 Apr 2025 10:45



Tgt Ion:225 Resp: 44059
Ion Ratio Lower Upper
225 100
223 62.4 31.9 95.5
227 64.1 32.3 96.9





#95

Naphthalene

Concen: 16.567 ug/l

RT: 15.145 min Scan# 2201

Delta R.T. 0.006 min

Lab File: VY021999.D

Acq: 25 Apr 2025 10:45

Instrument :

MSVOA_Y

ClientSampleId :

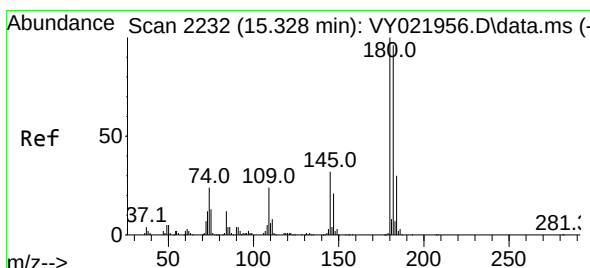
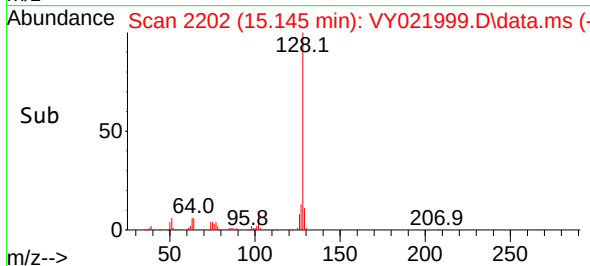
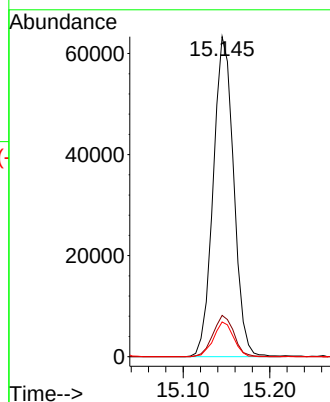
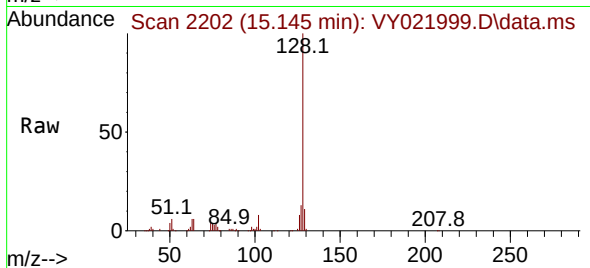
VY0425SBS01

Tgt Ion:128	Resp: 103984
Ion Ratio	Lower Upper
128 100	
127 13.2	10.6 16.0
129 10.6	8.9 13.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/28/2025
Supervised By :Mahesh Dadoda 04/28/2025



#96

1,2,3-Trichlorobenzene

Concen: 17.687 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY021999.D

Acq: 25 Apr 2025 10:45

Tgt Ion:180	Resp: 57687
Ion Ratio	Lower Upper
180 100	
182 95.7	48.1 144.4
145 32.7	16.0 48.0

