

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012325\
 Data File : VY020910.D
 Acq On : 23 Jan 2025 12:17
 Operator : SY/MD
 Sample : VY0123SBS02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0123SBS02

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 01/24/2025
 Supervised By : Mahesh Dadoda 01/24/2025

Quant Time: Jan 24 00:17:15 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010625S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 23 00:38:42 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.732	168	229008	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.634	114	331693	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.432	117	274062	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.365	152	133505	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.085	65	112132	57.607	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.220%
35) Dibromofluoromethane	7.659	113	121480	58.459	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	116.920%
50) Toluene-d8	10.128	98	475568	65.650	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	131.300%
62) 4-Bromofluorobenzene	12.426	95	149823	56.007	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	112.020%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.879	85	33164	19.733	ug/l	99
3) Chloromethane	2.086	50	22431	25.348	ug/l	93
4) Vinyl Chloride	2.221	62	27260	27.711	ug/l	97
5) Bromomethane	2.623	94	17065	24.355	ug/l	97
6) Chloroethane	2.757	64	16376	26.992	ug/l	98
7) Trichlorofluoromethane	3.086	101	69236	22.931	ug/l	96
8) Diethyl Ether	3.476	74	21059	22.304	ug/l	90
9) 1,1,2-Trichlorotrifluo...	3.848	101	48587	23.830	ug/l	99
10) Methyl Iodide	4.037	142	61117	27.971	ug/l	94
11) Tert butyl alcohol	4.909	59	19321	131.362	ug/l #	73
12) 1,1-Dichloroethene	3.818	96	39622	22.186	ug/l	95
13) Acrolein	3.690	56	2487	60.211	ug/l	94
14) Allyl chloride	4.415	41	59148	22.957	ug/l	94
15) Acrylonitrile	5.092	53	45569	113.560	ug/l	98
16) Acetone	3.903	43	33200	119.944	ug/l	100
17) Carbon Disulfide	4.141	76	75773	19.558	ug/l	99
18) Methyl Acetate	4.415	43	21182	22.664	ug/l	98
19) Methyl tert-butyl Ether	5.153	73	108960	21.619	ug/l	98
20) Methylene Chloride	4.647	84	42658	22.316	ug/l	98
21) trans-1,2-Dichloroethene	5.153	96	42771	21.748	ug/l	95
22) Diisopropyl ether	6.049	45	139103	25.345	ug/l	97
23) Vinyl Acetate	5.994	43	352001	116.318	ug/l	99
24) 1,1-Dichloroethane	5.952	63	84965	23.464	ug/l	99
25) 2-Butanone	6.927	43	53717	118.142	ug/l	100
26) 2,2-Dichloropropane	6.915	77	85195	22.660	ug/l	99
27) cis-1,2-Dichloroethene	6.921	96	55455	22.349	ug/l	97
28) Bromochloromethane	7.274	49	18873	19.315	ug/l	90
29) Tetrahydrofuran	7.287	42	33282	114.587	ug/l	95
30) Chloroform	7.451	83	92381	22.371	ug/l	100
31) Cyclohexane	7.726	56	66002	23.303	ug/l	98
32) 1,1,1-Trichloroethane	7.646	97	87588	21.745	ug/l	98
36) 1,1-Dichloropropene	7.860	75	62214	23.472	ug/l	99
37) Ethyl Acetate	7.012	43	24335	23.071	ug/l	98
38) Carbon Tetrachloride	7.848	117	80153	21.724	ug/l	96
39) Methylcyclohexane	9.128	83	73551	22.614	ug/l	95
40) Benzene	8.104	78	188025	23.114	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.250	41	15458	25.590	ug/l	92
42) 1,2-Dichloroethane	8.183	62	48261	21.724	ug/l	100
43) Isopropyl Acetate	8.219	43	50205	23.402	ug/l	97
44) Trichloroethene	8.884	130	52160	23.001	ug/l	96
45) 1,2-Dichloropropane	9.164	63	46180	25.041	ug/l	99
46) Dibromomethane	9.256	93	24004	22.667	ug/l	97
47) Bromodichloromethane	9.445	83	70137	23.125	ug/l	98
48) Methyl methacrylate	9.244	41	21573	22.430	ug/l	98
49) 1,4-Dioxane	9.256	88	4250	377.989	ug/l	90
51) 4-Methyl-2-Pentanone	10.018	43	127389	118.855	ug/l	98
52) Toluene	10.189	92	122944	22.823	ug/l	98
53) t-1,3-Dichloropropene	10.414	75	60141	22.295	ug/l	100
54) cis-1,3-Dichloropropene	9.878	75	71532	22.833	ug/l	96
55) 1,1,2-Trichloroethane	10.591	97	34620	22.883	ug/l	96
56) Ethyl methacrylate	10.457	69	43039	22.526	ug/l	98
57) 1,3-Dichloropropane	10.731	76	57857	23.461	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.731	63	69934	92.263	ug/l	96
59) 2-Hexanone	10.780	43	80525	117.109	ug/l	96
60) Dibromochloromethane	10.932	129	49664	22.634	ug/l	98
61) 1,2-Dibromoethane	11.030	107	31787	23.403	ug/l	99
64) Tetrachloroethene	10.664	164	46135	22.896	ug/l	95
65) Chlorobenzene	11.463	112	140898	23.253	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.536	131	52311	22.677	ug/l	98
67) Ethyl Benzene	11.536	91	243135	23.176	ug/l	98
68) m/p-Xylenes	11.646	106	184314	45.632	ug/l	99
69) o-Xylene	11.975	106	86288	22.531	ug/l	99
70) Styrene	11.987	104	147461	22.874	ug/l	98
71) Bromoform	12.152	173	29513	22.506	ug/l #	99
73) Isopropylbenzene	12.274	105	243813	23.020	ug/l	100
74) N-amyl acetate	12.091	43	41876	24.172	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.524	83	38682	24.097	ug/l	100
76) 1,2,3-Trichloropropane	12.578	75	27442m	23.492	ug/l	
77) Bromobenzene	12.548	156	56239	23.031	ug/l	99
78) n-propylbenzene	12.615	91	291006	24.207	ug/l	98
79) 2-Chlorotoluene	12.700	91	162242	23.436	ug/l	100
80) 1,3,5-Trimethylbenzene	12.755	105	199652	23.261	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.322	75	12521	22.601	ug/l	96
82) 4-Chlorotoluene	12.798	91	165530	23.170	ug/l	99
83) tert-Butylbenzene	13.017	119	189935	23.659	ug/l	95
84) 1,2,4-Trimethylbenzene	13.060	105	196116	23.398	ug/l	100
85) sec-Butylbenzene	13.194	105	268311	23.928	ug/l	100
86) p-Isopropyltoluene	13.310	119	224835	23.504	ug/l	99
87) 1,3-Dichlorobenzene	13.304	146	109162	23.007	ug/l	99
88) 1,4-Dichlorobenzene	13.383	146	107638	23.047	ug/l	99
89) n-Butylbenzene	13.633	91	197724	23.826	ug/l	99
90) Hexachloroethane	13.901	117	44628	23.234	ug/l	99
91) 1,2-Dichlorobenzene	13.676	146	94808	22.854	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.292	75	5338	20.566	ug/l	98
93) 1,2,4-Trichlorobenzene	14.938	180	51085	21.397	ug/l	100
94) Hexachlorobutadiene	15.041	225	39371	23.392	ug/l	99
95) Naphthalene	15.163	128	80264	20.427	ug/l	99
96) 1,2,3-Trichlorobenzene	15.352	180	41838	20.917	ug/l	99

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QLast Update : Thu Jan 23 00:38:42 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

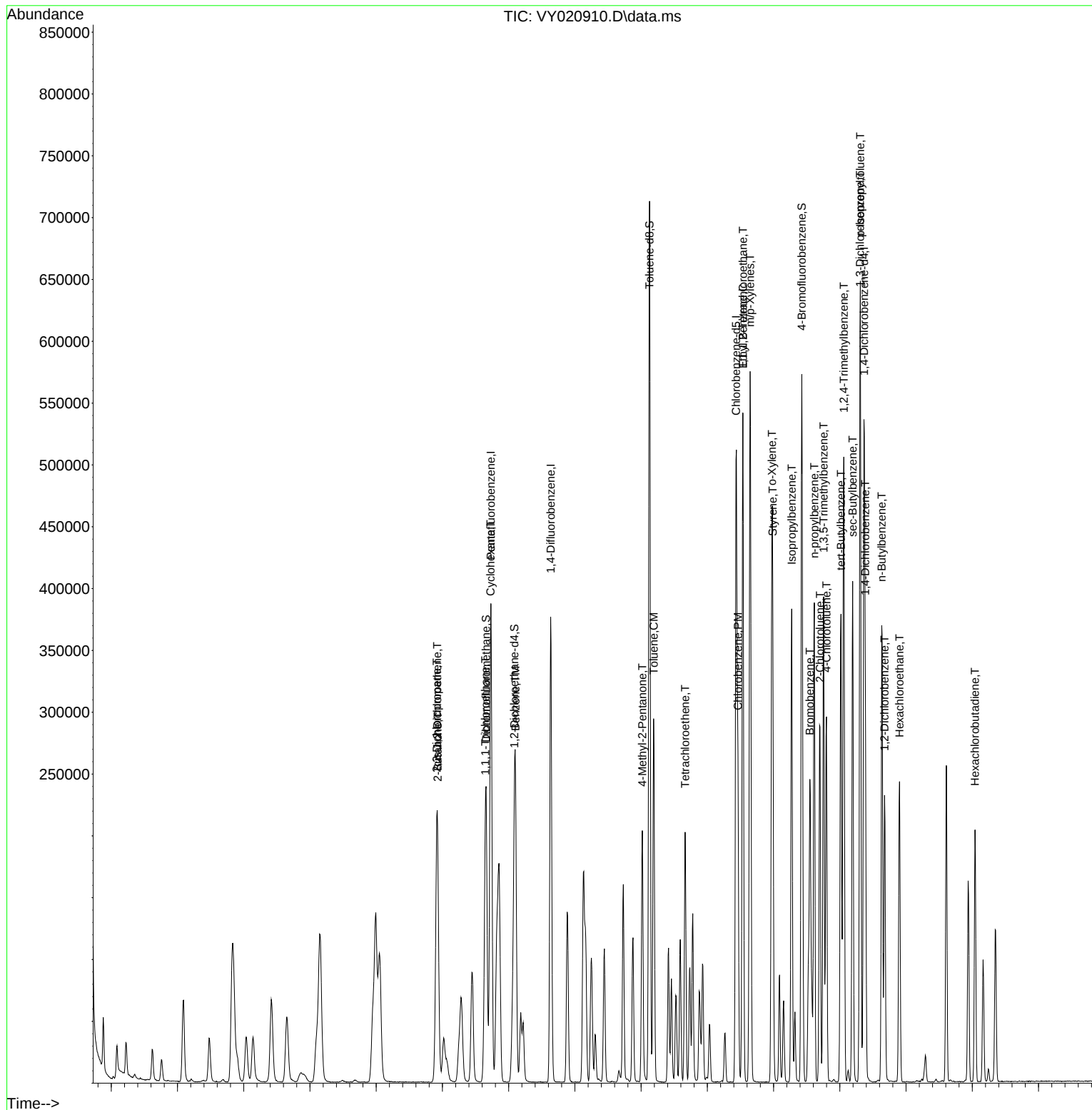
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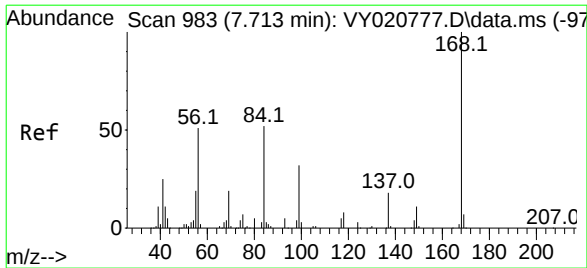
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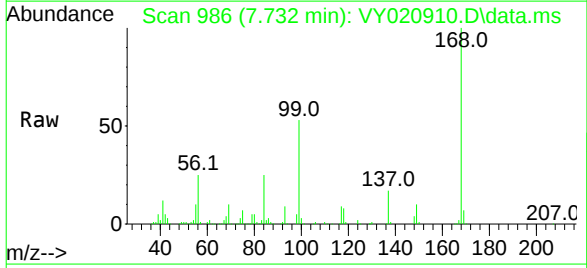
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.732 min Scan# 98
Delta R.T. -0.005 min
Lab File: VY020910.D
Acq: 23 Jan 2025 12:17

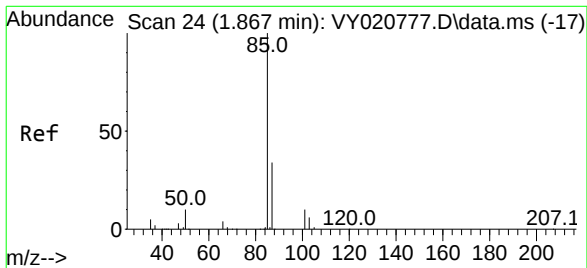
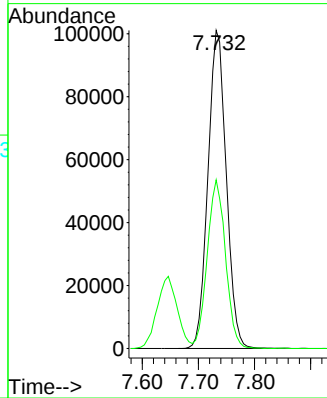
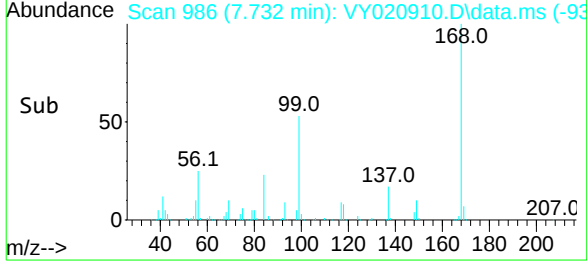
Instrument :
MSVOA_Y
ClientSampleId :
VY0123SBSD02



Tgt Ion:168 Resp: 229008
Ion Ratio Lower Upper
168 100
99 53.0 44.3 66.5

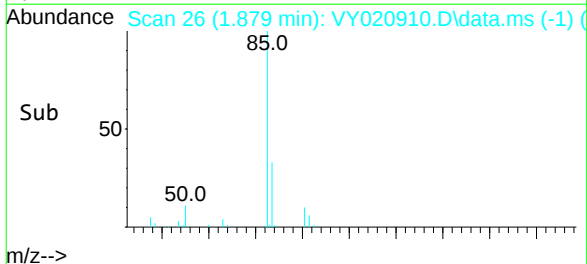
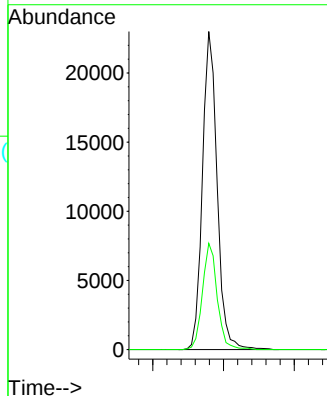
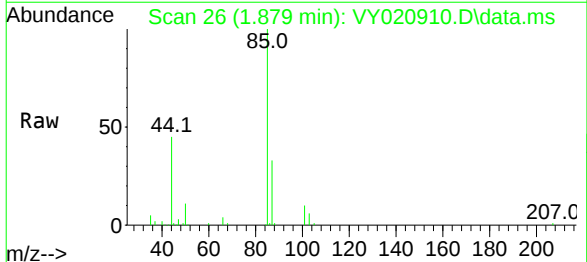
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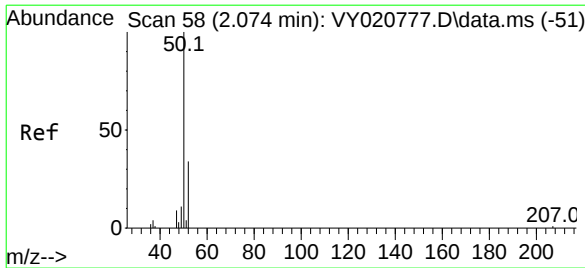
Reviewed By :Semsettin Yesilyurt 01/24/2025
Supervised By :Mahesh Dadoda 01/24/2025



#2
Dichlorodifluoromethane
Concen: 19.733 ug/l
RT: 1.879 min Scan# 26
Delta R.T. -0.006 min
Lab File: VY020910.D
Acq: 23 Jan 2025 12:17

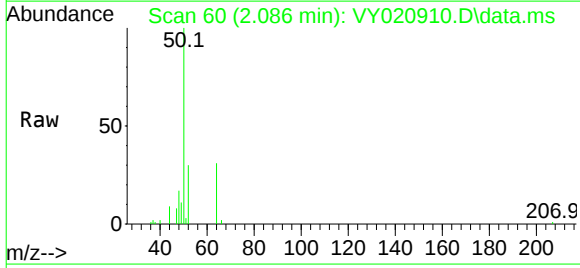
Tgt Ion: 85 Resp: 33164
Ion Ratio Lower Upper
85 100
87 33.4 16.9 50.6





#3
Chloromethane
Concen: 25.348 ug/l
RT: 2.086 min Scan# 60
Delta R.T. 0.000 min
Lab File: VY020910.D
Acq: 23 Jan 2025 12:17

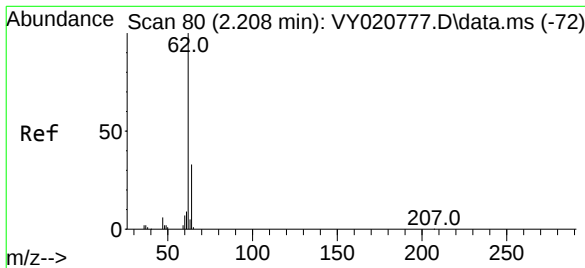
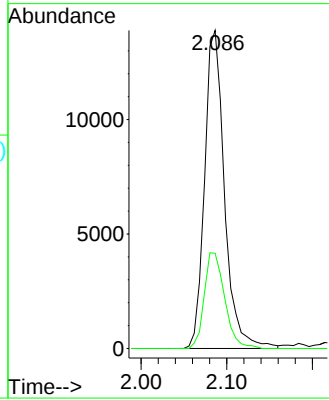
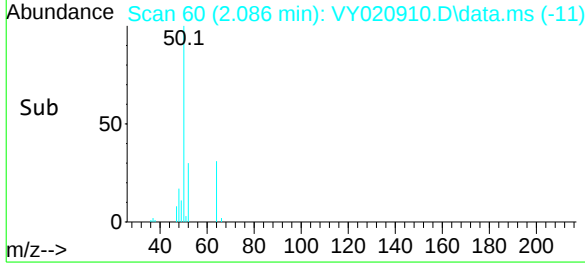
Instrument :
MSVOA_Y
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VY0123SBSD02



Tgt Ion: 50 Resp: 22431
Ion Ratio Lower Upper
50 100
52 30.0 27.3 40.9

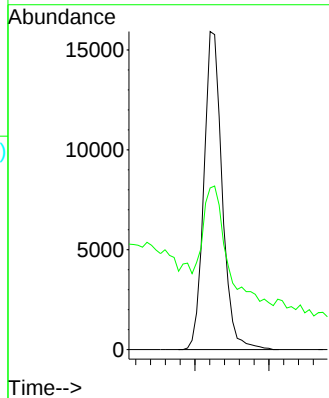
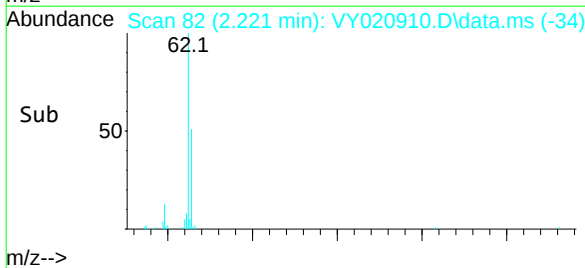
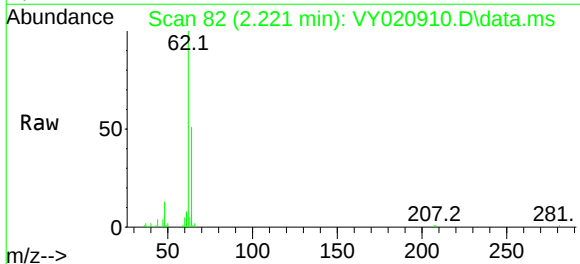
Manual Integrations
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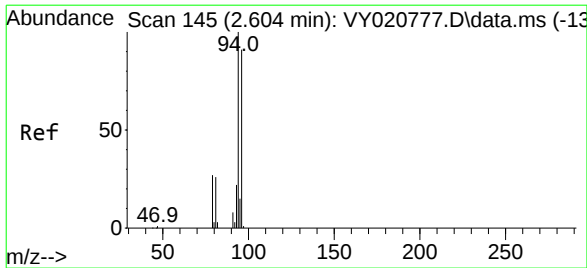
Reviewed By :Semsettin Yesilyurt 01/24/2025
Supervised By :Mahesh Dadoda 01/24/2025



#4
Vinyl Chloride
Concen: 27.711 ug/l
RT: 2.221 min Scan# 82
Delta R.T. -0.006 min
Lab File: VY020910.D
Acq: 23 Jan 2025 12:17

Tgt Ion: 62 Resp: 27260
Ion Ratio Lower Upper
62 100
64 35.0 26.6 39.8





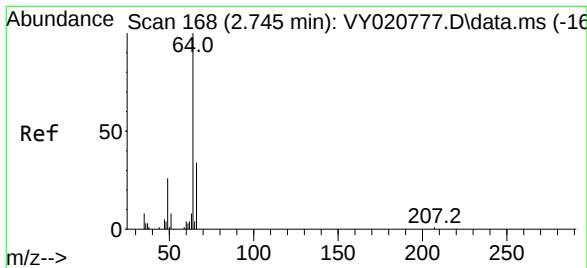
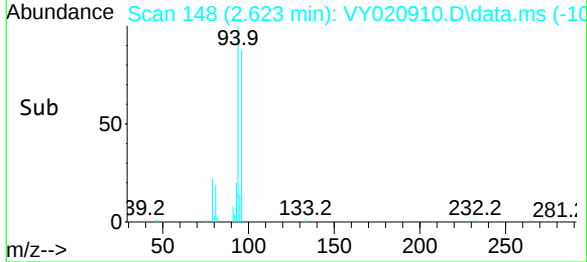
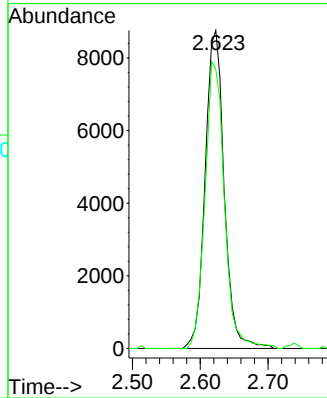
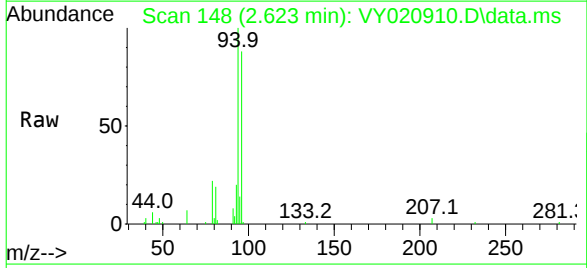
#5
Bromomethane
Concen: 24.355 ug/l
RT: 2.623 min Scan# 14
Delta R.T. -0.006 min
Lab File: VY020910.D
Acq: 23 Jan 2025 12:17

Instrument :
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Tgt Ion: 94 Resp: 17065
Ion Ratio Lower Upper
94 100
96 87.8 72.6 109.0

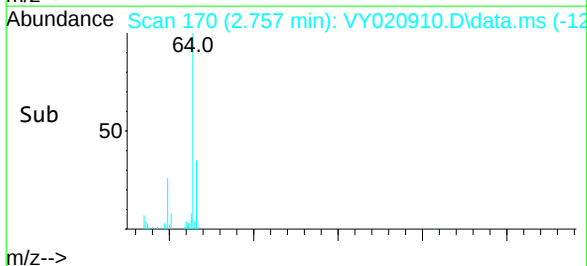
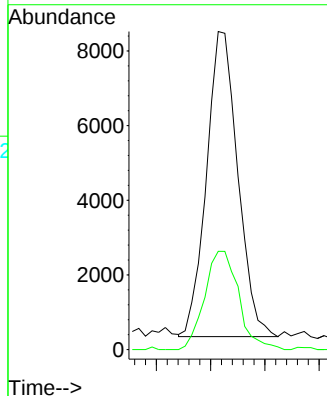
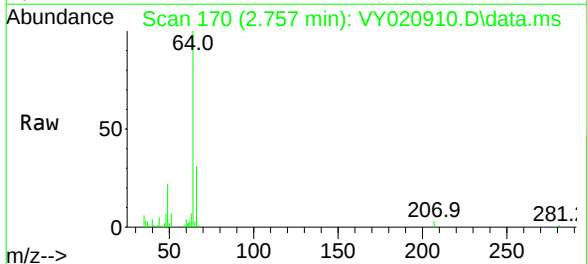
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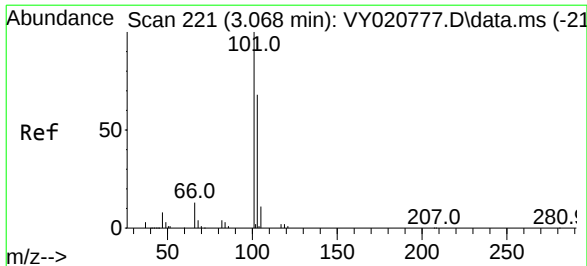
Reviewed By :Semsettin Yesilyurt 01/24/2025
Supervised By :Mahesh Dadoda 01/24/2025



#6
Chloroethane
Concen: 26.992 ug/l
RT: 2.757 min Scan# 170
Delta R.T. -0.006 min
Lab File: VY020910.D
Acq: 23 Jan 2025 12:17

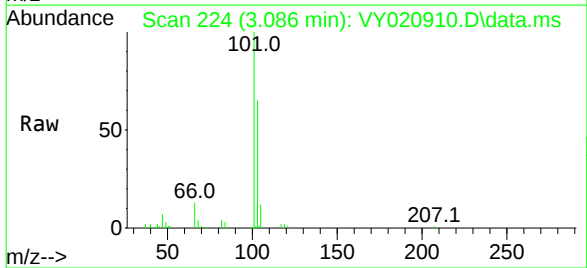
Tgt Ion: 64 Resp: 16376
Ion Ratio Lower Upper
64 100
66 32.2 26.9 40.3





Trichlorofluoromethane
 Concen: 22.931 ug/l
 RT: 3.086 min Scan# 221
 Delta R.T. -0.006 min
 Lab File: VY020910.D
 Acq: 23 Jan 2025 12:17

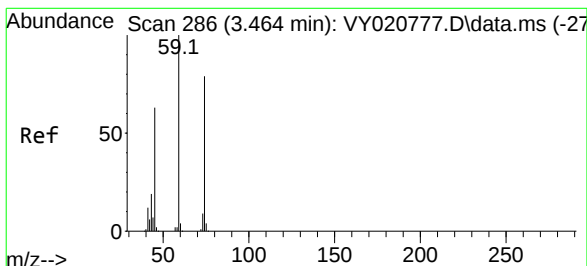
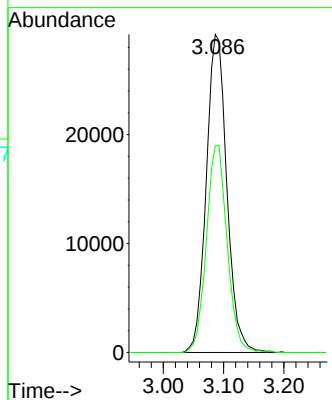
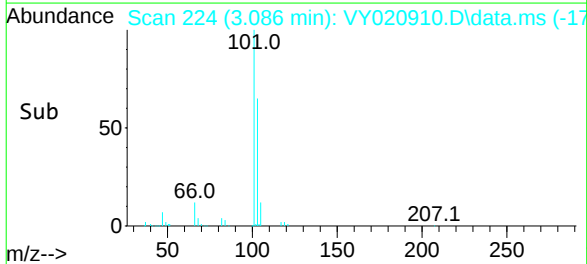
Instrument :
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Tgt Ion: 101 Resp: 69236
 Ion Ratio Lower Upper
 101 100
 103 65.0 54.6 82.0

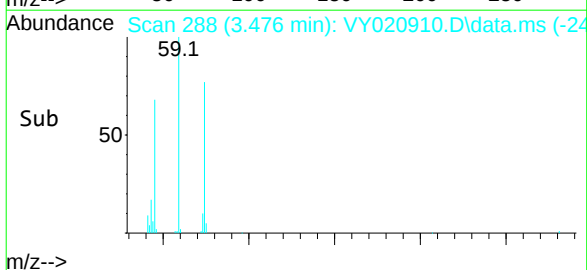
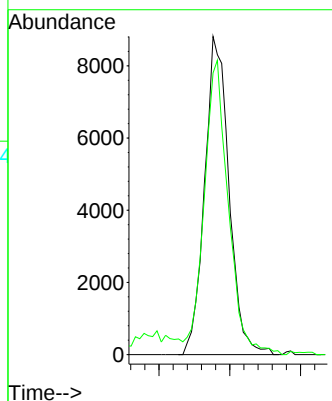
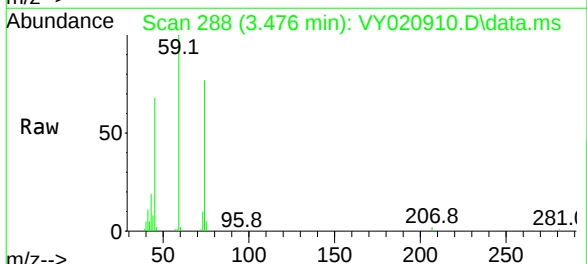
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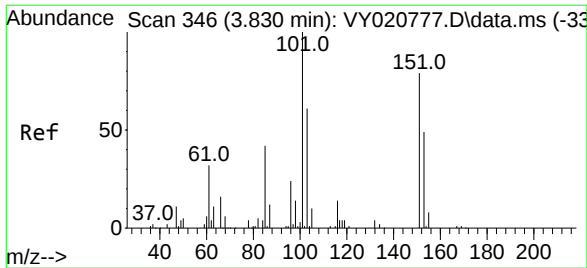
Reviewed By : Semsettin Yesilyurt 01/24/2025
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Diethyl Ether
 Concen: 22.304 ug/l
 RT: 3.476 min Scan# 288
 Delta R.T. -0.012 min
 Lab File: VY020910.D
 Acq: 23 Jan 2025 12:17

Tgt Ion: 74 Resp: 21059
 Ion Ratio Lower Upper
 74 100
 45 91.8 41.3 124.1





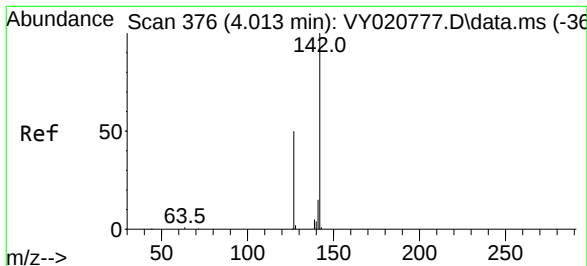
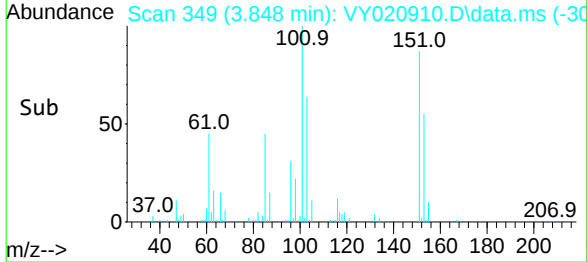
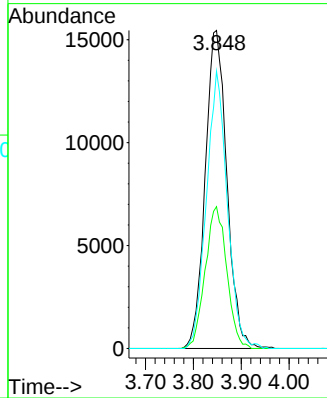
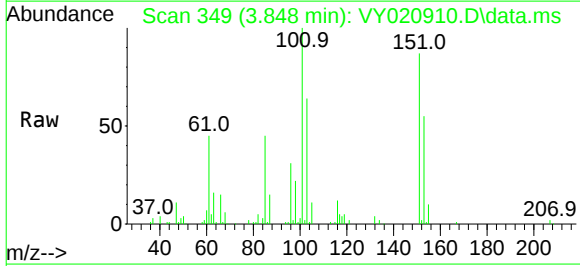
#9
1,1,2-Trichlorotrifluoroethane
Concen: 23.830 ug/l
RT: 3.848 min Scan# 34
Delta R.T. 0.000 min
Lab File: VY020910.D
Acq: 23 Jan 2025 12:17

Instrument :
MSVOA_Y
ClientSampleId :
VY0123SBSD02

Tgt Ion:101 Resp: 48587
Ion Ratio Lower Upper
101 100
85 44.4 35.9 53.9
151 84.1 66.9 100.3

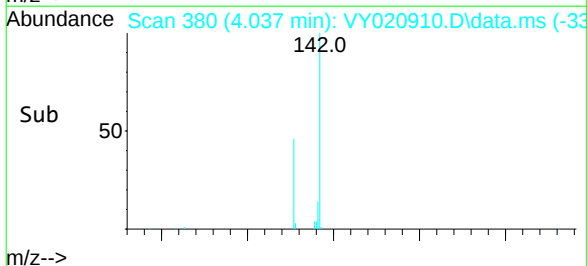
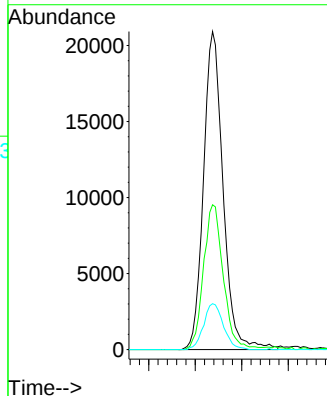
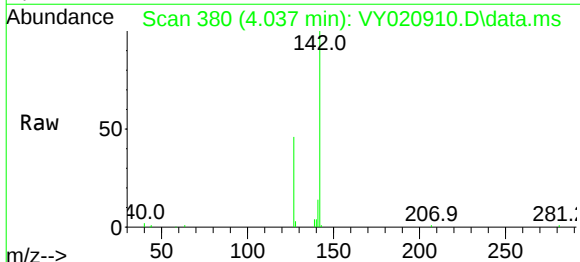
Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 01/24/2025
Supervised By :Mahesh Dadoda 01/24/2025



#10
Methyl Iodide
Concen: 27.971 ug/l
RT: 4.037 min Scan# 380
Delta R.T. -0.006 min
Lab File: VY020910.D
Acq: 23 Jan 2025 12:17

Tgt Ion:142 Resp: 61117
Ion Ratio Lower Upper
142 100
127 46.0 41.0 61.6
141 14.6 11.6 17.4





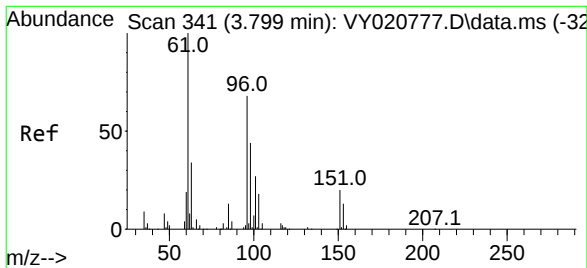
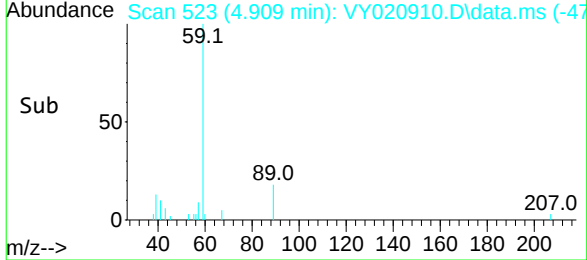
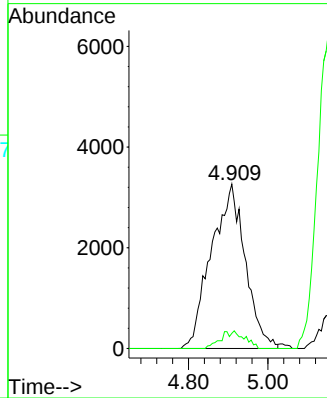
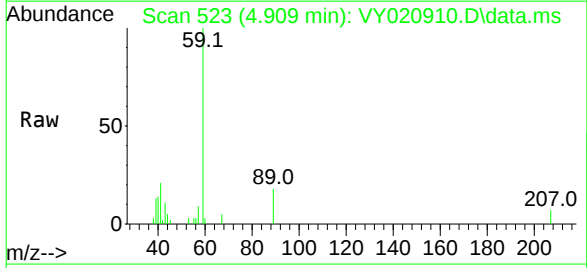
#11
Tert butyl alcohol
Concen: 131.362 ug/l
RT: 4.909 min Scan# 52
Delta R.T. -0.018 min
Lab File: VY020910.D
Acq: 23 Jan 2025 12:17

Instrument :
MSVOA_Y
ClientSampleId :
VY0123SBS02

Tgt Ion: 59 Resp: 19321
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8

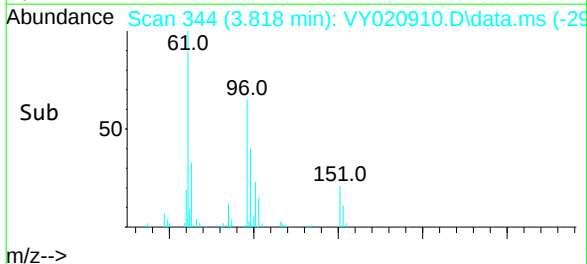
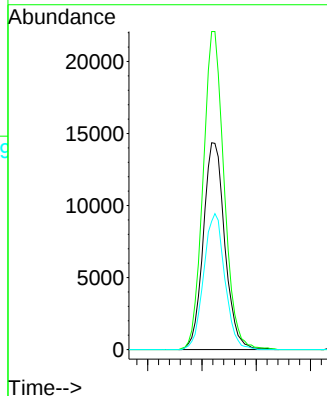
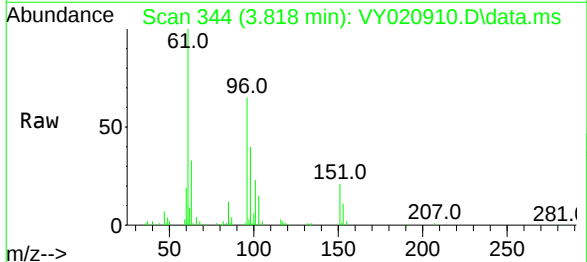
Manual Integrations
APPROVED

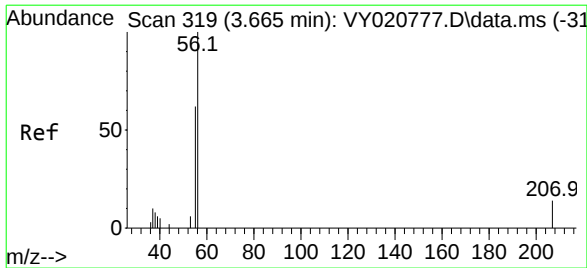
Reviewed By :Semsettin Yesilyurt 01/24/2025
Supervised By :Mahesh Dadoda 01/24/2025



#12
1,1-Dichloroethene
Concen: 22.186 ug/l
RT: 3.818 min Scan# 344
Delta R.T. -0.012 min
Lab File: VY020910.D
Acq: 23 Jan 2025 12:17

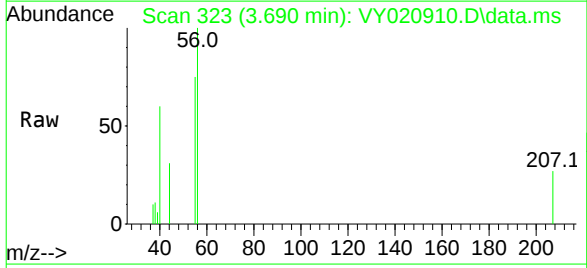
Tgt Ion: 96 Resp: 39622
Ion Ratio Lower Upper
96 100
61 153.8 117.8 176.8
98 62.0 51.9 77.9





#13
Acrolein
Concen: 60.211 ug/l
RT: 3.690 min Scan# 32
Delta R.T. 0.000 min
Lab File: VY020910.D
Acq: 23 Jan 2025 12:17

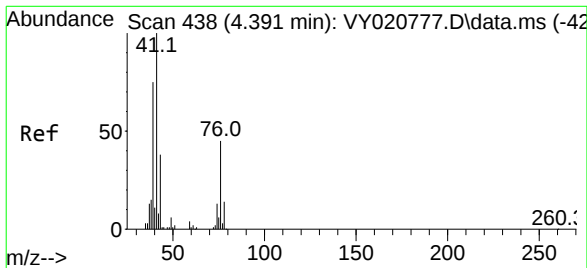
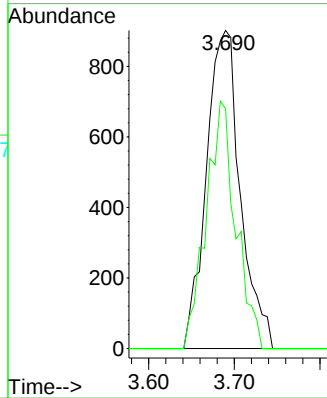
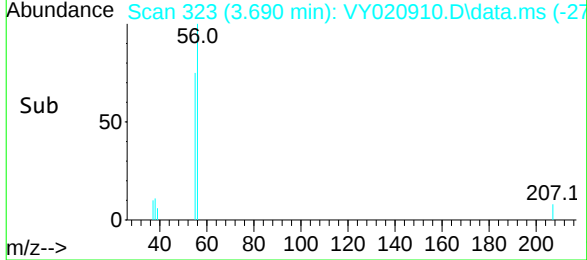
Instrument :
MSVOA_Y
ClientSampleId :
VY0123SBSD02



Tgt Ion: 56 Resp: 2487
Ion Ratio Lower Upper
56 100
55 67.8 58.1 87.1

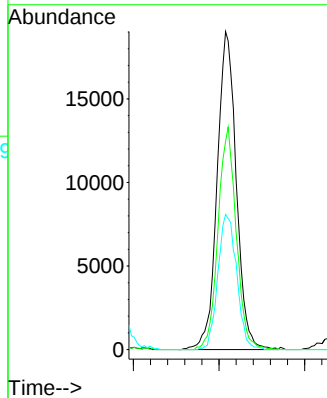
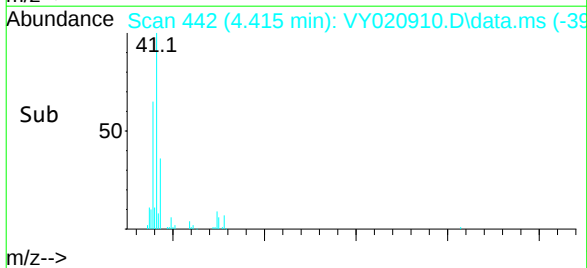
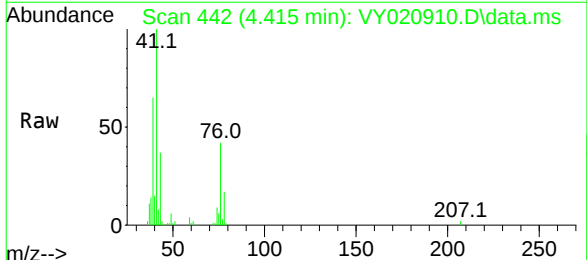
Manual Integrations
APPROVED

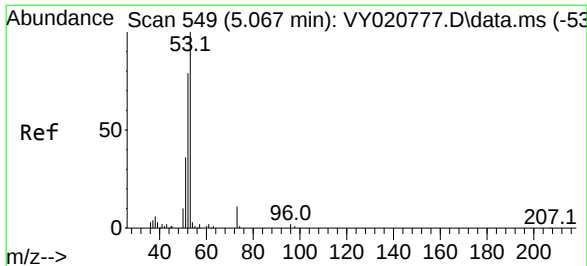
Reviewed By :Semsettin Yesilyurt 01/24/2025
Supervised By :Mahesh Dadoda 01/24/2025



#14
Allyl chloride
Concen: 22.957 ug/l
RT: 4.415 min Scan# 442
Delta R.T. -0.012 min
Lab File: VY020910.D
Acq: 23 Jan 2025 12:17

Tgt Ion: 41 Resp: 59148
Ion Ratio Lower Upper
41 100
39 66.3 57.5 86.3
76 41.6 35.6 53.4





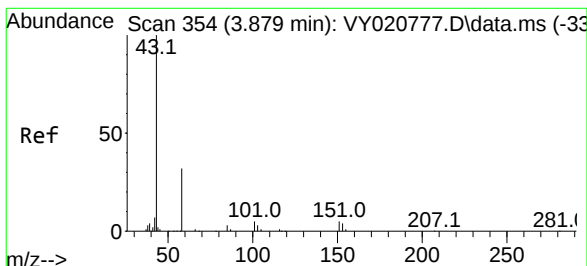
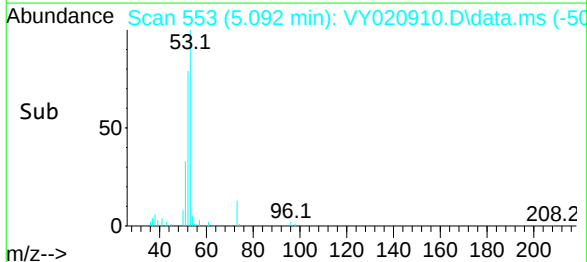
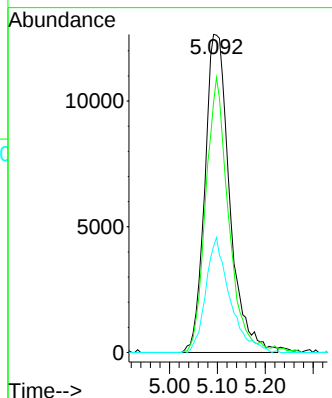
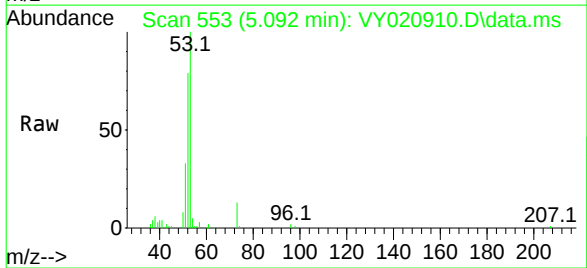
#15
Acrylonitrile
Concen: 113.560 ug/l
RT: 5.092 min Scan# 551
Delta R.T. -0.012 min
Lab File: VY020910.D
Acq: 23 Jan 2025 12:17

Instrument :
MSVOA_Y
ClientSampleId :
VY0123SBSD02

Tgt Ion: 53 Resp: 45569
Ion Ratio Lower Upper
53 100
52 79.3 64.3 96.5
51 35.1 29.3 43.9

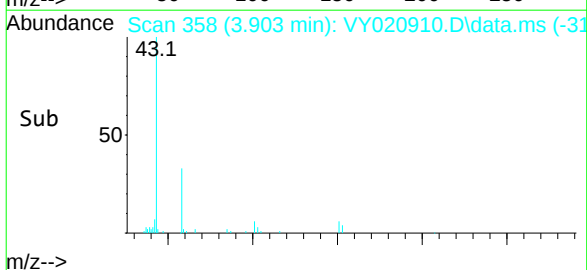
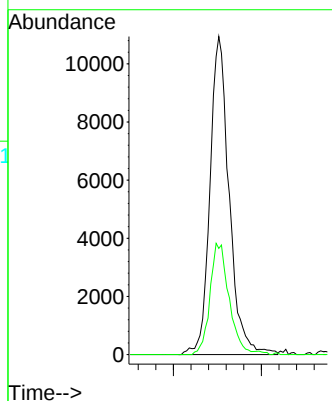
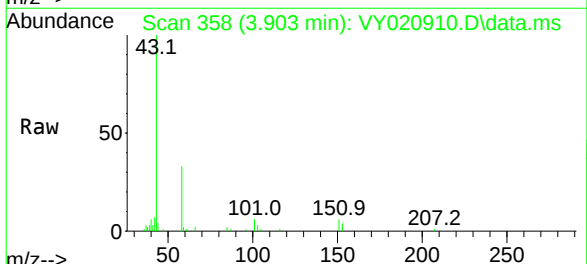
Manual Integrations
APPROVED

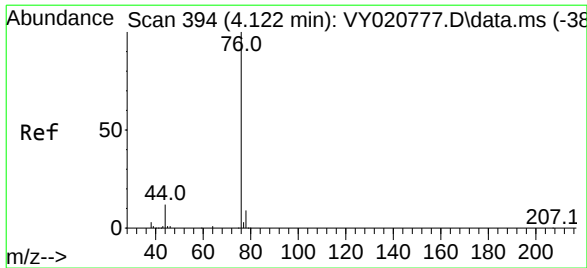
Reviewed By :Semsettin Yesilyurt 01/24/2025
Supervised By :Mahesh Dadoda 01/24/2025



#16
Acetone
Concen: 119.944 ug/l
RT: 3.903 min Scan# 358
Delta R.T. -0.012 min
Lab File: VY020910.D
Acq: 23 Jan 2025 12:17

Tgt Ion: 43 Resp: 33200
Ion Ratio Lower Upper
43 100
58 33.4 26.7 40.1





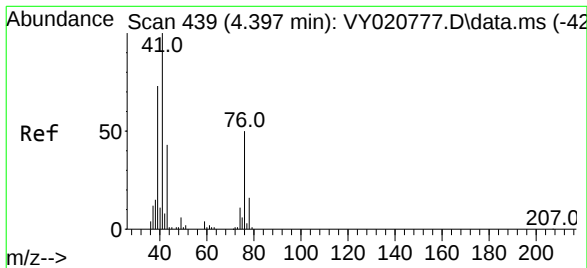
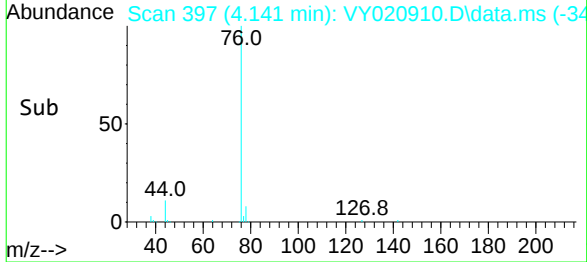
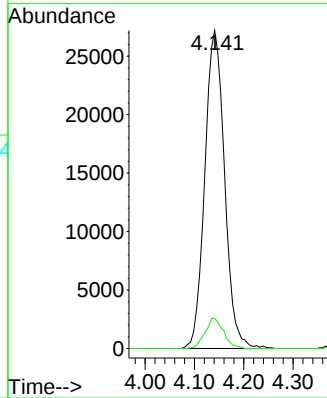
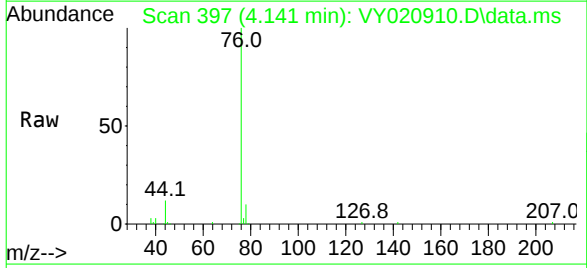
#17
Carbon Disulfide
Concen: 19.558 ug/l
RT: 4.141 min Scan# 397
Delta R.T. -0.006 min
Lab File: VY020910.D
Acq: 23 Jan 2025 12:17

Instrument :
MSVOA_Y
ClientSampleId :
VY0123SBSD02

Tgt Ion: 76 Resp: 75773
Ion Ratio Lower Upper
76 100
78 9.5 7.4 11.2

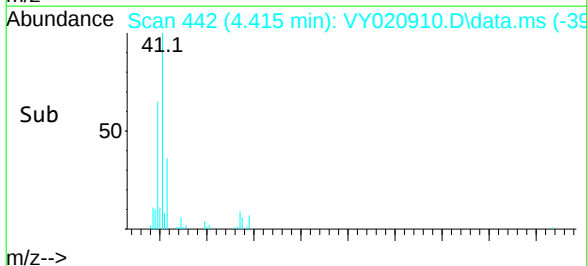
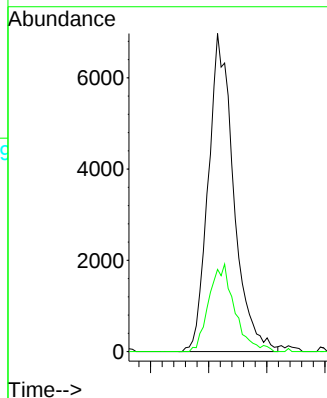
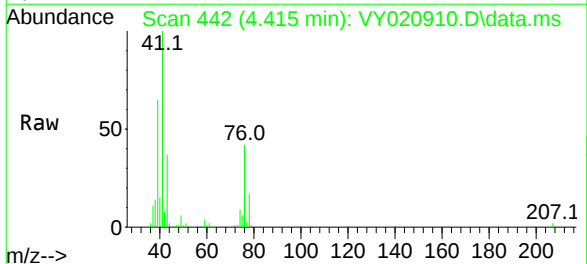
Manual Integrations
APPROVED

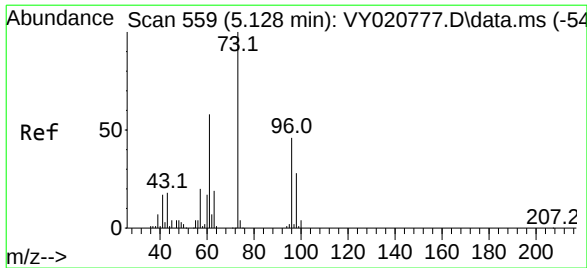
Reviewed By :Semsettin Yesilyurt 01/24/2025
Supervised By :Mahesh Dadoda 01/24/2025



#18
Methyl Acetate
Concen: 22.664 ug/l
RT: 4.415 min Scan# 442
Delta R.T. -0.012 min
Lab File: VY020910.D
Acq: 23 Jan 2025 12:17

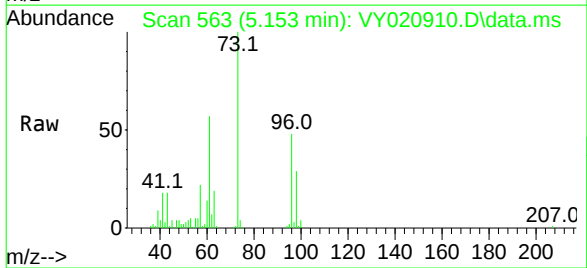
Tgt Ion: 43 Resp: 21182
Ion Ratio Lower Upper
43 100
74 27.8 23.0 34.6





#19
Methyl tert-butyl Ether
Concen: 21.619 ug/l
RT: 5.153 min Scan# 56
Delta R.T. -0.006 min
Lab File: VY020910.D
Acq: 23 Jan 2025 12:17

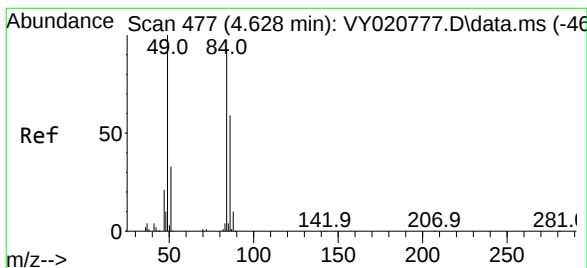
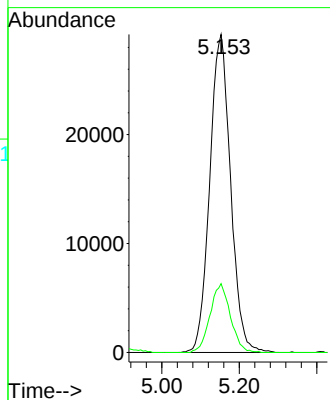
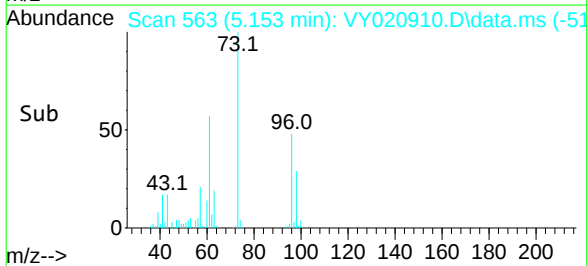
Instrument :
MSVOA_Y
ClientSampleId :
VY0123SBSD02



Tgt Ion: 73 Resp: 108960
Ion Ratio Lower Upper
73 100
57 21.6 16.4 24.6

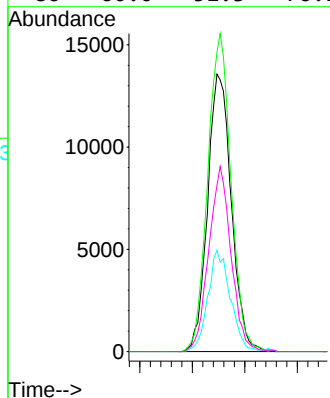
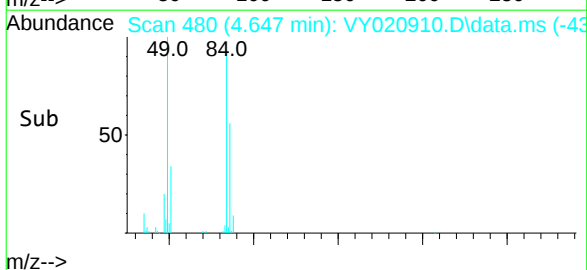
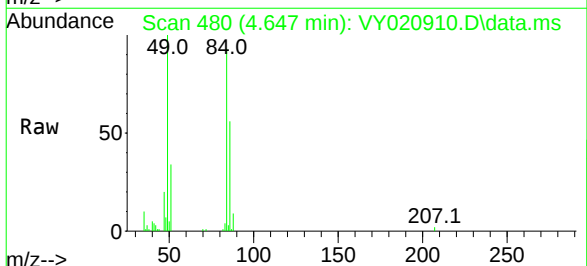
Manual Integrations
APPROVED

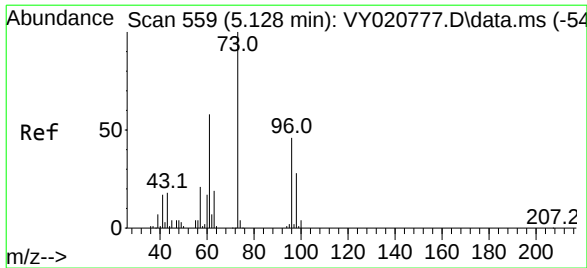
Reviewed By :Semsettin Yesilyurt 01/24/2025
Supervised By :Mahesh Dadoda 01/24/2025



#20
Methylene Chloride
Concen: 22.316 ug/l
RT: 4.647 min Scan# 480
Delta R.T. -0.012 min
Lab File: VY020910.D
Acq: 23 Jan 2025 12:17

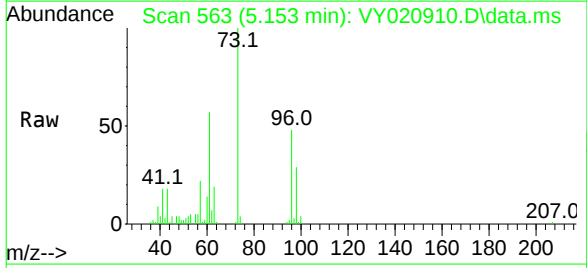
Tgt Ion: 84 Resp: 42658
Ion Ratio Lower Upper
84 100
49 107.9 86.7 130.1
51 36.5 28.4 42.6
86 60.0 51.3 76.9





#21
trans-1,2-Dichloroethene
Concen: 21.748 ug/l
RT: 5.153 min Scan# 56
Delta R.T. -0.006 min
Lab File: VY020910.D
Acq: 23 Jan 2025 12:17

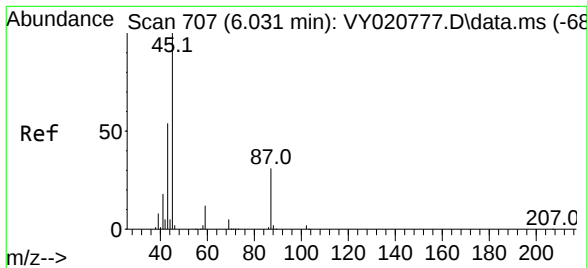
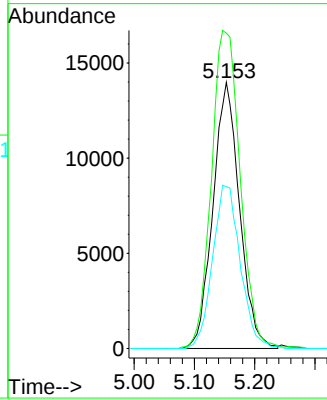
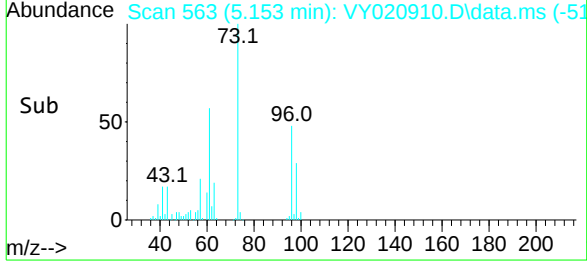
Instrument :
MSVOA_Y
ClientSampleId :
VY0123SBSD02



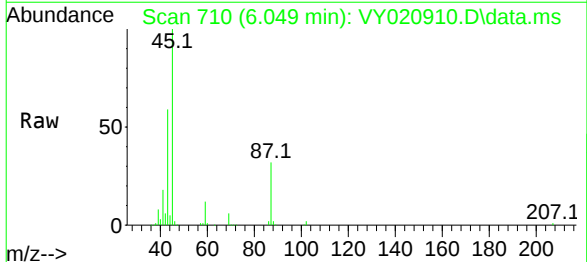
Tgt Ion: 96 Resp: 42771
Ion Ratio Lower Upper
96 100
61 118.4 101.6 152.4
98 60.8 49.4 74.2

Manual Integrations
APPROVED

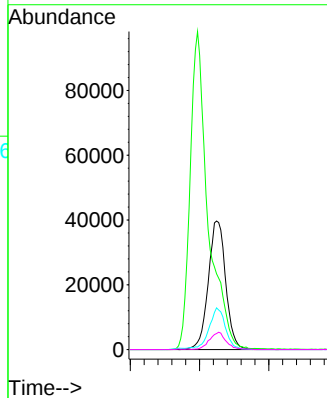
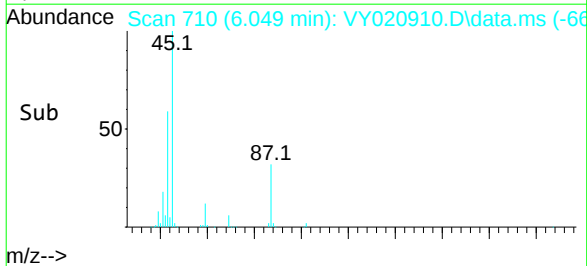
Reviewed By :Semsettin Yesilyurt 01/24/2025
Supervised By :Mahesh Dadoda 01/24/2025

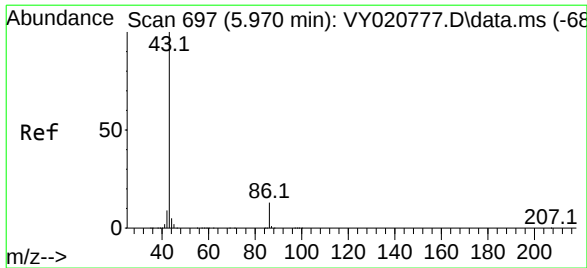


#22
Diisopropyl ether
Concen: 25.345 ug/l
RT: 6.049 min Scan# 710
Delta R.T. -0.006 min
Lab File: VY020910.D
Acq: 23 Jan 2025 12:17



Tgt Ion: 45 Resp: 139103
Ion Ratio Lower Upper
45 100
43 58.4 43.9 65.9
87 32.5 25.3 37.9
59 12.5 10.0 15.0





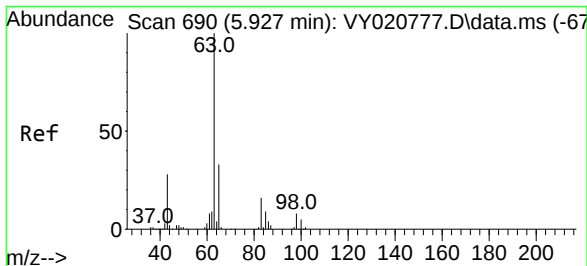
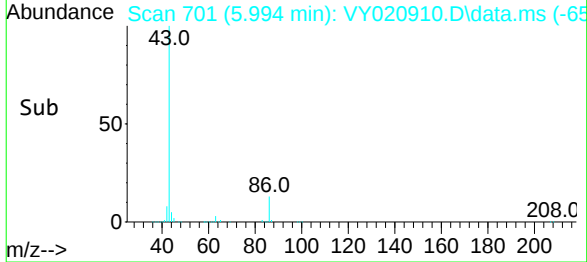
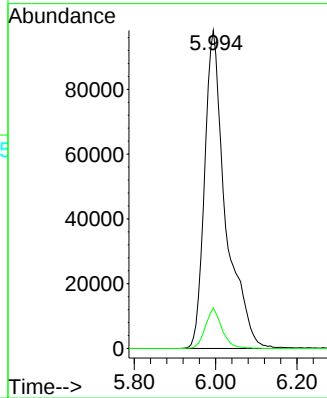
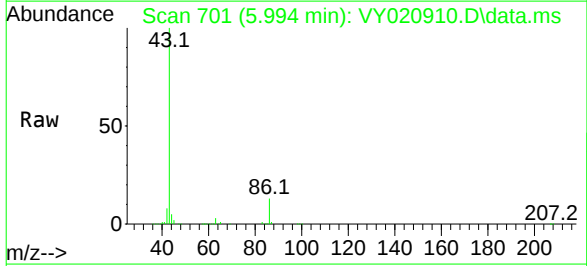
#23
 Vinyl Acetate
 Concen: 116.318 ug/l
 RT: 5.994 min Scan# 701
 Delta R.T. -0.006 min
 Lab File: VY020910.D
 Acq: 23 Jan 2025 12:17

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0123SBS02

Tgt Ion: 43 Resp: 352001
 Ion Ratio Lower Upper
 43 100
 86 12.7 10.5 15.7

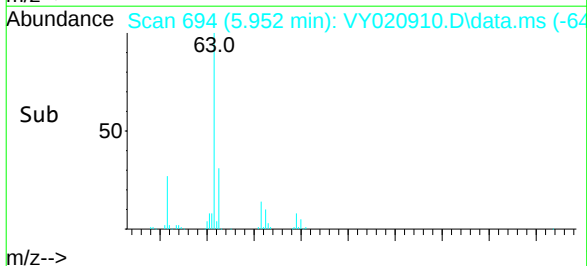
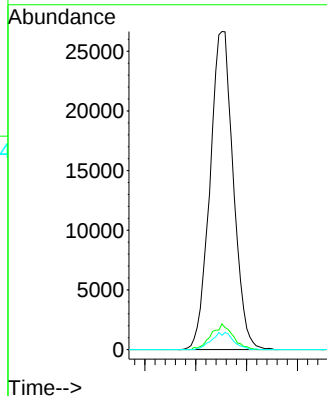
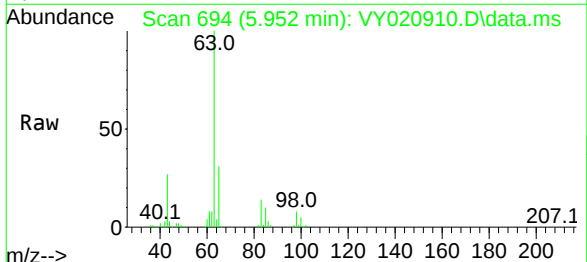
Manual Integrations
 APPROVED

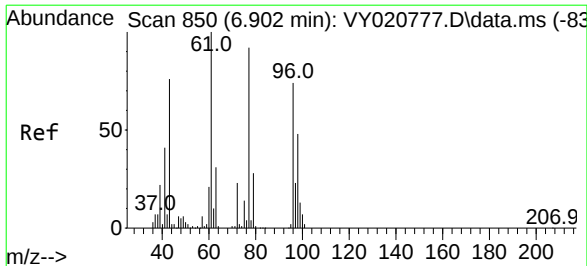
Reviewed By :Semsettin Yesilyurt 01/24/2025
 Supervised By :Mahesh Dadoda 01/24/2025



#24
 1,1-Dichloroethane
 Concen: 23.464 ug/l
 RT: 5.952 min Scan# 694
 Delta R.T. -0.006 min
 Lab File: VY020910.D
 Acq: 23 Jan 2025 12:17

Tgt Ion: 63 Resp: 84965
 Ion Ratio Lower Upper
 63 100
 98 8.1 3.9 11.7
 100 4.5 2.4 7.2





#25

2-Butanone

Concen: 118.142 ug/l

RT: 6.927 min Scan# 851

Delta R.T. -0.006 min

Lab File: VY020910.D

Acq: 23 Jan 2025 12:17

Instrument :

MSVOA_Y

ClientSampleId :

VY0123SBSD02

Tgt Ion: 43 Resp: 53717

Ion Ratio Lower Upper

43 100

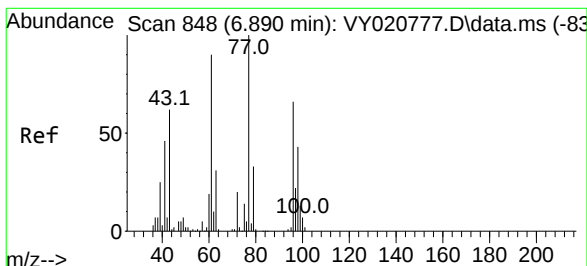
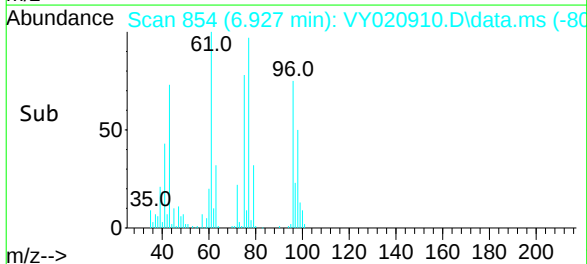
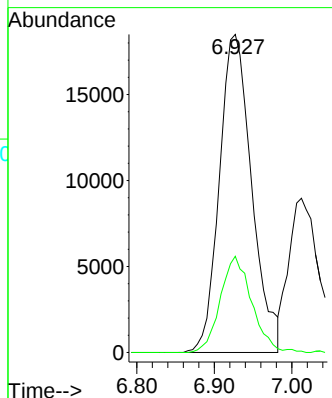
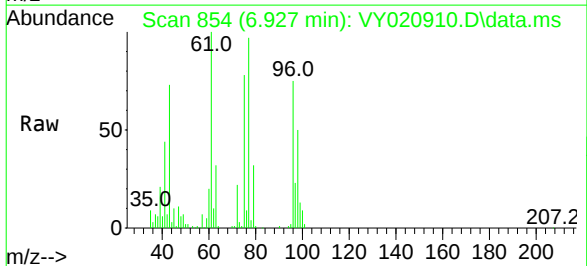
72 30.2 24.0 36.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/24/2025

Supervised By :Mahesh Dadoda 01/24/2025



#26

2,2-Dichloropropane

Concen: 22.660 ug/l

RT: 6.915 min Scan# 852

Delta R.T. -0.012 min

Lab File: VY020910.D

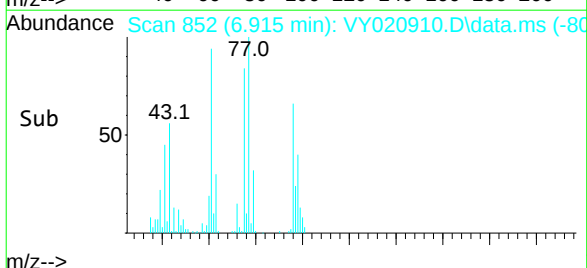
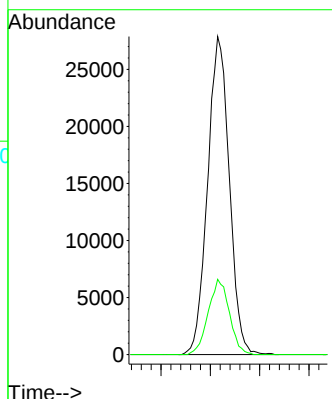
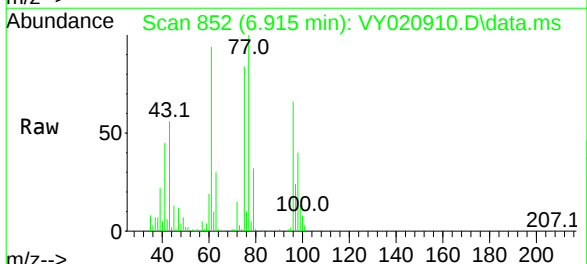
Acq: 23 Jan 2025 12:17

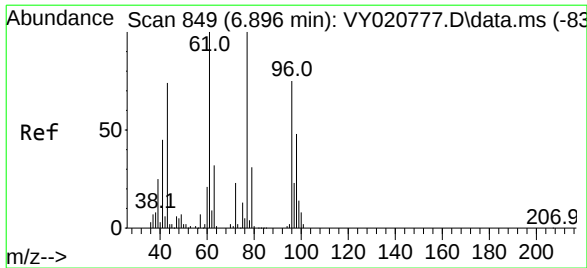
Tgt Ion: 77 Resp: 85195

Ion Ratio Lower Upper

77 100

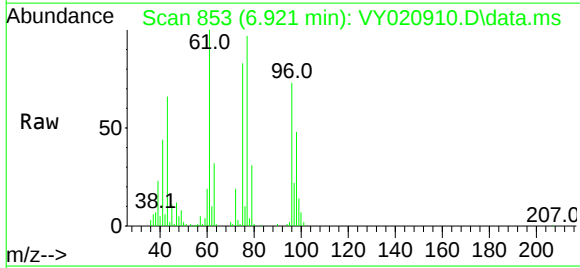
97 23.0 11.3 33.8





#27
 cis-1,2-Dichloroethene
 Concen: 22.349 ug/l
 RT: 6.921 min Scan# 851
 Delta R.T. -0.006 min
 Lab File: VY020910.D
 Acq: 23 Jan 2025 12:17

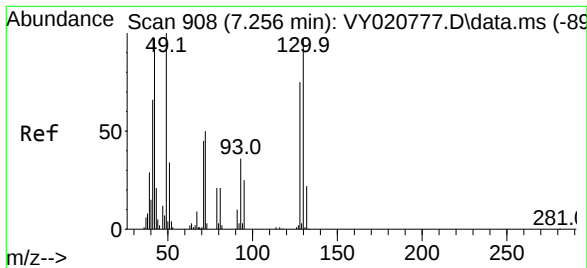
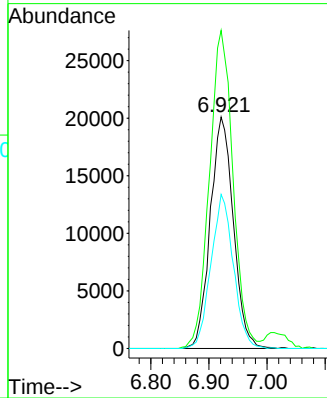
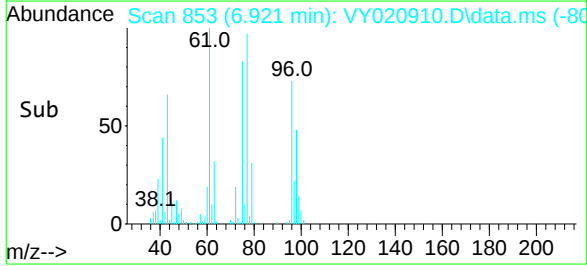
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0123SBSD02



Tgt Ion: 96 Resp: 55455
 Ion Ratio Lower Upper
 96 100
 61 140.3 0.0 271.4
 98 64.8 0.0 129.0

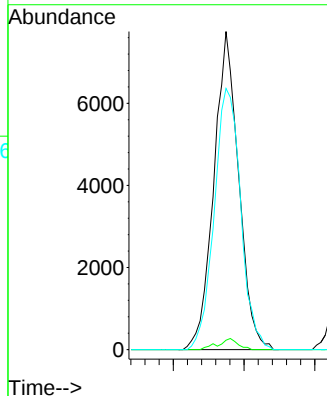
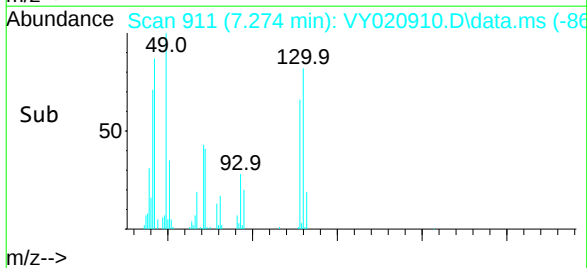
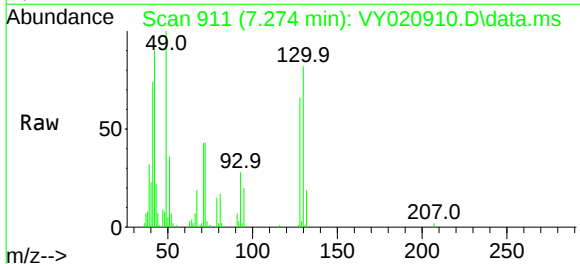
Manual Integrations
 APPROVED

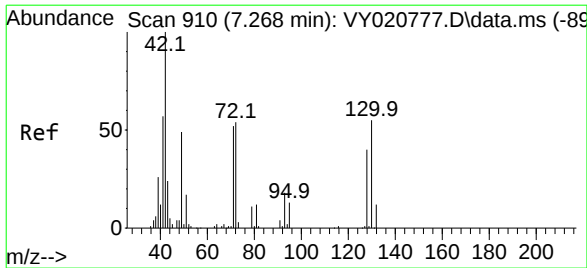
Reviewed By :Semsettin Yesilyurt 01/24/2025
 Supervised By :Mahesh Dadoda 01/24/2025



#28
 Bromochloromethane
 Concen: 19.315 ug/l
 RT: 7.274 min Scan# 911
 Delta R.T. -0.006 min
 Lab File: VY020910.D
 Acq: 23 Jan 2025 12:17

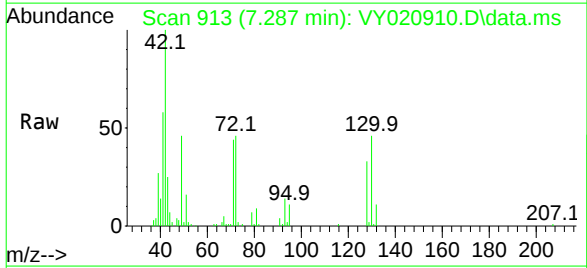
Tgt Ion: 49 Resp: 18873
 Ion Ratio Lower Upper
 49 100
 129 2.7 0.0 5.2
 130 87.6 77.8 116.6





#29
Tetrahydrofuran
Concen: 114.587 ug/l
RT: 7.287 min Scan# 910
Delta R.T. -0.012 min
Lab File: VY020910.D
Acq: 23 Jan 2025 12:17

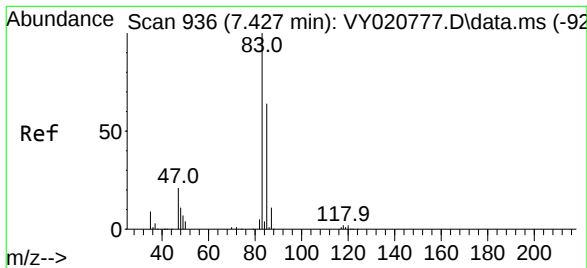
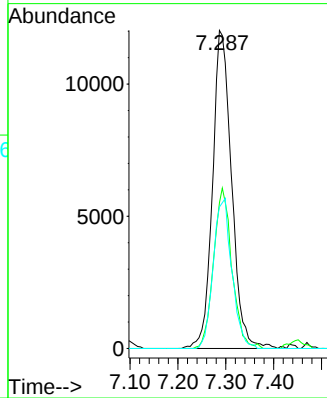
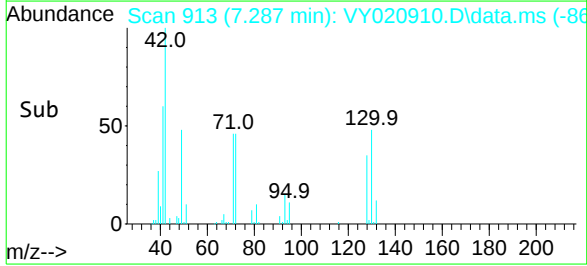
Instrument :
MSVOA_Y
ClientSampleId :
VY0123SBSD02



Tgt Ion: 42 Resp: 33282
Ion Ratio Lower Upper
42 100
72 48.5 41.8 62.6
71 46.0 39.8 59.8

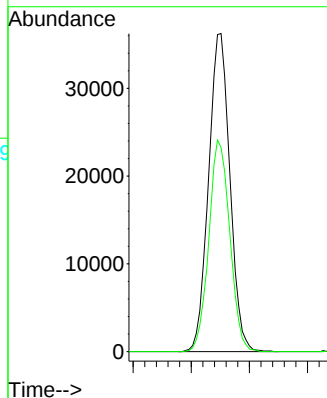
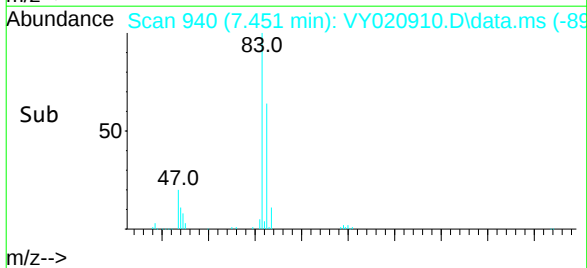
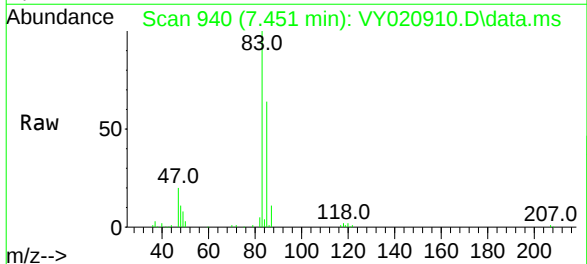
Manual Integrations
APPROVED

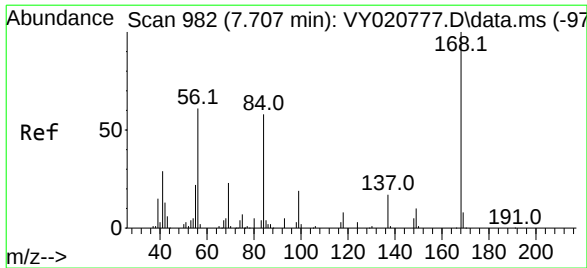
Reviewed By :Semsettin Yesilyurt 01/24/2025
Supervised By :Mahesh Dadoda 01/24/2025



#30
Chloroform
Concen: 22.371 ug/l
RT: 7.451 min Scan# 940
Delta R.T. -0.006 min
Lab File: VY020910.D
Acq: 23 Jan 2025 12:17

Tgt Ion: 83 Resp: 92381
Ion Ratio Lower Upper
83 100
85 64.2 51.1 76.7





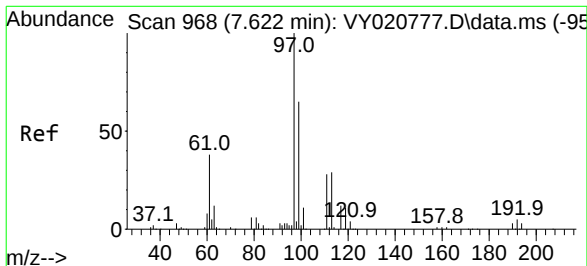
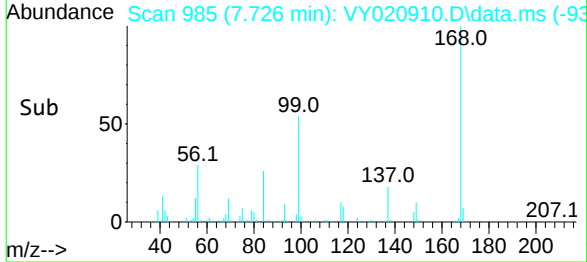
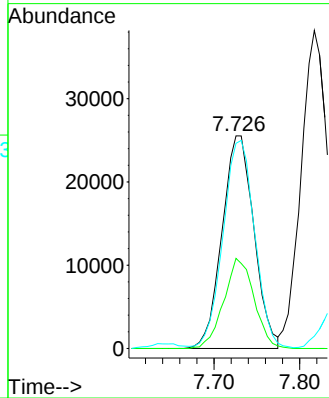
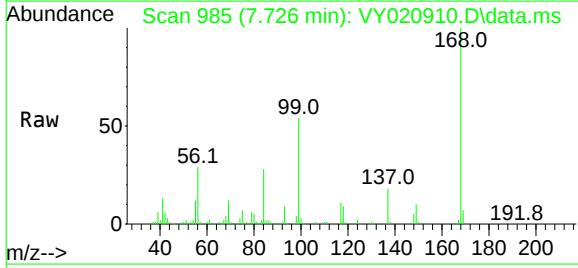
#31
Cyclohexane
Concen: 23.303 ug/l
RT: 7.726 min Scan# 98
Delta R.T. -0.012 min
Lab File: VY020910.D
Acq: 23 Jan 2025 12:17

Instrument :
MSVOA_Y
ClientSampleId :
VY0123SBS02

Tgt Ion: 56 Resp: 66002
Ion Ratio Lower Upper
56 100
69 42.4 30.5 45.7
84 95.2 76.6 115.0

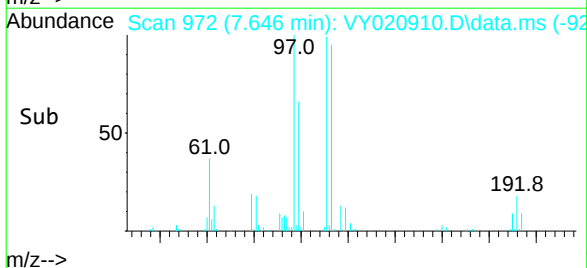
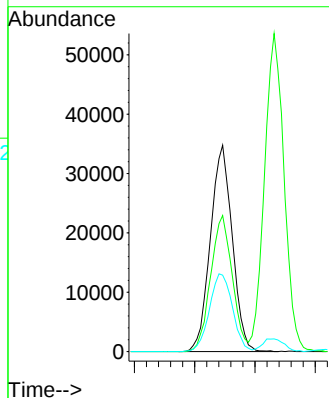
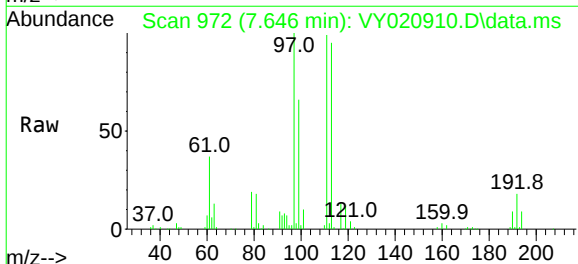
Manual Integrations
APPROVED

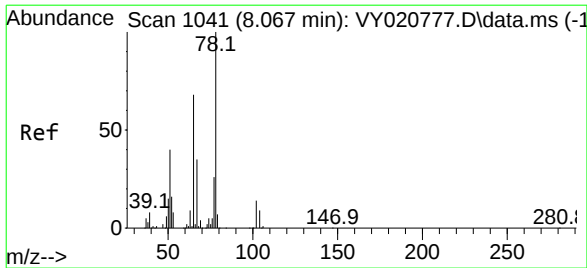
Reviewed By :Semsettin Yesilyurt 01/24/2025
Supervised By :Mahesh Dadoda 01/24/2025



#32
1,1,1-Trichloroethane
Concen: 21.745 ug/l
RT: 7.646 min Scan# 972
Delta R.T. -0.006 min
Lab File: VY020910.D
Acq: 23 Jan 2025 12:17

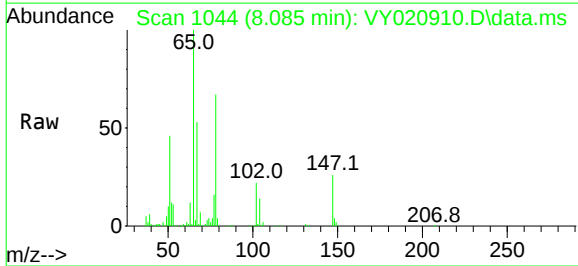
Tgt Ion: 97 Resp: 87588
Ion Ratio Lower Upper
97 100
99 65.6 51.4 77.2
61 39.7 30.5 45.7





#33
1,2-Dichloroethane-d4
Concen: 57.607 ug/l
RT: 8.085 min Scan# 1041
Delta R.T. -0.006 min
Lab File: VY020910.D
Acq: 23 Jan 2025 12:17

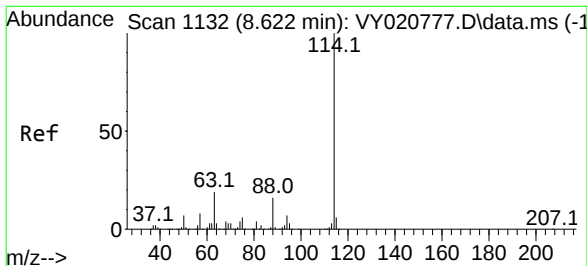
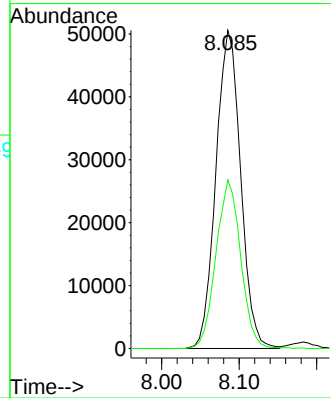
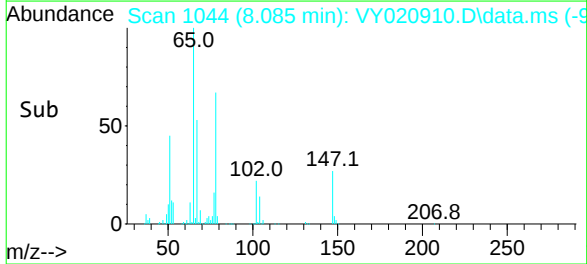
Instrument :
MSVOA_Y
ClientSampleId :
VY0123SBSD02



Tgt Ion: 65 Resp: 112132
Ion Ratio Lower Upper
65 100
67 53.0 0.0 102.8

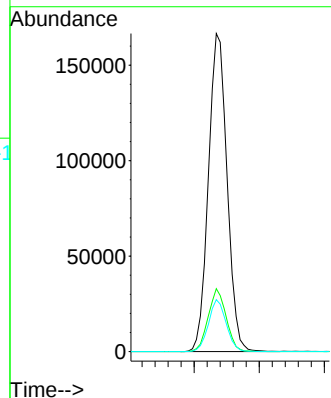
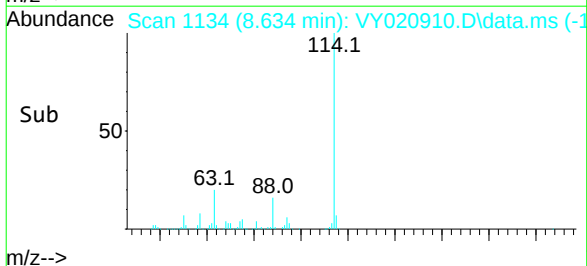
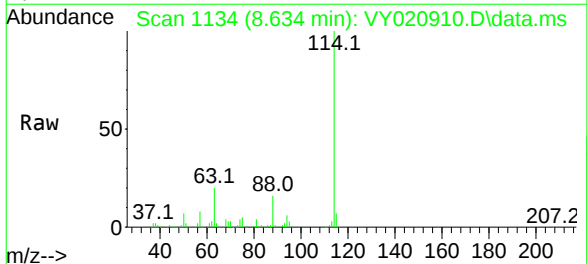
Manual Integrations
APPROVED

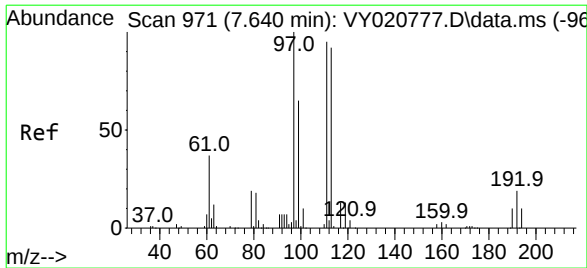
Reviewed By :Semsettin Yesilyurt 01/24/2025
Supervised By :Mahesh Dadoda 01/24/2025



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.634 min Scan# 1134
Delta R.T. -0.006 min
Lab File: VY020910.D
Acq: 23 Jan 2025 12:17

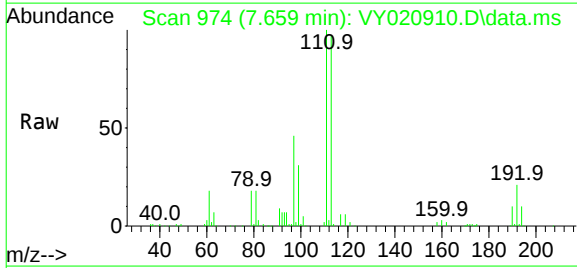
Tgt Ion:114 Resp: 331693
Ion Ratio Lower Upper
114 100
63 19.8 0.0 38.4
88 16.3 0.0 31.2





#35
Dibromofluoromethane
Concen: 58.459 ug/l
RT: 7.659 min Scan# 971
Delta R.T. -0.006 min
Lab File: VY020910.D
Acq: 23 Jan 2025 12:17

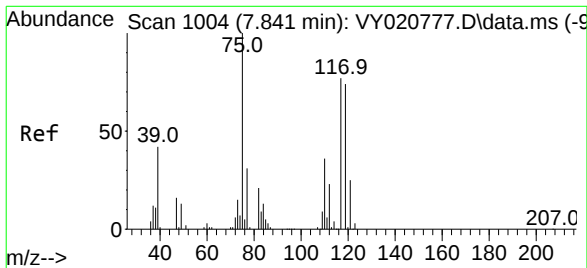
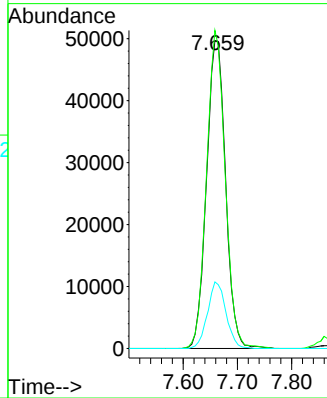
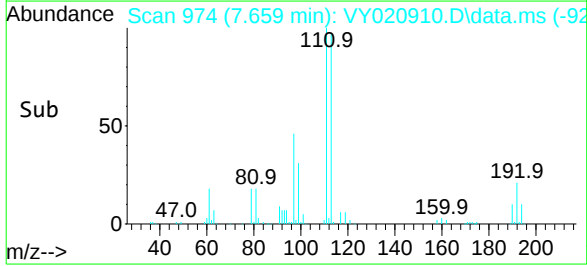
Instrument :
MSVOA_Y
ClientSampleId :
VY0123SBS02



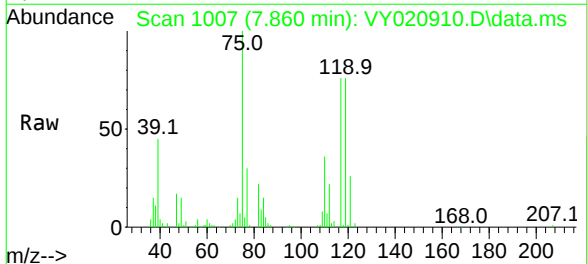
Tgt Ion: 113 Resp: 121480
Ion Ratio Lower Upper
113 100
111 101.1 81.7 122.5
192 20.9 16.7 25.1

Manual Integrations
APPROVED

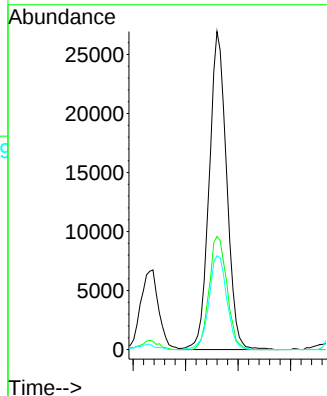
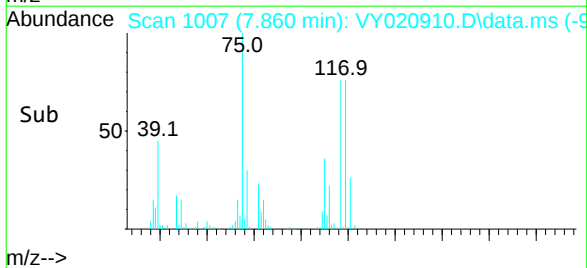
Reviewed By : Semsettin Yesilyurt 01/24/2025
Supervised By : Mahesh Dadoda 01/24/2025

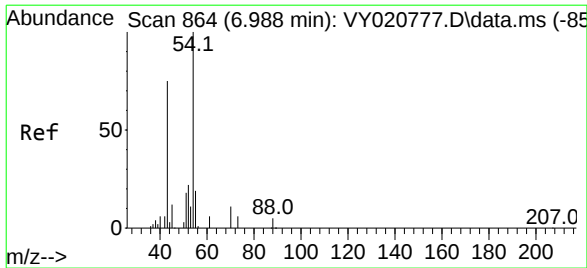


#36
1,1-Dichloropropene
Concen: 23.472 ug/l
RT: 7.860 min Scan# 1007
Delta R.T. -0.006 min
Lab File: VY020910.D
Acq: 23 Jan 2025 12:17



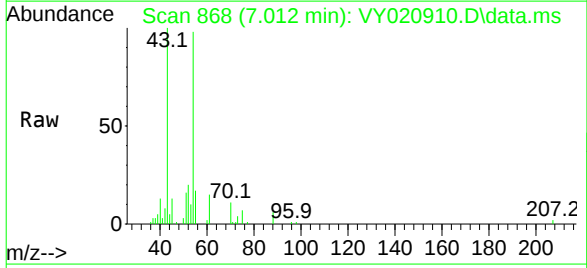
Tgt Ion: 75 Resp: 62214
Ion Ratio Lower Upper
75 100
110 36.2 18.5 55.5
77 30.4 25.0 37.4





#37
Ethyl Acetate
Concen: 23.071 ug/l
RT: 7.012 min Scan# 864
Delta R.T. -0.006 min
Lab File: VY020910.D
Acq: 23 Jan 2025 12:17

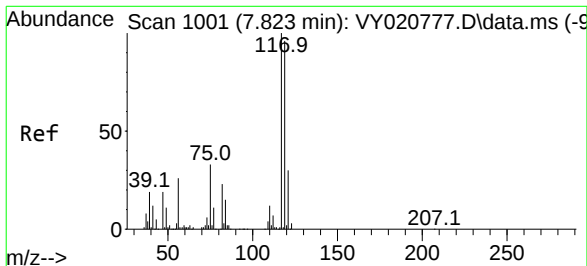
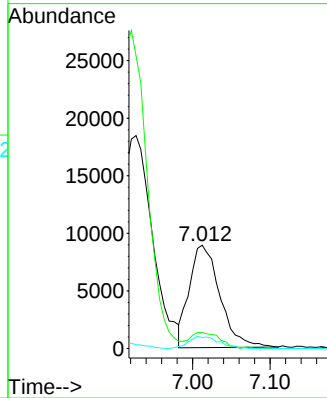
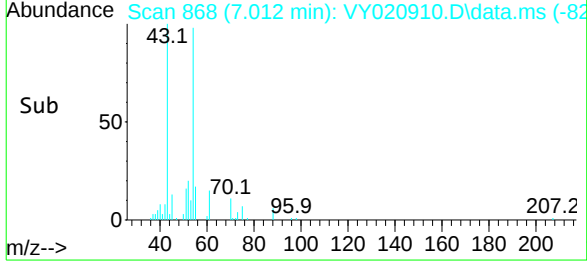
Instrument :
MSVOA_Y
ClientSampleId :
VY0123SBSD02



Tgt Ion: 43 Resp: 24335
Ion Ratio Lower Upper
43 100
61 15.3 11.8 17.6
70 11.6 9.8 14.8

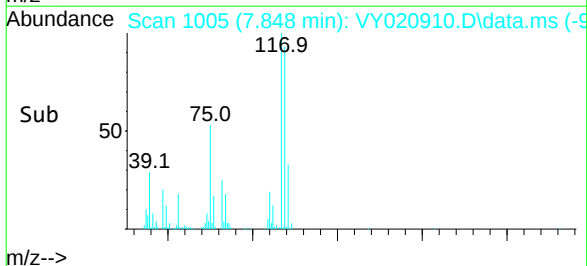
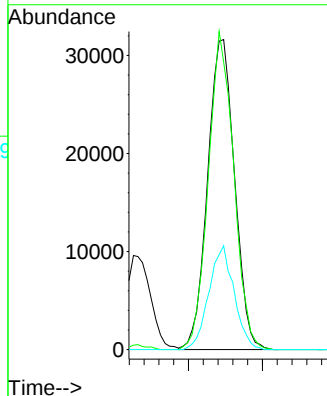
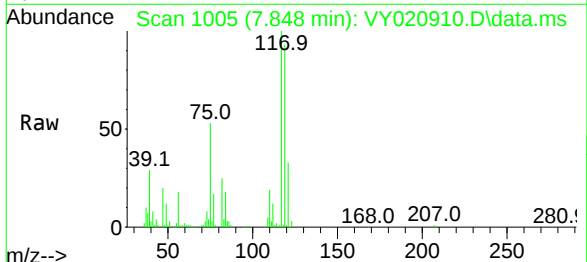
Manual Integrations
APPROVED

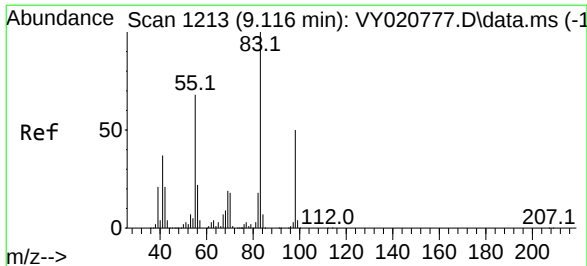
Reviewed By :Semsettin Yesilyurt 01/24/2025
Supervised By :Mahesh Dadoda 01/24/2025



#38
Carbon Tetrachloride
Concen: 21.724 ug/l
RT: 7.848 min Scan# 1005
Delta R.T. 0.000 min
Lab File: VY020910.D
Acq: 23 Jan 2025 12:17

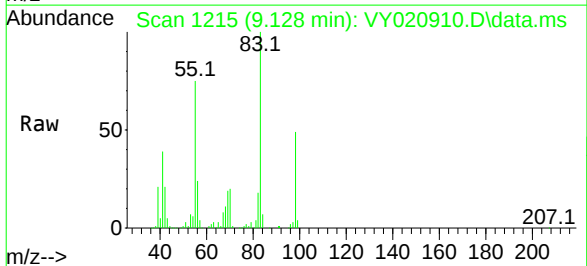
Tgt Ion:117 Resp: 80153
Ion Ratio Lower Upper
117 100
119 92.7 76.5 114.7
121 33.5 24.3 36.5





#39
Methylcyclohexane
Concen: 22.614 ug/l
RT: 9.128 min Scan# 1213
Delta R.T. -0.006 min
Lab File: VY020910.D
Acq: 23 Jan 2025 12:17

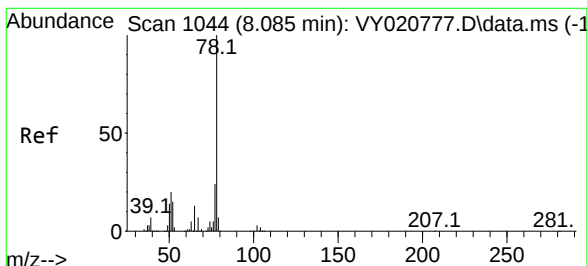
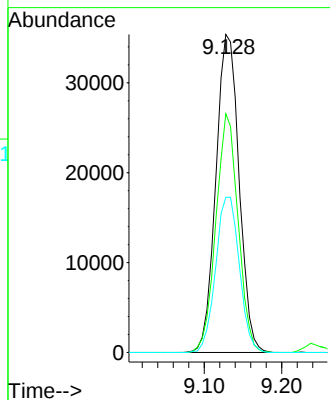
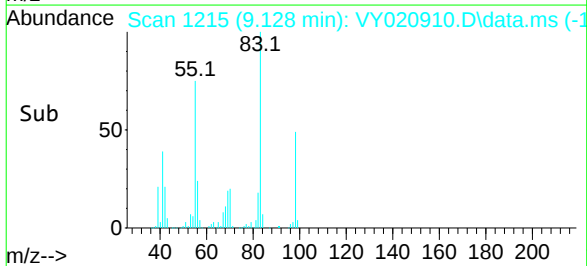
Instrument :
MSVOA_Y
ClientSampleId :
VY0123SBSD02



Tgt Ion: 83 Resp: 73551
Ion Ratio Lower Upper
83 100
55 75.1 54.8 82.2
98 48.8 40.0 60.0

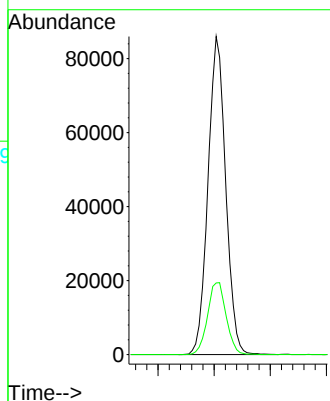
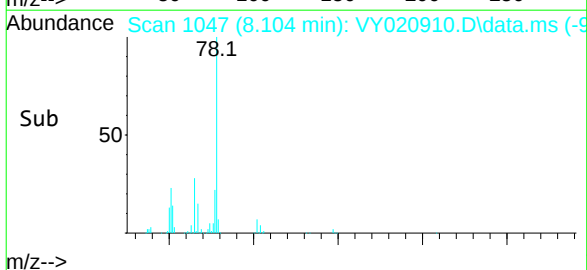
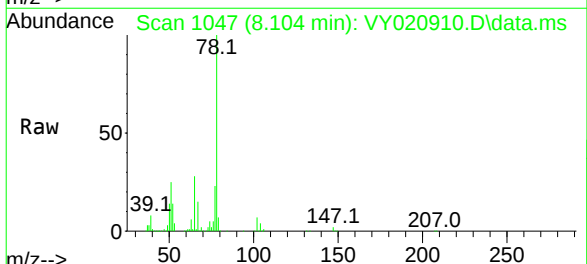
Manual Integrations
APPROVED

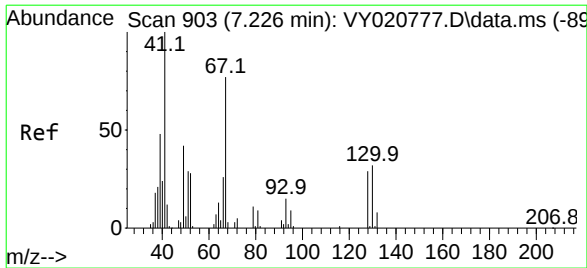
Reviewed By :Semsettin Yesilyurt 01/24/2025
Supervised By :Mahesh Dadoda 01/24/2025



#40
Benzene
Concen: 23.114 ug/l
RT: 8.104 min Scan# 1047
Delta R.T. -0.006 min
Lab File: VY020910.D
Acq: 23 Jan 2025 12:17

Tgt Ion: 78 Resp: 188025
Ion Ratio Lower Upper
78 100
77 22.5 19.4 29.2





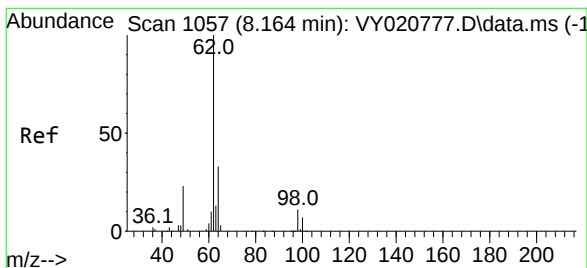
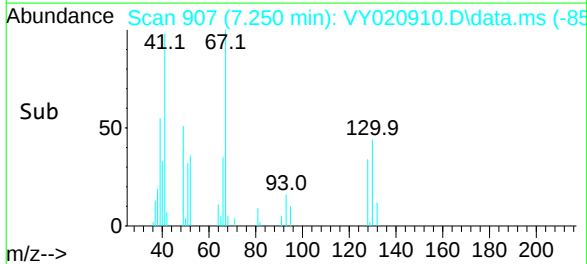
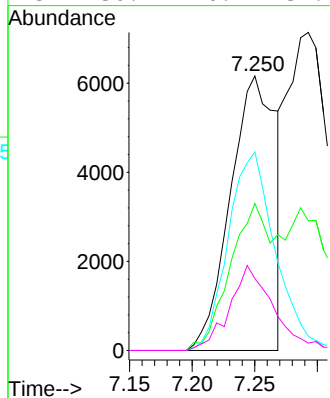
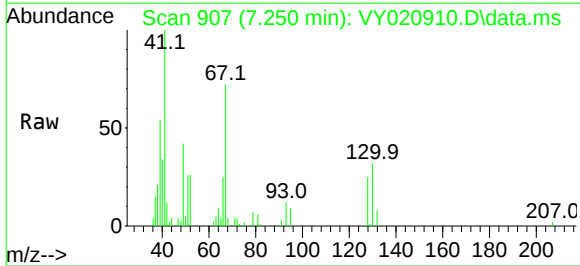
#41
Methacrylonitrile
Concen: 25.590 ug/l
RT: 7.250 min Scan# 90
Delta R.T. -0.006 min
Lab File: VY020910.D
Acq: 23 Jan 2025 12:17

Instrument :
MSVOA_Y
ClientSampleId :
VY0123SBSD02

Tgt Ion	Ratio	Lower	Upper
41	100		
39	57.5	42.4	63.6
67	75.5	67.8	101.8
52	30.1	26.2	39.4

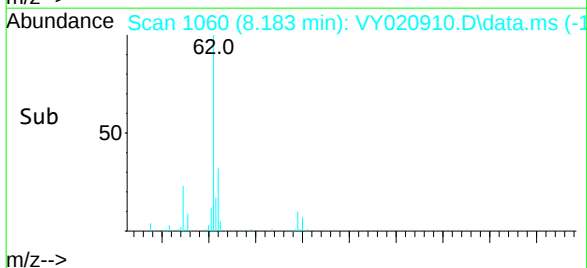
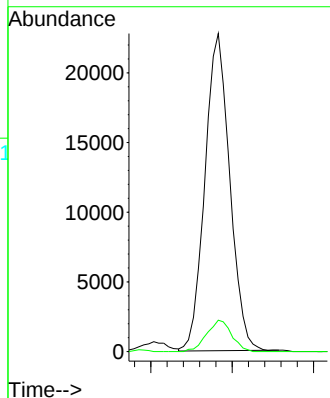
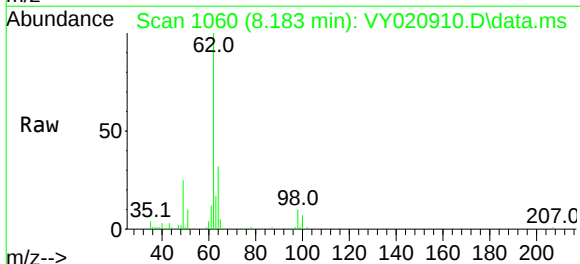
Manual Integrations
APPROVED

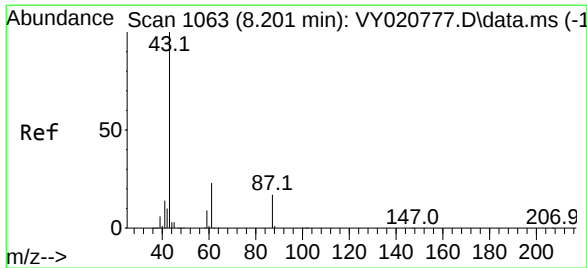
Reviewed By :Semsettin Yesilyurt 01/24/2025
Supervised By :Mahesh Dadoda 01/24/2025



#42
1,2-Dichloroethane
Concen: 21.724 ug/l
RT: 8.183 min Scan# 1060
Delta R.T. -0.006 min
Lab File: VY020910.D
Acq: 23 Jan 2025 12:17

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	19.6





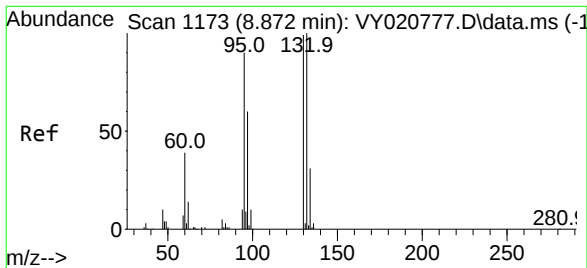
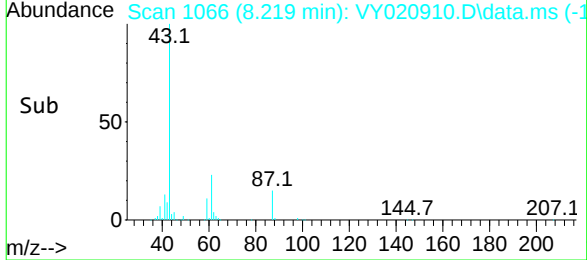
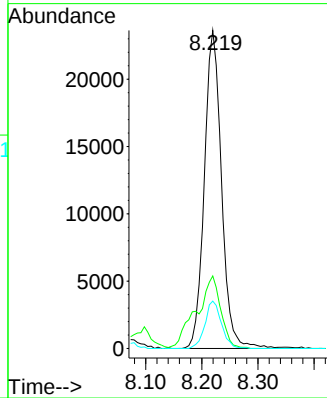
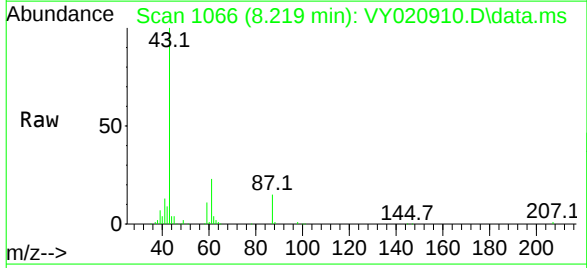
#43
Isopropyl Acetate
Concen: 23.402 ug/l
RT: 8.219 min Scan# 1063
Delta R.T. -0.006 min
Lab File: VY020910.D
Acq: 23 Jan 2025 12:17

Instrument :
MSVOA_Y
ClientSampleId :
VY0123SBSD02

Tgt Ion: 43	Resp: 50205
Ion Ratio	Lower Upper
43 100	
61 32.5	26.5 39.7
87 14.3	13.4 20.0

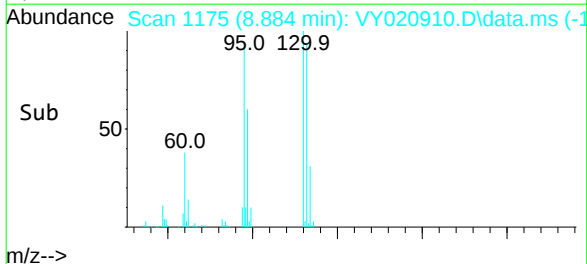
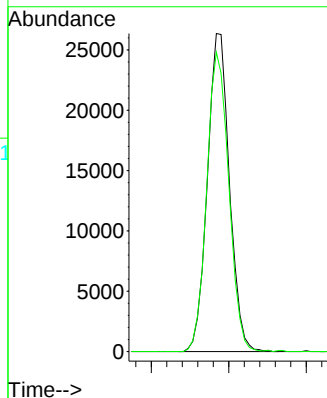
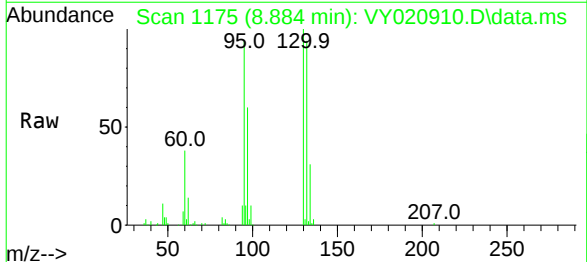
Manual Integrations
APPROVED

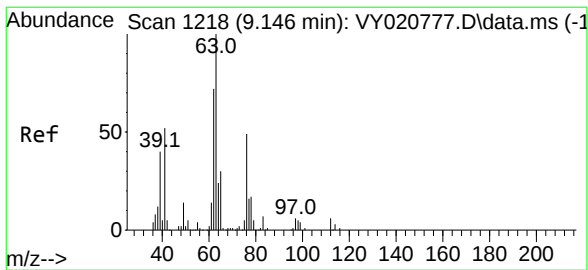
Reviewed By :Semsettin Yesilyurt 01/24/2025
Supervised By :Mahesh Dadoda 01/24/2025



#44
Trichloroethene
Concen: 23.001 ug/l
RT: 8.884 min Scan# 1175
Delta R.T. -0.006 min
Lab File: VY020910.D
Acq: 23 Jan 2025 12:17

Tgt Ion:130	Resp: 52160
Ion Ratio	Lower Upper
130 100	
95 94.1	0.0 181.0





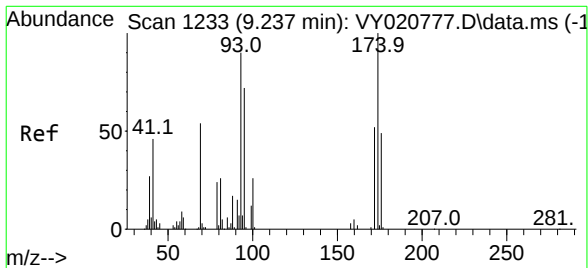
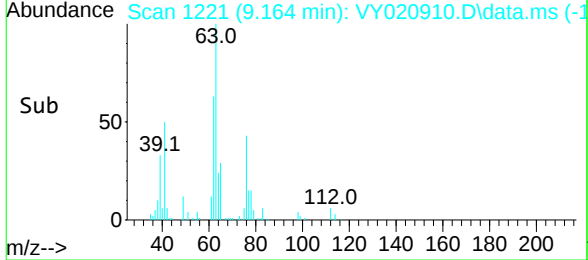
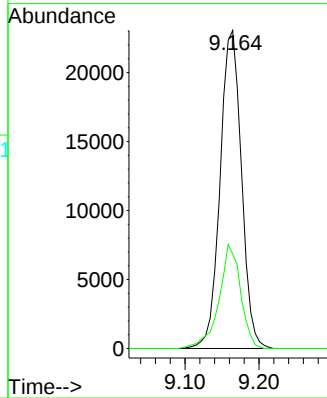
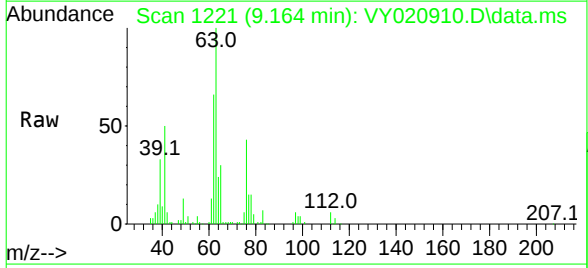
#45
1,2-Dichloropropane
Concen: 25.041 ug/l
RT: 9.164 min Scan# 1218
Delta R.T. 0.000 min
Lab File: VY020910.D
Acq: 23 Jan 2025 12:17

Instrument :
MSVOA_Y
ClientSampleId :
VY0123SBSD02

Tgt Ion: 63 Resp: 46180
Ion Ratio Lower Upper
63 100
65 29.7 24.2 36.4

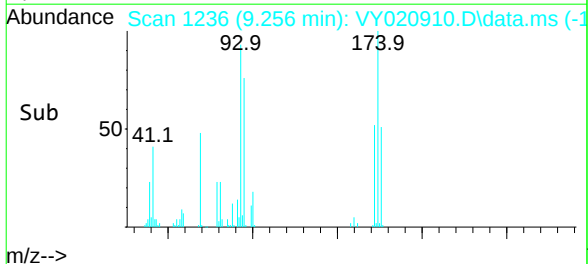
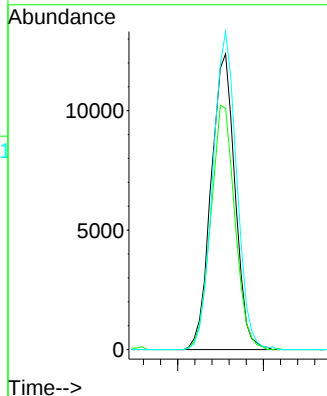
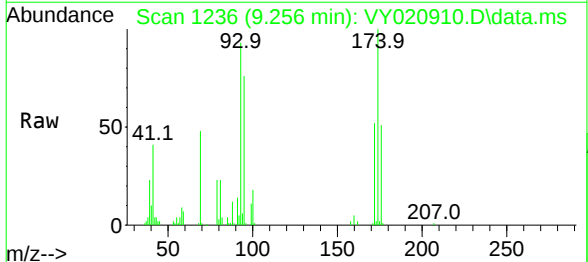
Manual Integrations
APPROVED

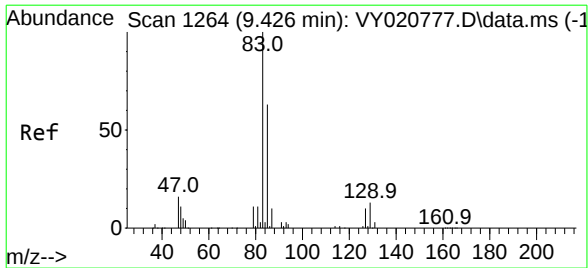
Reviewed By :Semsettin Yesilyurt 01/24/2025
Supervised By :Mahesh Dadoda 01/24/2025



#46
Dibromomethane
Concen: 22.667 ug/l
RT: 9.256 min Scan# 1236
Delta R.T. 0.000 min
Lab File: VY020910.D
Acq: 23 Jan 2025 12:17

Tgt Ion: 93 Resp: 24004
Ion Ratio Lower Upper
93 100
95 83.0 68.2 102.4
174 107.1 89.0 133.6





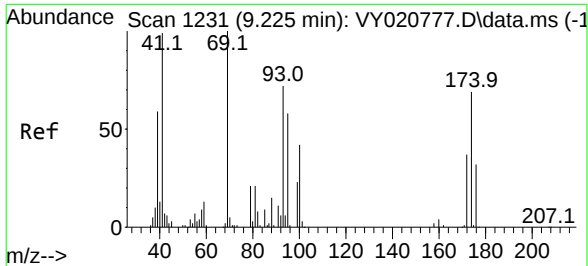
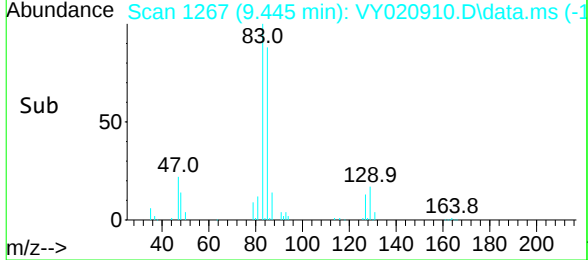
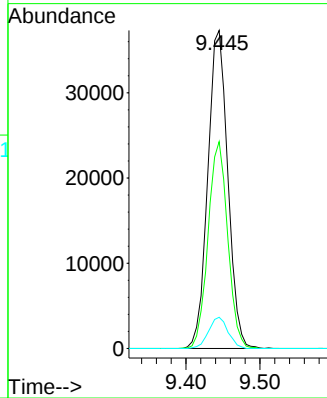
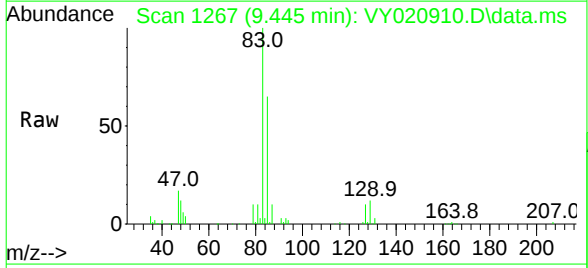
#47
Bromodichloromethane
Concen: 23.125 ug/l
RT: 9.445 min Scan# 1267
Delta R.T. -0.006 min
Lab File: VY020910.D
Acq: 23 Jan 2025 12:17

Instrument :
MSVOA_Y
ClientSampleId :
VY0123SBSD02

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.0	50.7	76.1
127	9.8	7.9	11.9

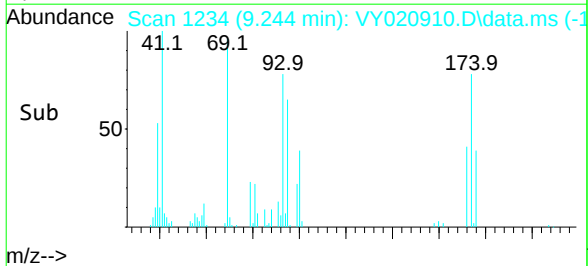
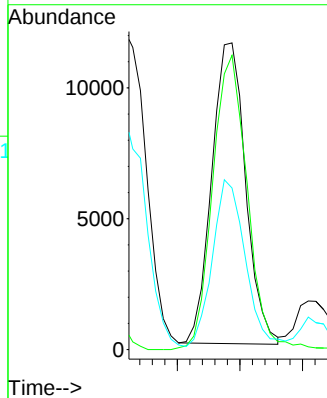
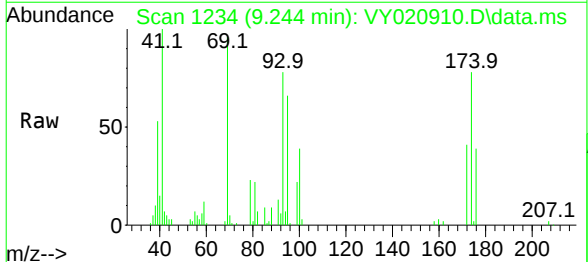
Manual Integrations
APPROVED

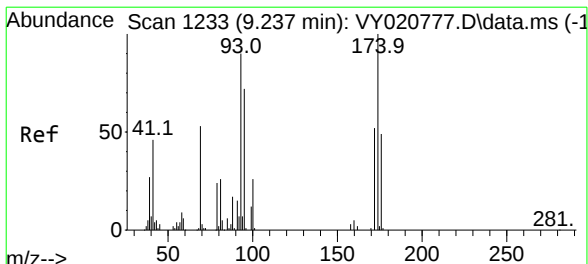
Reviewed By :Semsettin Yesilyurt 01/24/2025
Supervised By :Mahesh Dadoda 01/24/2025



#48
Methyl methacrylate
Concen: 22.430 ug/l
RT: 9.244 min Scan# 1234
Delta R.T. 0.000 min
Lab File: VY020910.D
Acq: 23 Jan 2025 12:17

Tgt Ion	Ratio	Lower	Upper
41	100		
69	100.3	78.9	118.3
39	53.7	44.6	67.0





#49
 1,4-Dioxane
 Concen: 377.989 ug/l
 RT: 9.256 min Scan# 1236
 Delta R.T. -0.006 min
 Lab File: VY020910.D
 Acq: 23 Jan 2025 12:17

Instrument :

MSVOA_Y

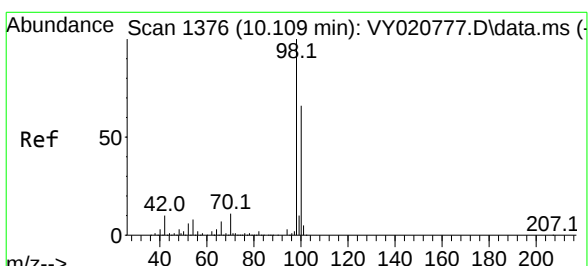
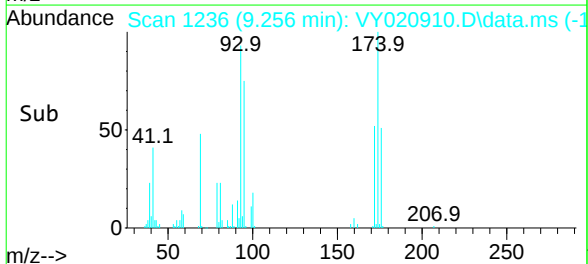
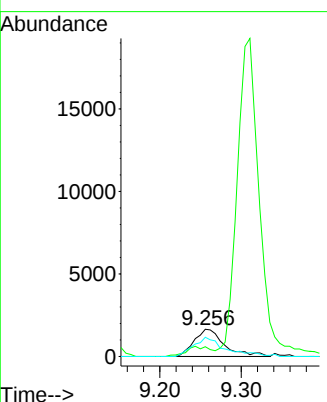
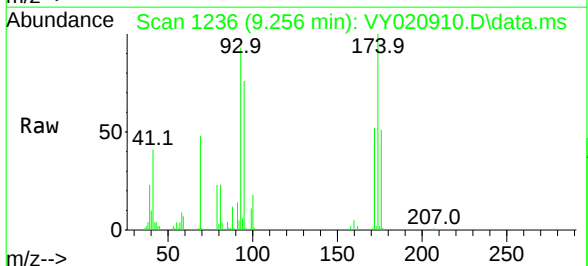
ClientSampleId :

VY0123SBSD02

Tgt Ion:	88	Resp:	4250
Ion	Ratio	Lower	Upper
88	100		
43	30.4	24.4	36.6
58	75.1	51.0	76.6

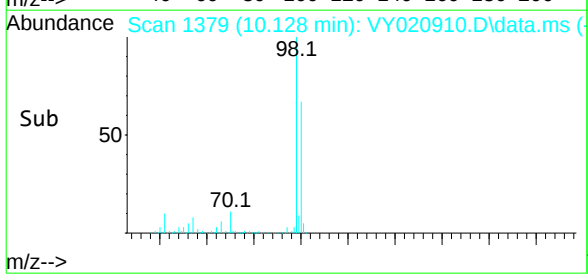
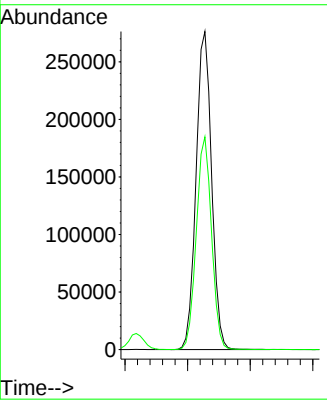
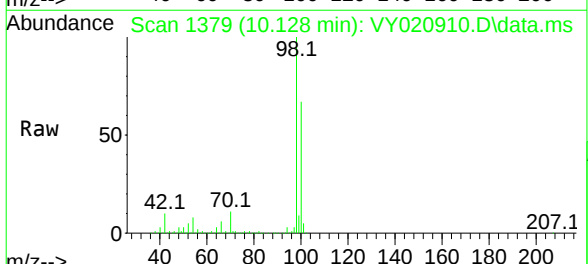
Manual Integrations
 APPROVED

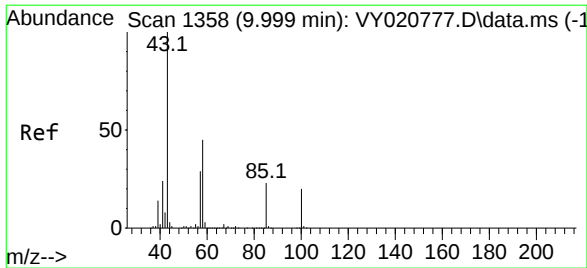
Reviewed By :Semsettin Yesilyurt 01/24/2025
 Supervised By :Mahesh Dadoda 01/24/2025



#50
 Toluene-d8
 Concen: 65.650 ug/l
 RT: 10.128 min Scan# 1379
 Delta R.T. -0.006 min
 Lab File: VY020910.D
 Acq: 23 Jan 2025 12:17

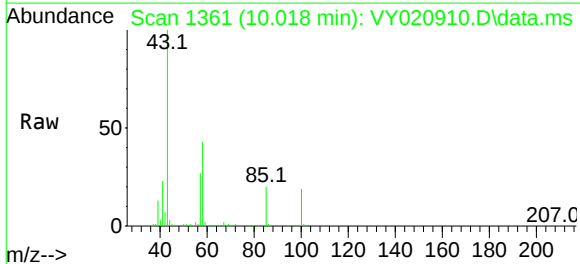
Tgt Ion:	98	Resp:	475568
Ion	Ratio	Lower	Upper
98	100		
100	65.6	52.5	78.7





#51
4-Methyl-2-Pentanone
Concen: 118.855 ug/l
RT: 10.018 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VY020910.D
Acq: 23 Jan 2025 12:17

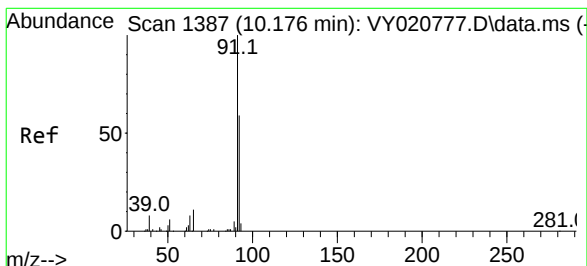
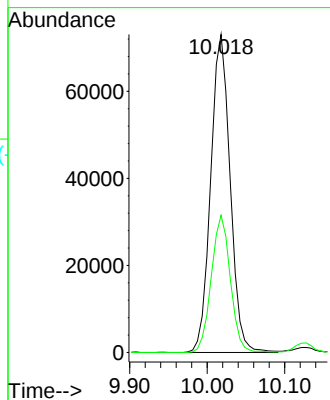
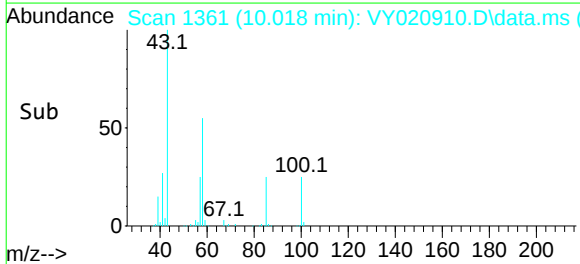
Instrument :
MSVOA_Y
ClientSampleId :
VY0123SBSD02



Tgt Ion: 43 Resp: 127389
Ion Ratio Lower Upper
43 100
58 42.3 34.8 52.2

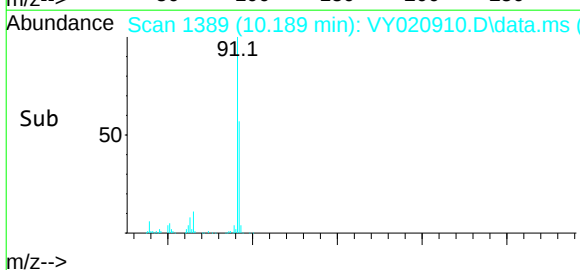
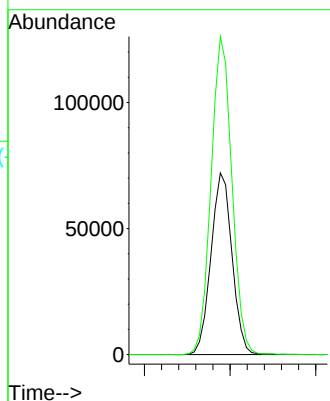
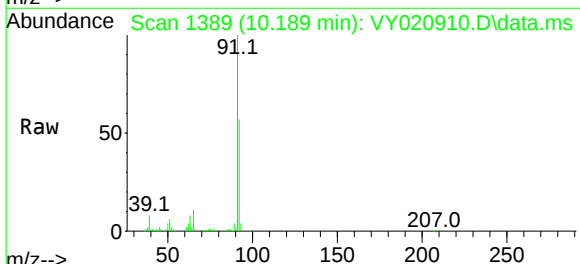
Manual Integrations
APPROVED

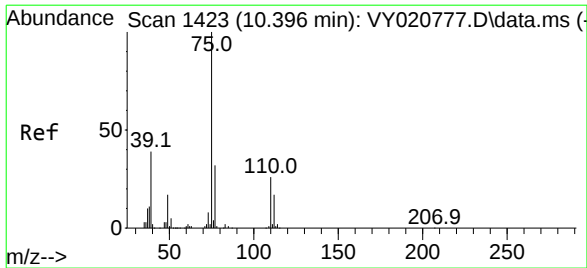
Reviewed By :Semsettin Yesilyurt 01/24/2025
Supervised By :Mahesh Dadoda 01/24/2025



#52
Toluene
Concen: 22.823 ug/l
RT: 10.189 min Scan# 1389
Delta R.T. -0.006 min
Lab File: VY020910.D
Acq: 23 Jan 2025 12:17

Tgt Ion: 92 Resp: 122944
Ion Ratio Lower Upper
92 100
91 173.8 136.6 204.8





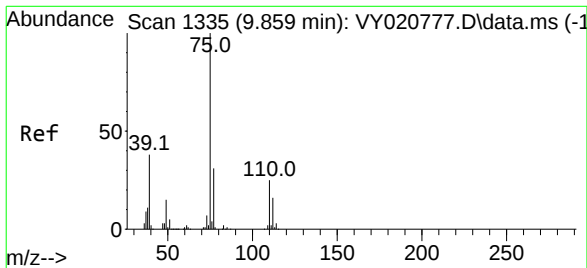
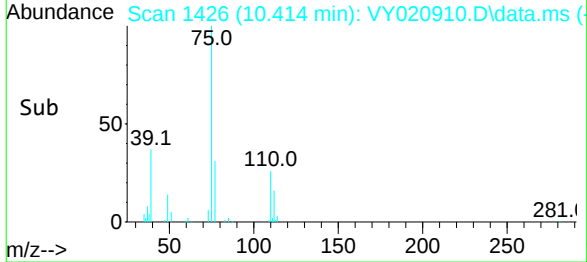
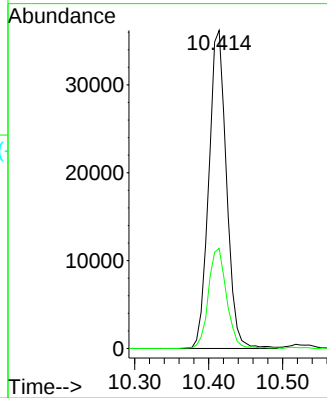
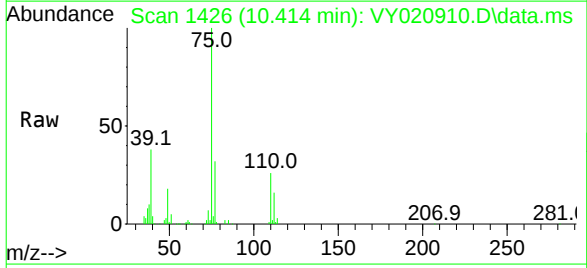
#53
t-1,3-Dichloropropene
Concen: 22.295 ug/l
RT: 10.414 min Scan# 1423
Delta R.T. 0.000 min
Lab File: VY020910.D
Acq: 23 Jan 2025 12:17

Instrument :
MSVOA_Y
ClientSampleId :
VY0123SBSD02

Tgt Ion: 75 Resp: 60141
Ion Ratio Lower Upper
75 100
77 31.5 25.2 37.8

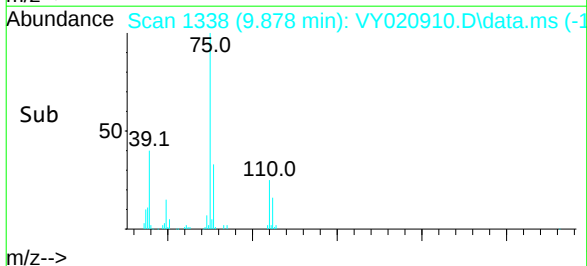
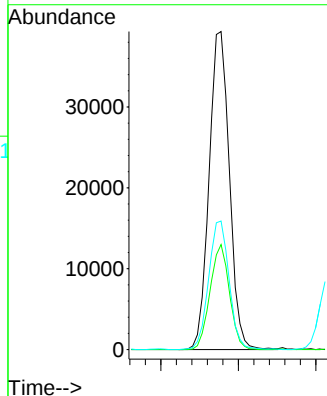
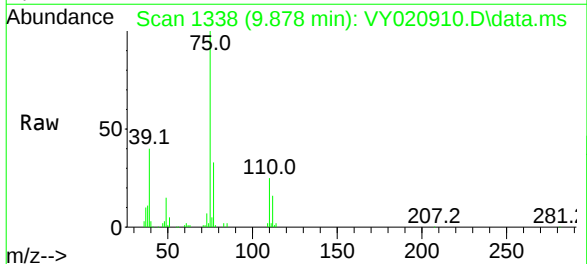
Manual Integrations
APPROVED

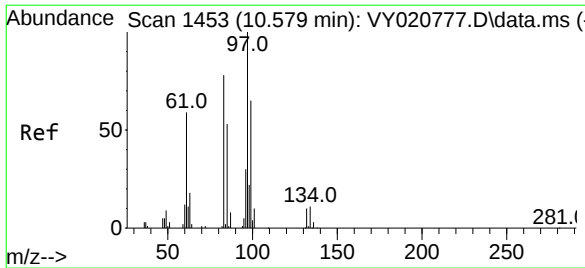
Reviewed By :Semsettin Yesilyurt 01/24/2025
Supervised By :Mahesh Dadoda 01/24/2025



#54
cis-1,3-Dichloropropene
Concen: 22.833 ug/l
RT: 9.878 min Scan# 1338
Delta R.T. 0.000 min
Lab File: VY020910.D
Acq: 23 Jan 2025 12:17

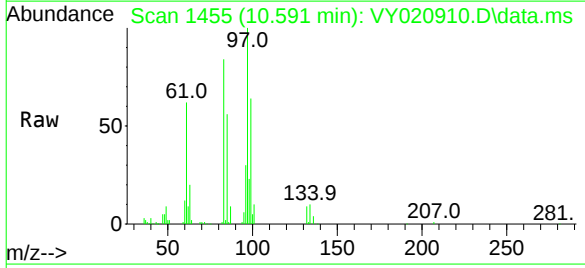
Tgt Ion: 75 Resp: 71532
Ion Ratio Lower Upper
75 100
77 33.0 24.5 36.7
39 40.4 30.7 46.1





#55
1,1,2-Trichloroethane
Concen: 22.883 ug/l
RT: 10.591 min Scan# 1455
Delta R.T. -0.006 min
Lab File: VY020910.D
Acq: 23 Jan 2025 12:17

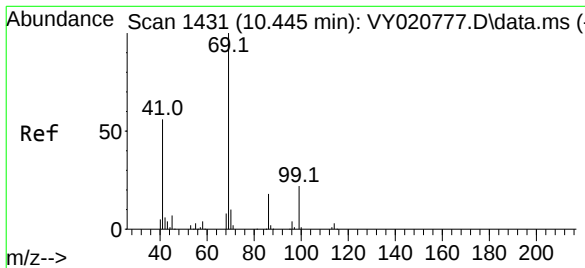
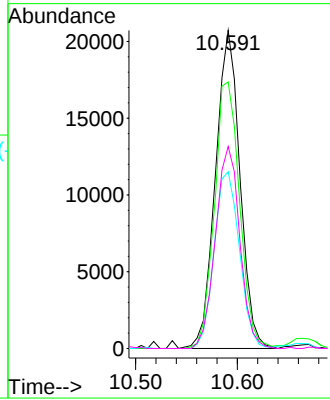
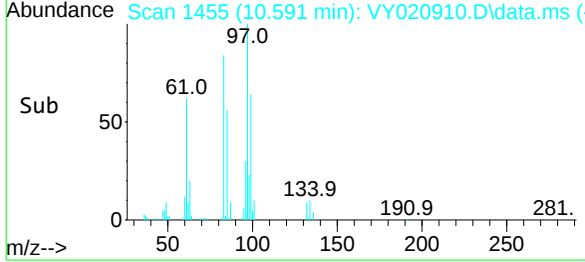
Instrument :
MSVOA_Y
ClientSampleId :
VY0123SBS02



Tgt Ion	Ratio	Lower	Upper
97	100		
83	83.8	62.8	94.2
85	55.6	42.4	63.6
99	63.5	51.6	77.4

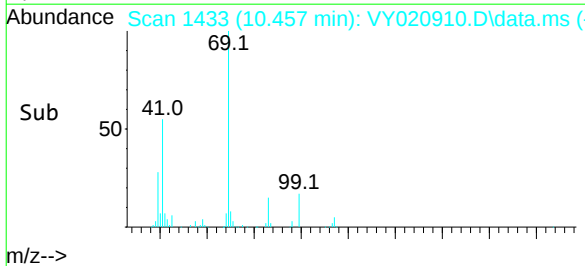
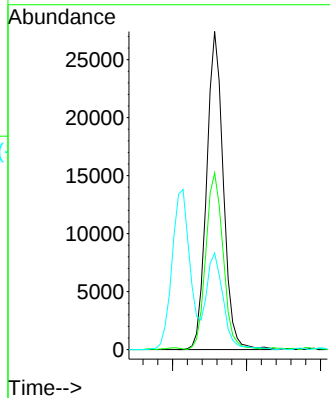
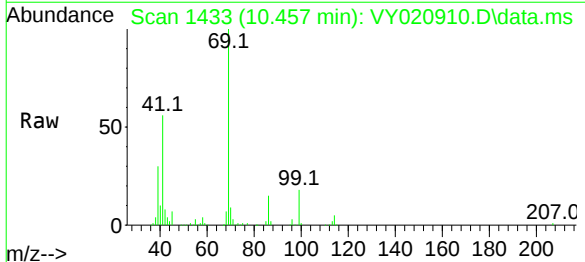
Manual Integrations
APPROVED

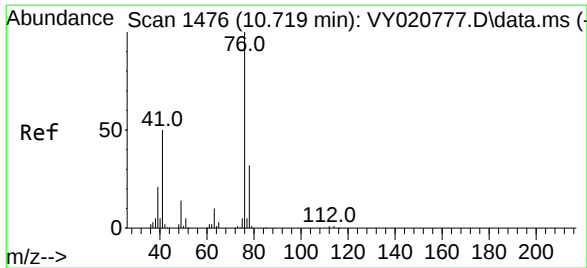
Reviewed By :Semsettin Yesilyurt 01/24/2025
Supervised By :Mahesh Dadoda 01/24/2025



#56
Ethyl methacrylate
Concen: 22.526 ug/l
RT: 10.457 min Scan# 1433
Delta R.T. -0.006 min
Lab File: VY020910.D
Acq: 23 Jan 2025 12:17

Tgt Ion	Ratio	Lower	Upper
69	100		
41	57.5	46.6	69.8
39	29.8	25.7	38.5





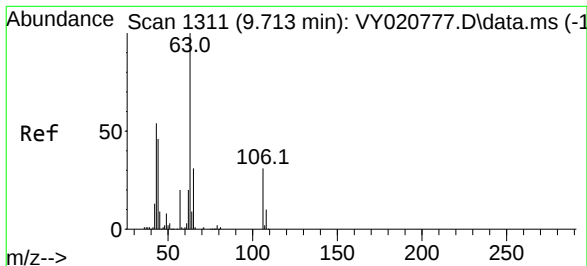
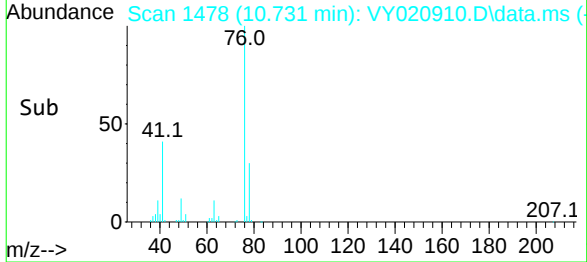
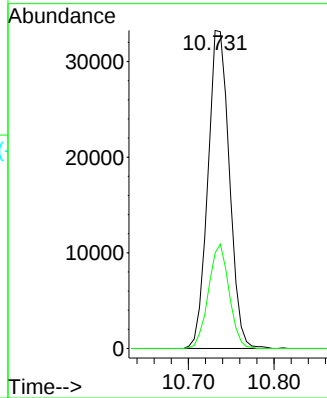
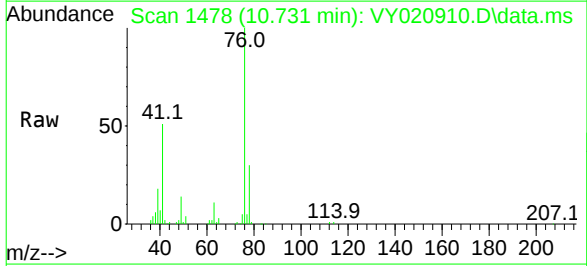
#57
1,3-Dichloropropane
Concen: 23.461 ug/l
RT: 10.731 min Scan# 1476
Delta R.T. -0.006 min
Lab File: VY020910.D
Acq: 23 Jan 2025 12:17

Instrument : MSVOA_Y
ClientSampleId : VY0123SBS02

Tgt Ion: 76 Resp: 57857
Ion Ratio Lower Upper
76 100
78 31.5 26.1 39.1

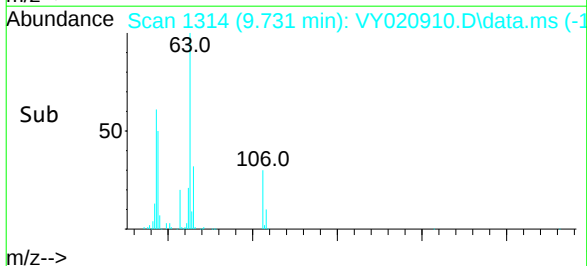
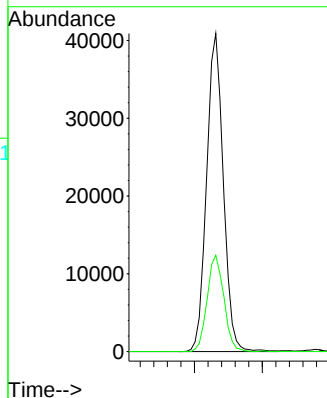
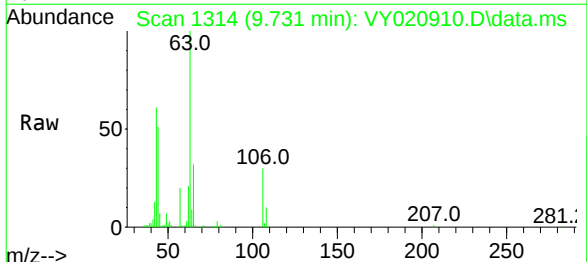
Manual Integrations
APPROVED

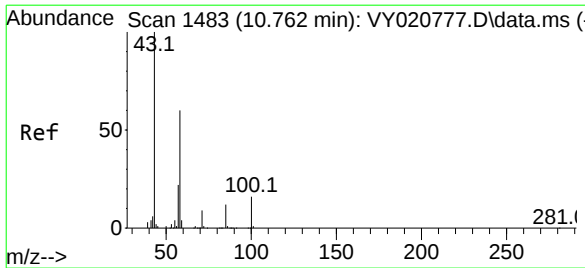
Reviewed By :Semsettin Yesilyurt 01/24/2025
Supervised By :Mahesh Dadoda 01/24/2025



#58
2-Chloroethyl Vinyl ether
Concen: 92.263 ug/l
RT: 9.731 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VY020910.D
Acq: 23 Jan 2025 12:17

Tgt Ion: 63 Resp: 69934
Ion Ratio Lower Upper
63 100
106 30.2 25.9 38.9





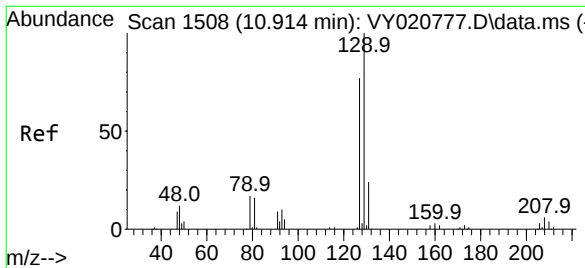
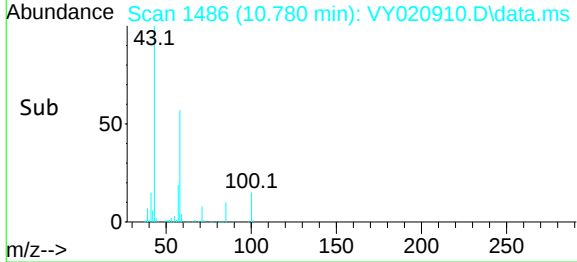
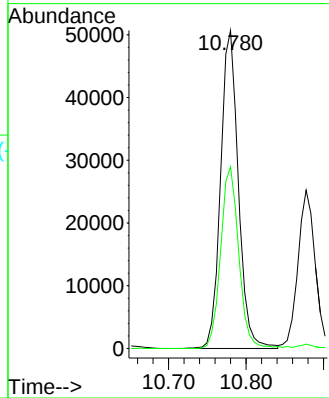
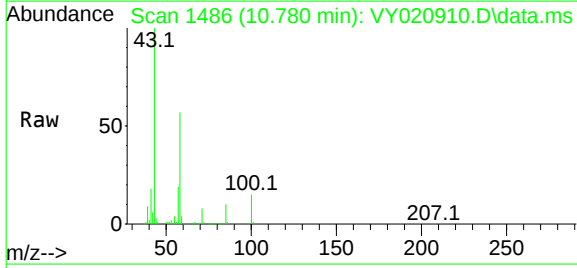
#59
2-Hexanone
Concen: 117.109 ug/l
RT: 10.780 min Scan# 1486
Delta R.T. 0.000 min
Lab File: VY020910.D
Acq: 23 Jan 2025 12:17

Instrument :
MSVOA_Y
ClientSampleId :
VY0123SBSD02

Tgt Ion: 43 Resp: 80525
Ion Ratio Lower Upper
43 100
58 58.2 30.6 92.0

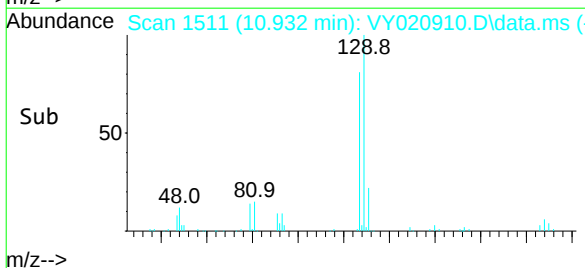
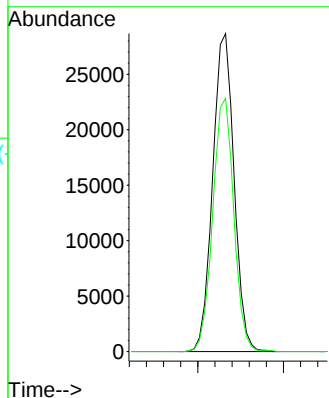
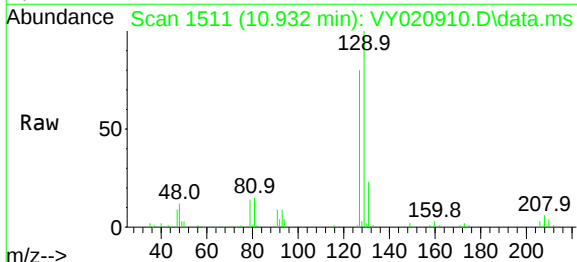
Manual Integrations
APPROVED

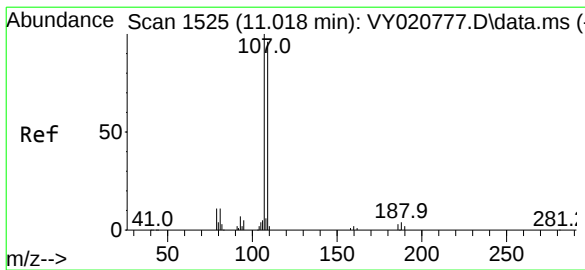
Reviewed By :Semsettin Yesilyurt 01/24/2025
Supervised By :Mahesh Dadoda 01/24/2025



#60
Dibromochloromethane
Concen: 22.634 ug/l
RT: 10.932 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VY020910.D
Acq: 23 Jan 2025 12:17

Tgt Ion:129 Resp: 49664
Ion Ratio Lower Upper
129 100
127 78.6 38.3 114.9





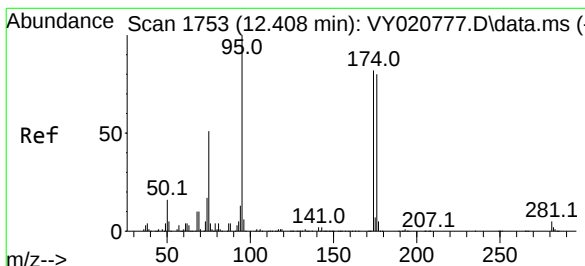
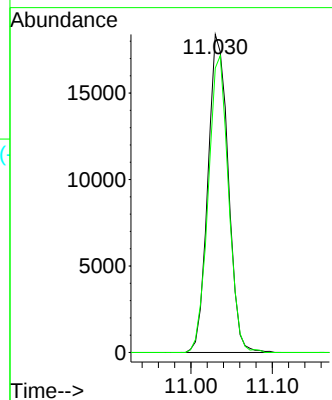
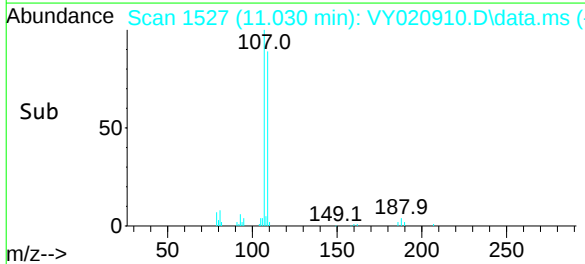
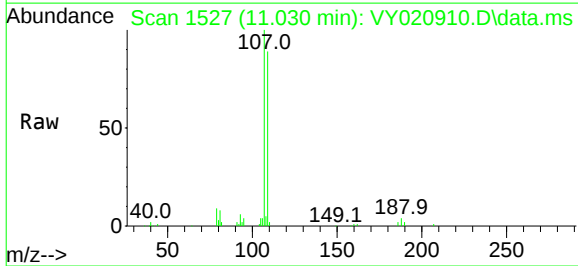
#61
1,2-Dibromoethane
Concen: 23.403 ug/l
RT: 11.030 min Scan# 1527
Delta R.T. -0.006 min
Lab File: VY020910.D
Acq: 23 Jan 2025 12:17

Instrument :
MSVOA_Y
ClientSampleId :
VY0123SBSD02

Tgt Ion: 107 Resp: 31787
Ion Ratio Lower Upper
107 100
109 93.2 75.5 113.3

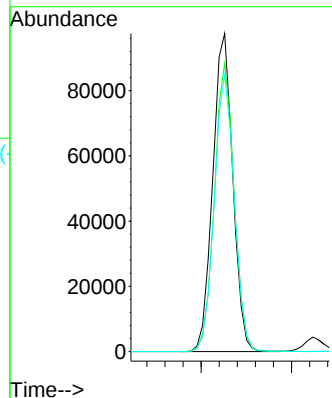
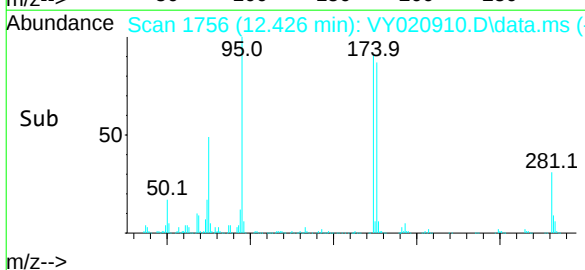
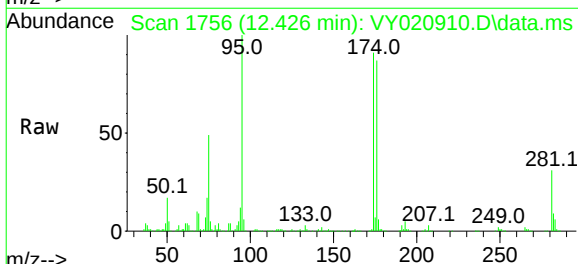
Manual Integrations
APPROVED

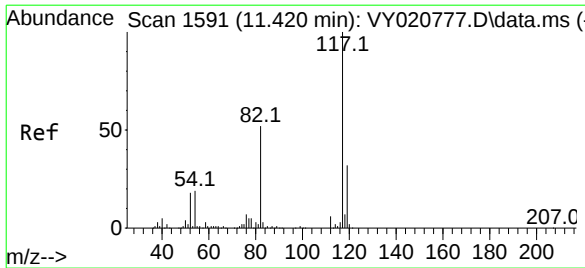
Reviewed By : Semsettin Yesilyurt 01/24/2025
Supervised By : Mahesh Dadoda 01/24/2025



#62
4-Bromofluorobenzene
Concen: 56.007 ug/l
RT: 12.426 min Scan# 1756
Delta R.T. 0.000 min
Lab File: VY020910.D
Acq: 23 Jan 2025 12:17

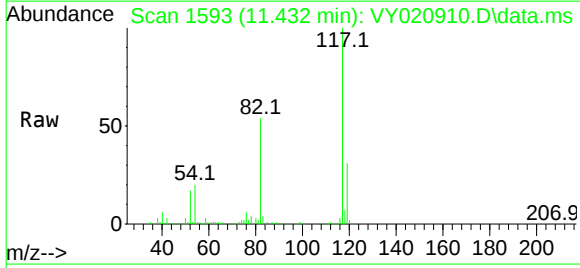
Tgt Ion: 95 Resp: 149823
Ion Ratio Lower Upper
95 100
174 89.6 0.0 178.0
176 86.8 0.0 172.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.432 min Scan# 1591
Delta R.T. -0.006 min
Lab File: VY020910.D
Acq: 23 Jan 2025 12:17

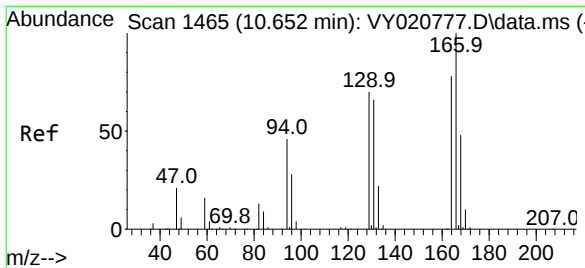
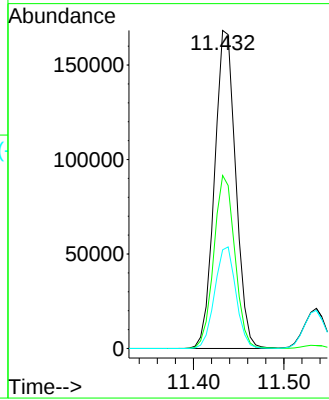
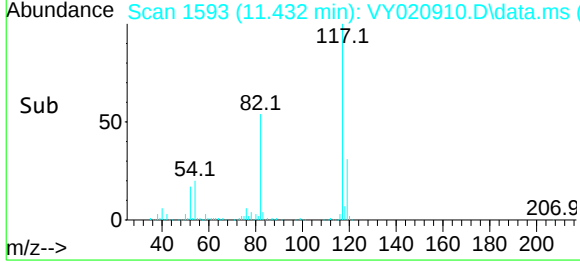
Instrument :
MSVOA_Y
ClientSampleId :
VY0123SBSD02



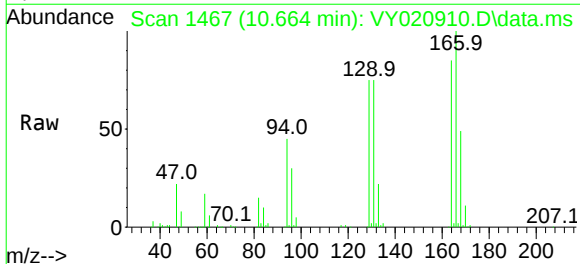
Tgt Ion:117 Resp: 274062
Ion Ratio Lower Upper
117 100
82 54.4 41.8 62.6
119 31.0 25.8 38.8

Manual Integrations
APPROVED

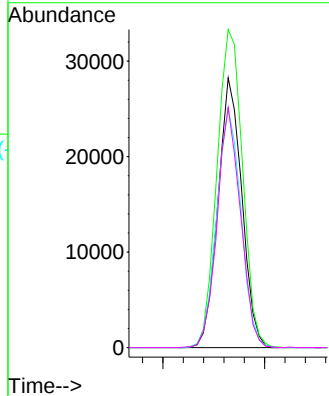
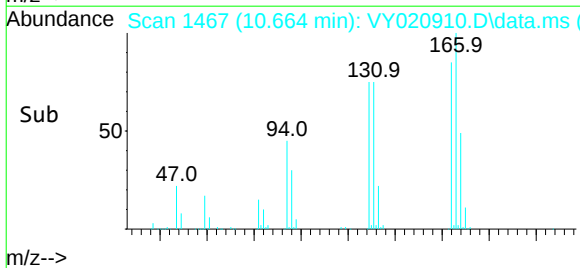
Reviewed By :Semsettin Yesilyurt 01/24/2025
Supervised By :Mahesh Dadoda 01/24/2025

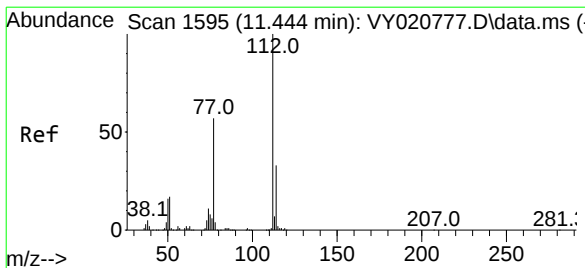


#64
Tetrachloroethene
Concen: 22.896 ug/l
RT: 10.664 min Scan# 1467
Delta R.T. -0.006 min
Lab File: VY020910.D
Acq: 23 Jan 2025 12:17



Tgt Ion:164 Resp: 46135
Ion Ratio Lower Upper
164 100
166 117.9 102.0 153.0
129 88.7 71.4 107.2
131 88.9 67.8 101.6





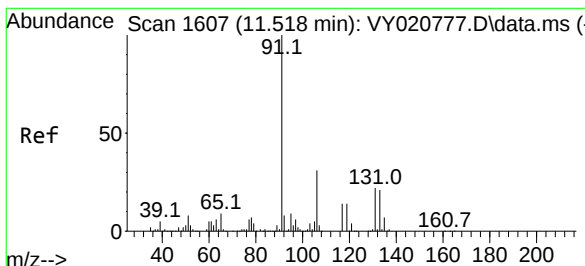
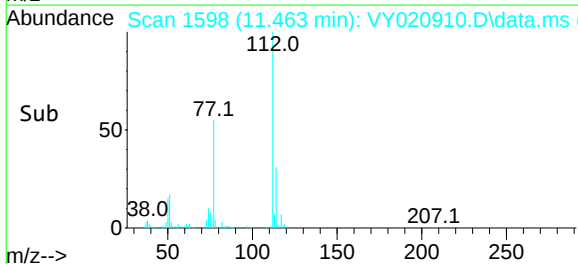
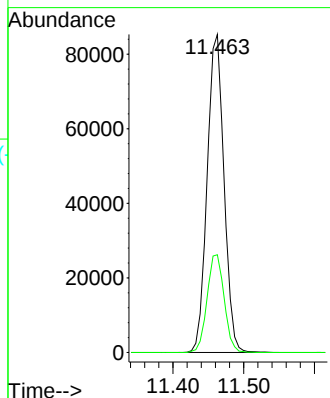
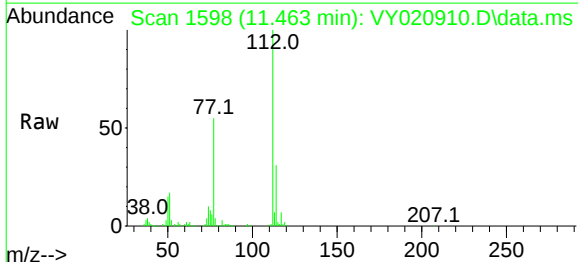
#65
Chlorobenzene
Concen: 23.253 ug/l
RT: 11.463 min Scan# 1595
Delta R.T. 0.000 min
Lab File: VY020910.D
Acq: 23 Jan 2025 12:17

Instrument :
MSVOA_Y
ClientSampleId :
VY0123SBSD02

Tgt Ion:112 Resp: 140898
Ion Ratio Lower Upper
112 100
114 30.7 26.1 39.1

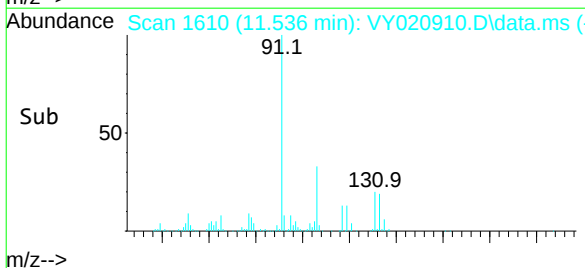
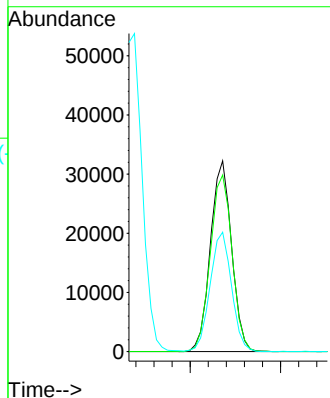
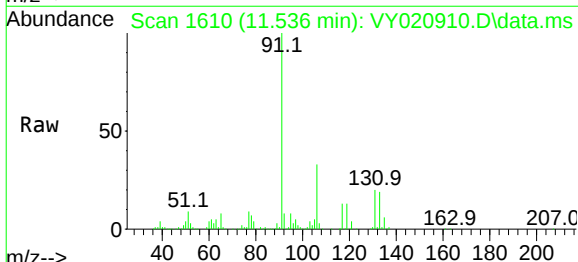
Manual Integrations
APPROVED

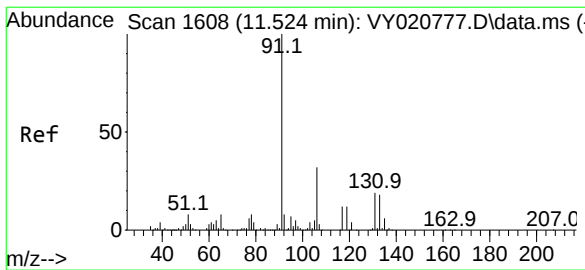
Reviewed By :Semsettin Yesilyurt 01/24/2025
Supervised By :Mahesh Dadoda 01/24/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 22.677 ug/l
RT: 11.536 min Scan# 1610
Delta R.T. 0.000 min
Lab File: VY020910.D
Acq: 23 Jan 2025 12:17

Tgt Ion:131 Resp: 52311
Ion Ratio Lower Upper
131 100
133 95.4 46.9 140.8
119 63.4 30.2 90.6





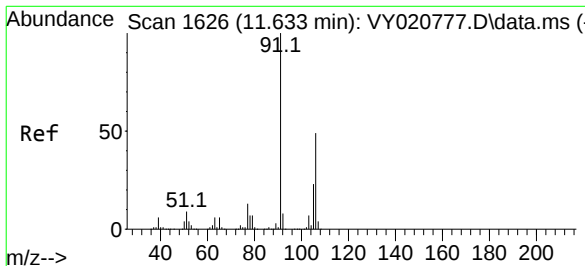
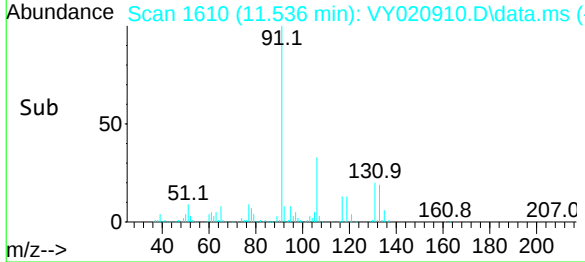
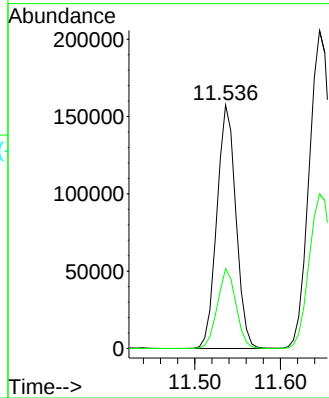
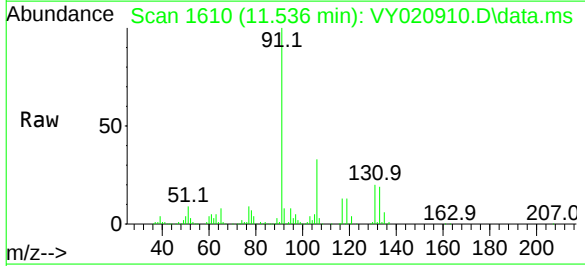
#67
Ethyl Benzene
Concen: 23.176 ug/l
RT: 11.536 min Scan# 1610
Delta R.T. -0.006 min
Lab File: VY020910.D
Acq: 23 Jan 2025 12:17

Instrument :
MSVOA_Y
ClientSampleId :
VY0123SBSD02

Tgt Ion: 91 Resp: 243135
Ion Ratio Lower Upper
91 100
106 32.8 25.5 38.3

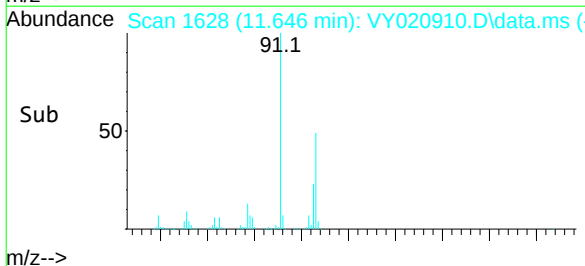
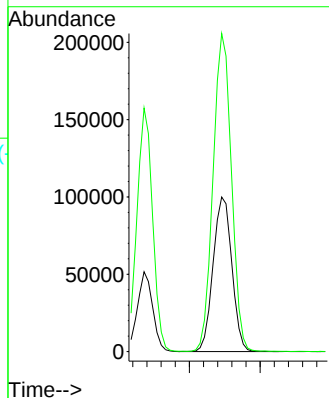
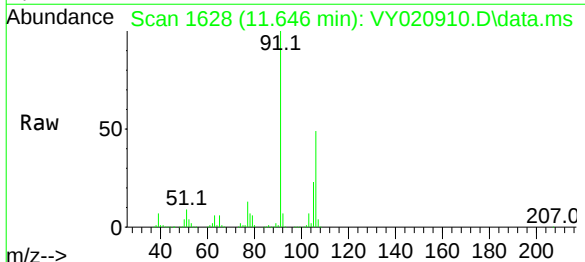
Manual Integrations
APPROVED

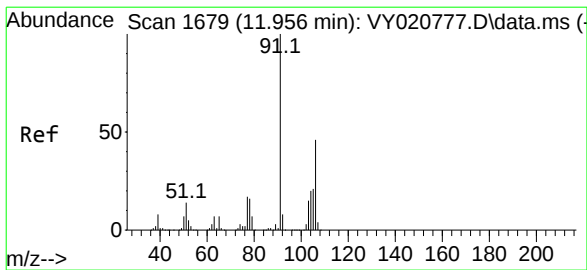
Reviewed By :Semsettin Yesilyurt 01/24/2025
Supervised By :Mahesh Dadoda 01/24/2025



#68
m/p-Xylenes
Concen: 45.632 ug/l
RT: 11.646 min Scan# 1628
Delta R.T. -0.006 min
Lab File: VY020910.D
Acq: 23 Jan 2025 12:17

Tgt Ion:106 Resp: 184314
Ion Ratio Lower Upper
106 100
91 201.5 162.6 243.8





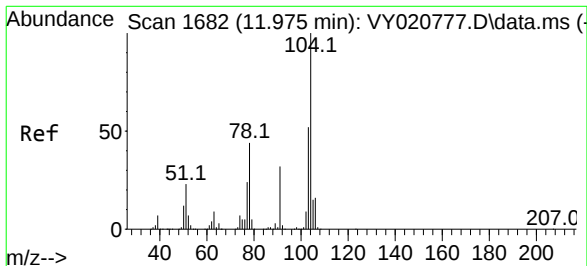
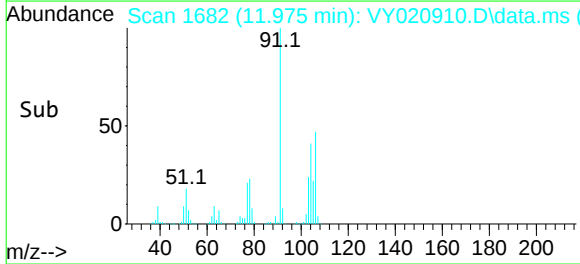
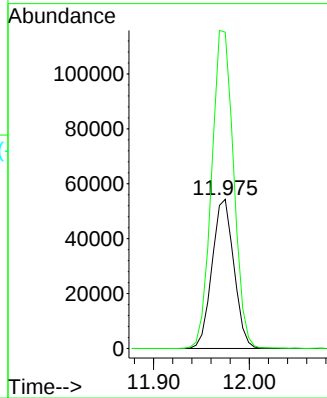
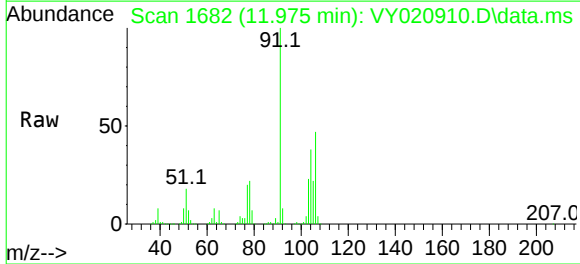
#69
o-Xylene
Concen: 22.531 ug/l
RT: 11.975 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VY020910.D
Acq: 23 Jan 2025 12:17

Instrument :
MSVOA_Y
ClientSampleId :
VY0123SBSD02

Tgt Ion:106 Resp: 86288
Ion Ratio Lower Upper
106 100
91 214.8 108.2 324.6

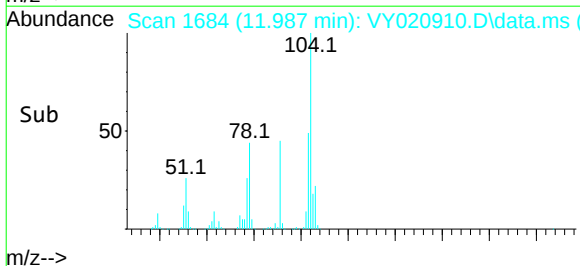
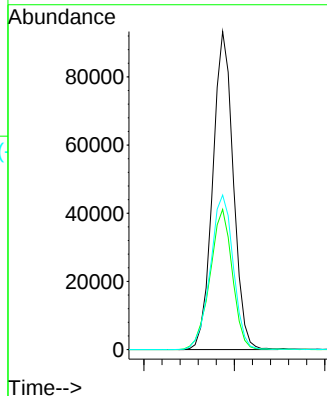
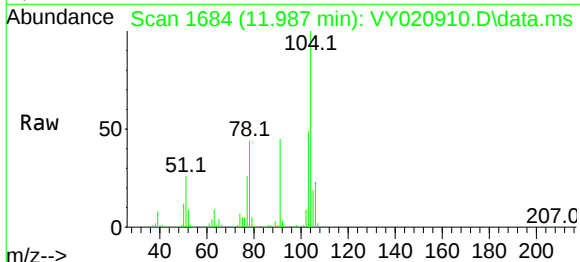
Manual Integrations
APPROVED

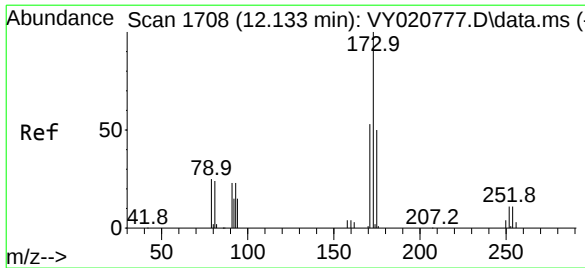
Reviewed By :Semsettin Yesilyurt 01/24/2025
Supervised By :Mahesh Dadoda 01/24/2025



#70
Styrene
Concen: 22.874 ug/l
RT: 11.987 min Scan# 1684
Delta R.T. -0.006 min
Lab File: VY020910.D
Acq: 23 Jan 2025 12:17

Tgt Ion:104 Resp: 147461
Ion Ratio Lower Upper
104 100
78 48.0 39.4 59.2
103 54.2 44.0 66.0





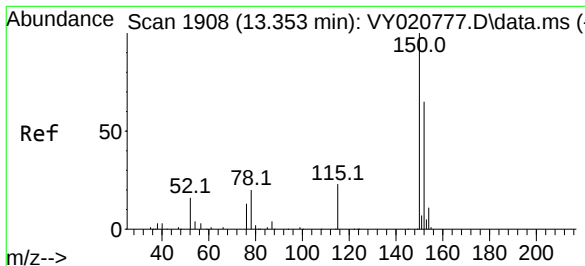
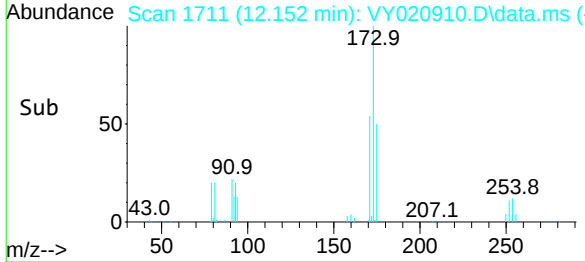
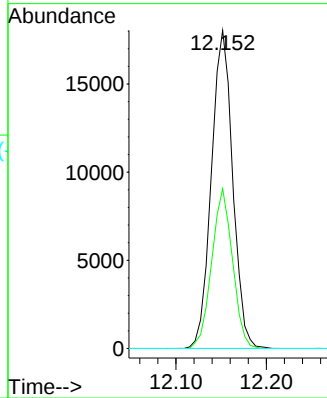
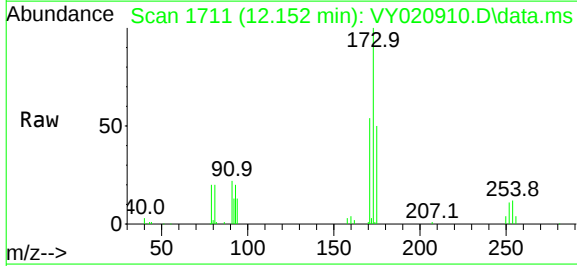
#71
Bromoform
Concen: 22.506 ug/l
RT: 12.152 min Scan# 1710
Delta R.T. 0.000 min
Lab File: VY020910.D
Acq: 23 Jan 2025 12:17

Instrument :
MSVOA_Y
ClientSampleId :
VY0123SBSD02

Tgt Ion:	173	Resp:	29513
Ion Ratio	Lower	Upper	
173	100		
175	49.0	24.2	72.6
254	0.0	0.0	0.0

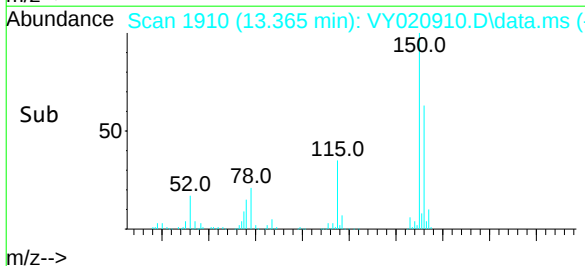
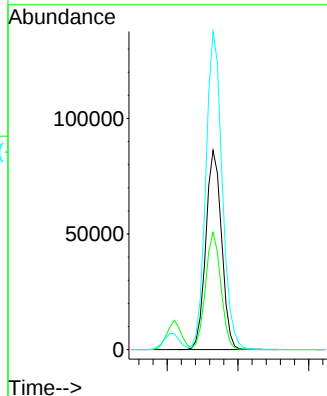
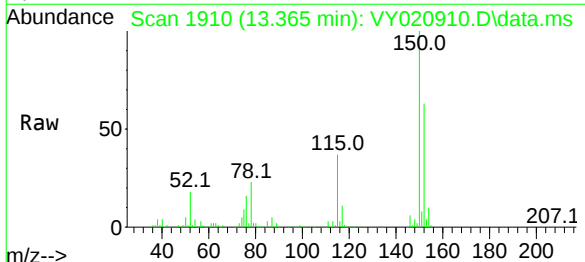
Manual Integrations
APPROVED

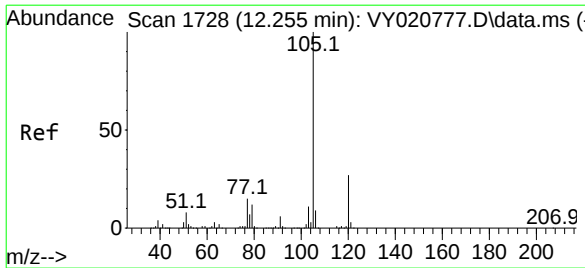
Reviewed By :Semsettin Yesilyurt 01/24/2025
Supervised By :Mahesh Dadoda 01/24/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.365 min Scan# 1910
Delta R.T. -0.006 min
Lab File: VY020910.D
Acq: 23 Jan 2025 12:17

Tgt Ion:	152	Resp:	133505
Ion Ratio	Lower	Upper	
152	100		
115	57.4	29.0	87.0
150	165.2	0.0	347.4





#73

Isopropylbenzene

Concen: 23.020 ug/l

RT: 12.274 min Scan# 17

Delta R.T. 0.000 min

Lab File: VY020910.D

Acq: 23 Jan 2025 12:17

Instrument :

MSVOA_Y

ClientSampleId :

VY0123SBS02

Tgt Ion:105 Resp: 243813

Ion Ratio Lower Upper

105 100

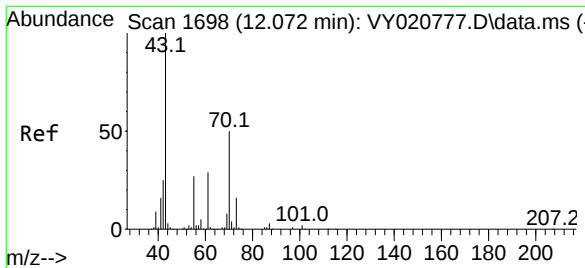
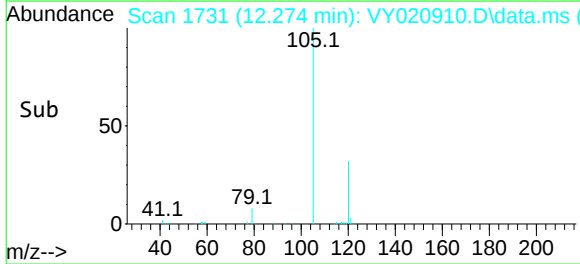
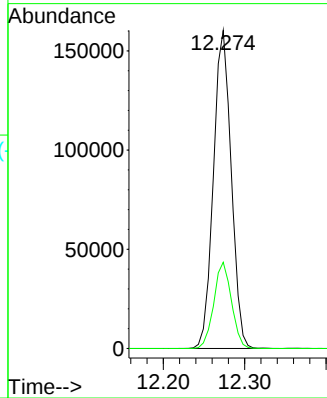
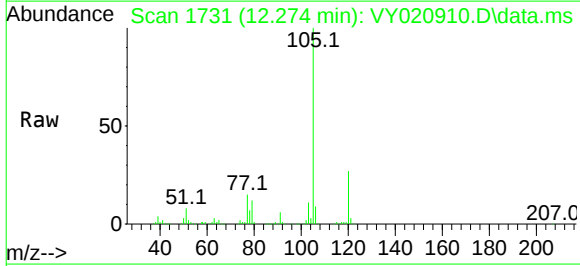
120 26.8 13.3 39.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/24/2025

Supervised By :Mahesh Dadoda 01/24/2025



#74

N-ethyl acetate

Concen: 24.172 ug/l

RT: 12.091 min Scan# 1701

Delta R.T. 0.000 min

Lab File: VY020910.D

Acq: 23 Jan 2025 12:17

Tgt Ion: 43 Resp: 41876

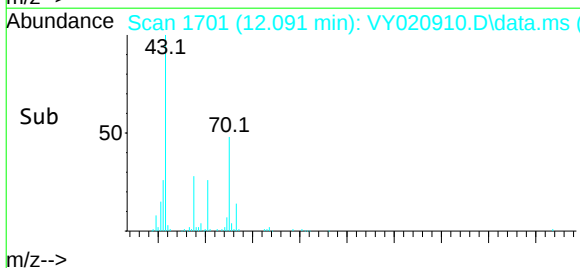
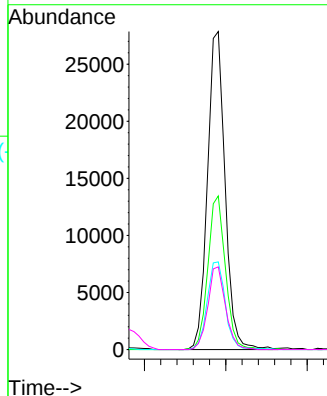
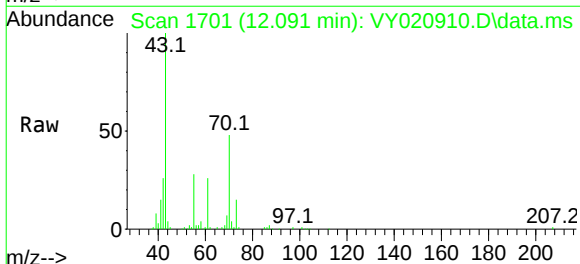
Ion Ratio Lower Upper

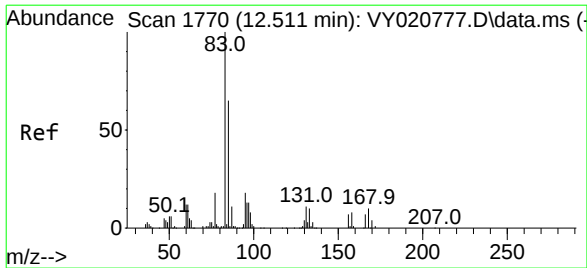
43 100

70 48.1 40.2 60.4

55 28.5 21.2 31.8

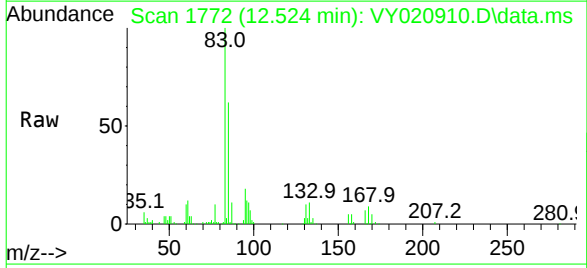
61 26.2 22.1 33.1





#75
1,1,2,2-Tetrachloroethane
Concen: 24.097 ug/l
RT: 12.524 min Scan# 1770
Delta R.T. -0.006 min
Lab File: VY020910.D
Acq: 23 Jan 2025 12:17

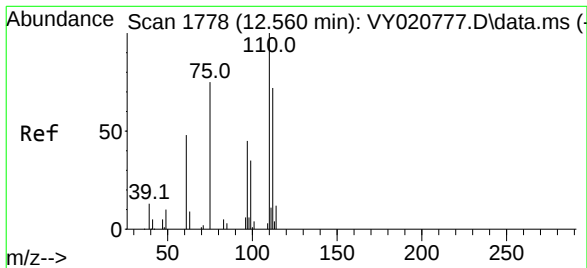
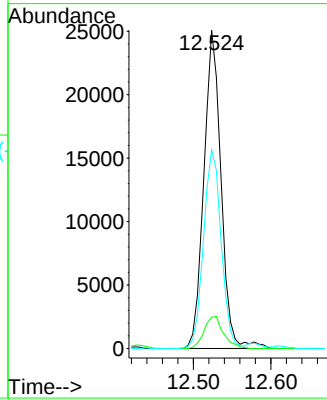
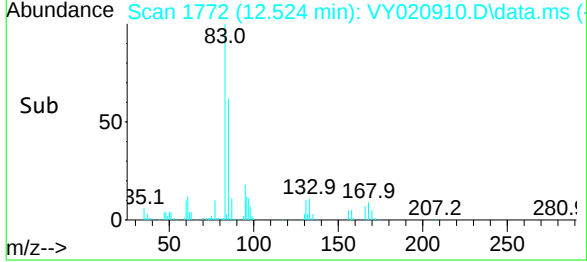
Instrument :
MSVOA_Y
ClientSampleId :
VY0123SBSD02



Tgt Ion	Ratio	Lower	Upper
83	100		
131	11.3	6.0	18.0
85	64.1	32.0	96.2

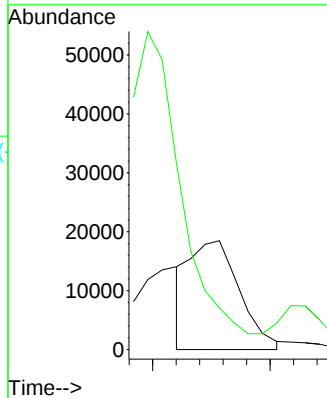
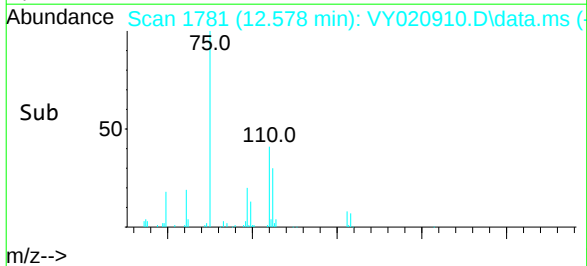
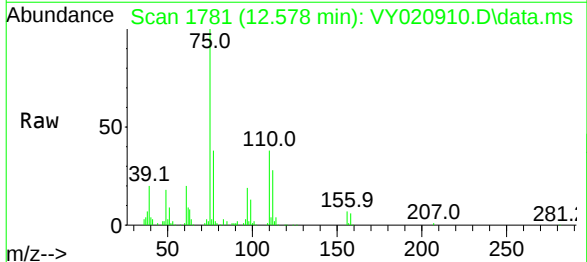
Manual Integrations
APPROVED

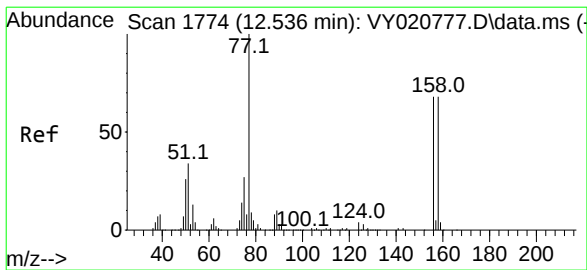
Reviewed By :Semsettin Yesilyurt 01/24/2025
Supervised By :Mahesh Dadoda 01/24/2025



#76
1,2,3-Trichloropropane
Concen: 23.492 ug/l m
RT: 12.578 min Scan# 1781
Delta R.T. 0.000 min
Lab File: VY020910.D
Acq: 23 Jan 2025 12:17

Tgt Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 23.031 ug/l

RT: 12.548 min Scan# 1776

Delta R.T. -0.006 min

Lab File: VY020910.D

Acq: 23 Jan 2025 12:17

Instrument :

MSVOA_Y

ClientSampleId :

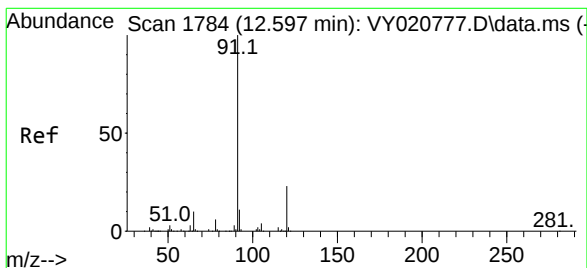
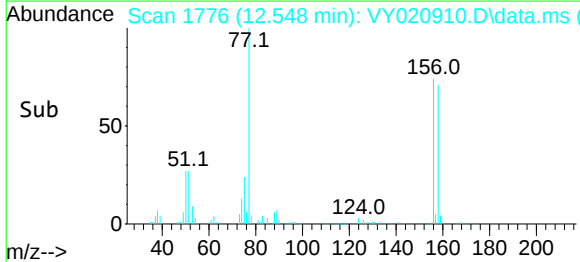
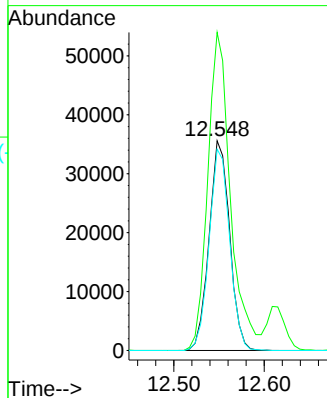
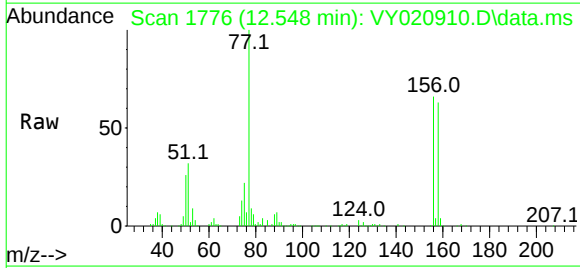
VY0123SBS02

Tgt Ion:	156	Resp:	56239
Ion Ratio	Lower	Upper	
156	100		
77	167.7	82.3	247.0
158	95.9	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/24/2025
Supervised By :Mahesh Dadoda 01/24/2025



#78

n-propylbenzene

Concen: 24.207 ug/l

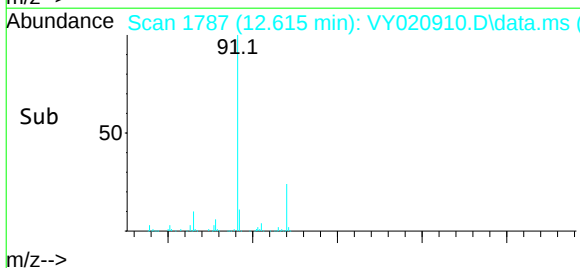
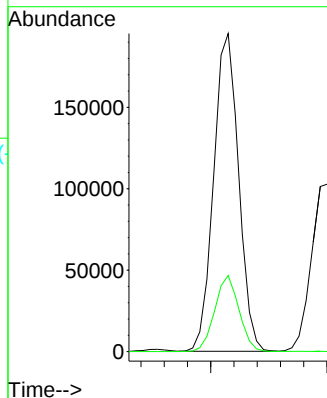
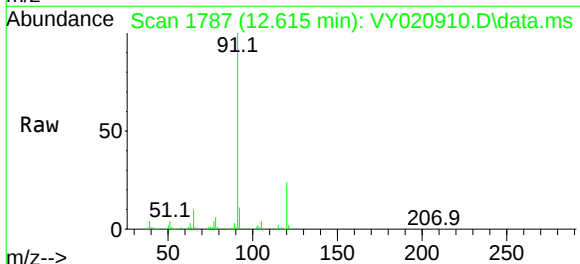
RT: 12.615 min Scan# 1787

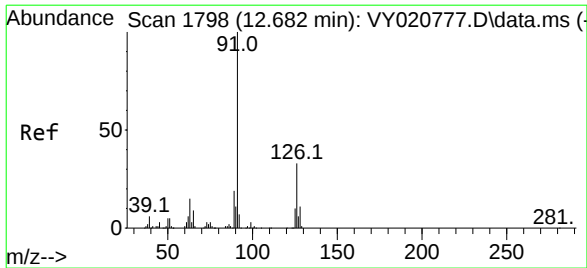
Delta R.T. 0.000 min

Lab File: VY020910.D

Acq: 23 Jan 2025 12:17

Tgt Ion:	91	Resp:	291006
Ion Ratio	Lower	Upper	
91	100		
120	23.2	12.0	36.1





#79

2-Chlorotoluene

Concen: 23.436 ug/l

RT: 12.700 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VY020910.D

Acq: 23 Jan 2025 12:17

Instrument :

MSVOA_Y

ClientSampleId :

VY0123SBS02

Tgt Ion: 91 Resp: 162242

Ion Ratio Lower Upper

91 100

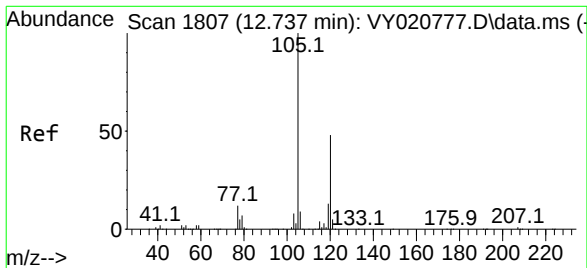
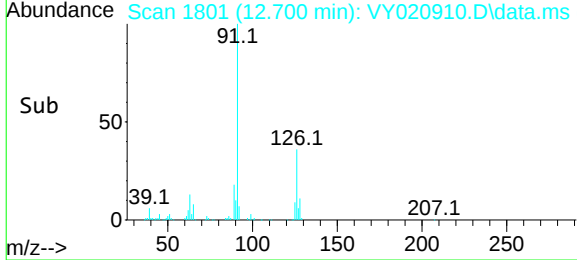
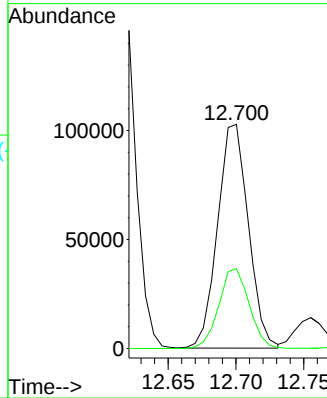
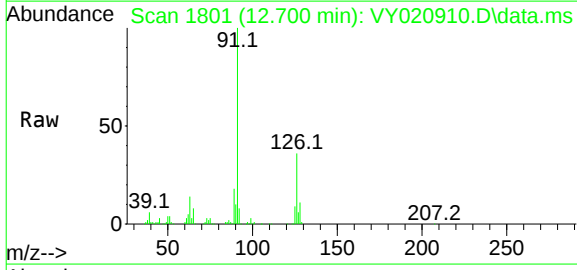
126 35.2 17.5 52.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/24/2025

Supervised By :Mahesh Dadoda 01/24/2025



#80

1,3,5-Trimethylbenzene

Concen: 23.261 ug/l

RT: 12.755 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VY020910.D

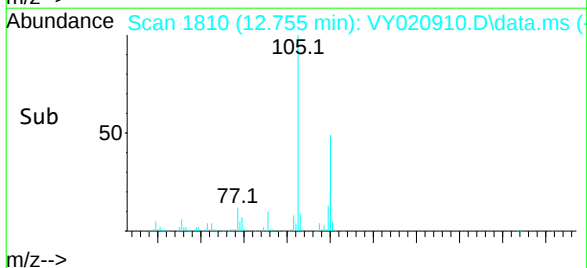
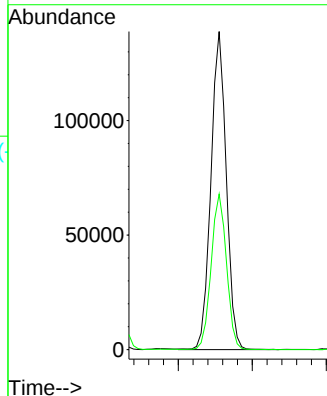
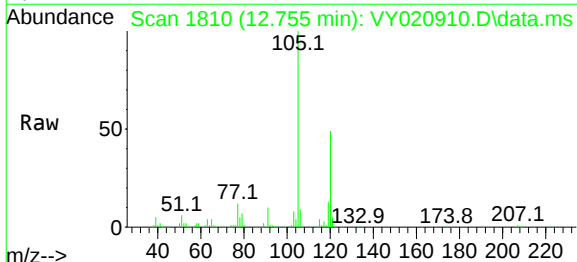
Acq: 23 Jan 2025 12:17

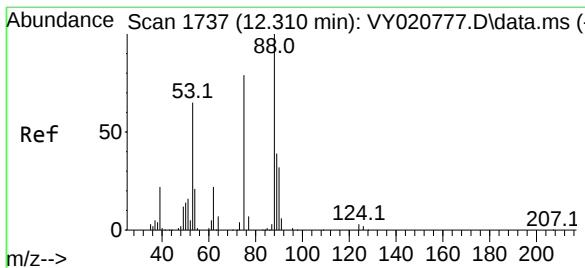
Tgt Ion:105 Resp: 199652

Ion Ratio Lower Upper

105 100

120 49.0 24.5 73.5





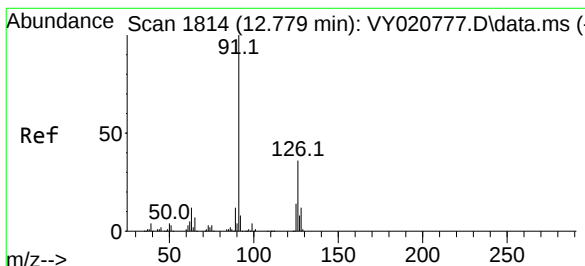
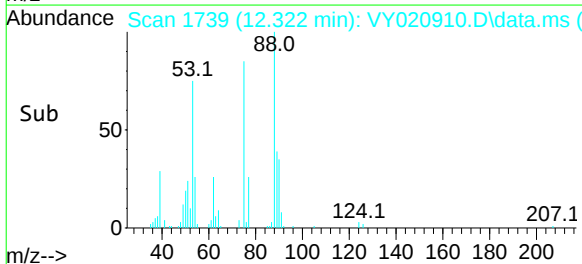
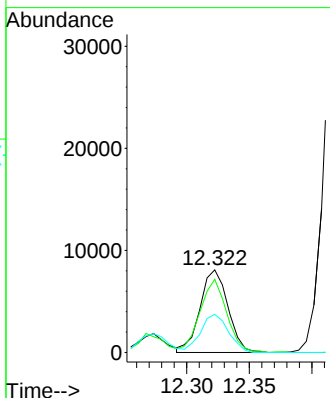
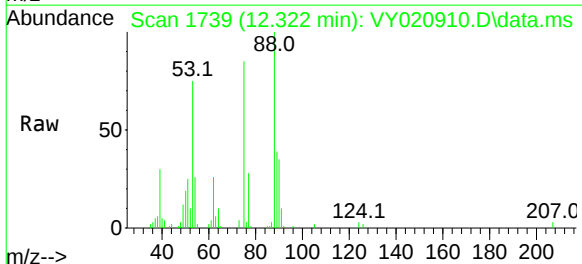
#81
trans-1,4-Dichloro-2-butene
Concen: 22.601 ug/l
RT: 12.322 min Scan# 1739
Delta R.T. -0.006 min
Lab File: VY020910.D
Acq: 23 Jan 2025 12:17

Instrument :
MSVOA_Y
ClientSampleId :
VY0123SBSD02

Tgt Ion: 75 Resp: 12521
Ion Ratio Lower Upper
75 100
53 84.3 69.4 104.0
89 45.7 39.6 59.4

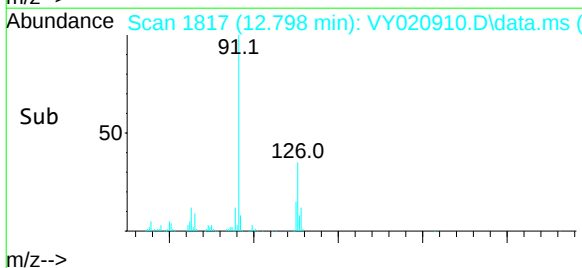
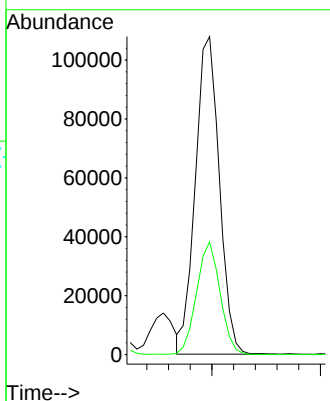
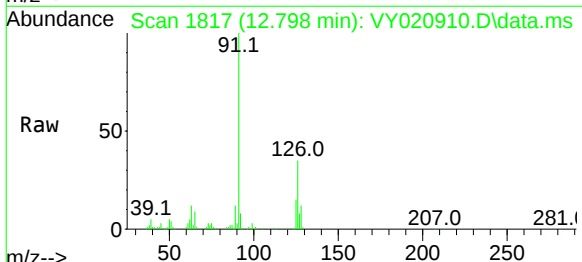
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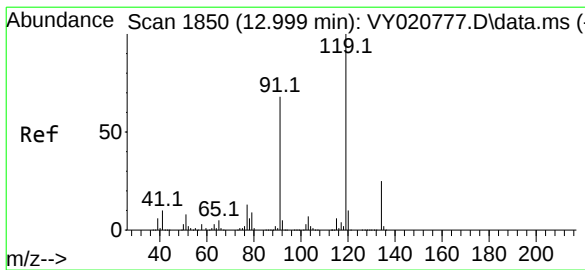
Reviewed By :Semsettin Yesilyurt 01/24/2025
Supervised By :Mahesh Dadoda 01/24/2025



#82
4-Chlorotoluene
Concen: 23.170 ug/l
RT: 12.798 min Scan# 1817
Delta R.T. 0.000 min
Lab File: VY020910.D
Acq: 23 Jan 2025 12:17

Tgt Ion: 91 Resp: 165530
Ion Ratio Lower Upper
91 100
126 34.8 17.3 51.7





#83

tert-Butylbenzene

Concen: 23.659 ug/l

RT: 13.017 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY020910.D

Acq: 23 Jan 2025 12:17

Instrument :

MSVOA_Y

ClientSampleId :

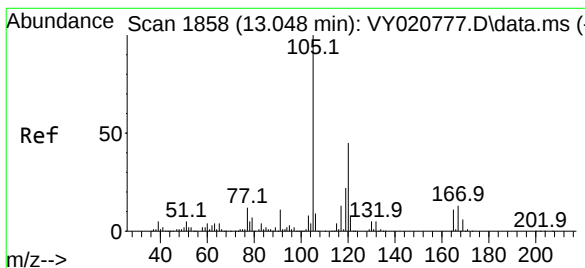
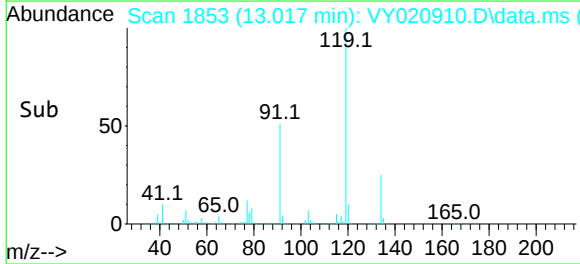
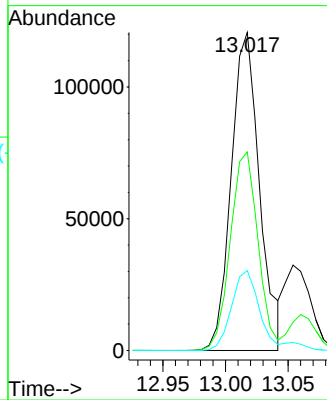
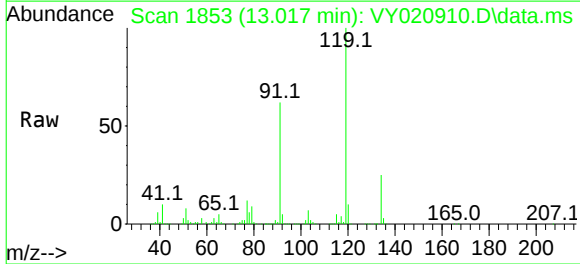
VY0123SBSD02

Tgt Ion:	119	Resp:	189935
Ion Ratio	Lower	Upper	
119	100		
91	61.1	33.0	98.9
134	26.2	13.7	41.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/24/2025
Supervised By :Mahesh Dadoda 01/24/2025



#84

1,2,4-Trimethylbenzene

Concen: 23.398 ug/l

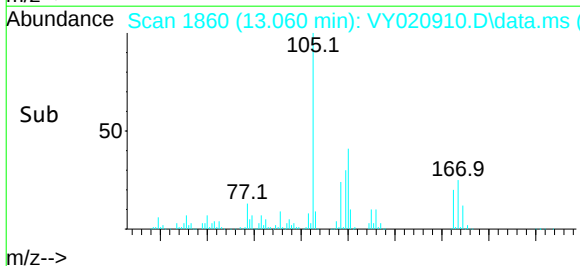
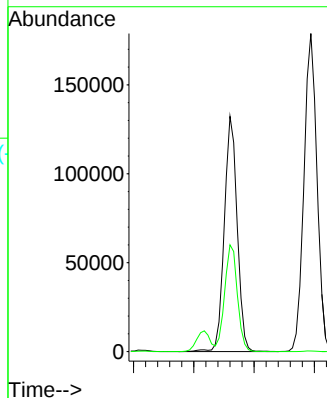
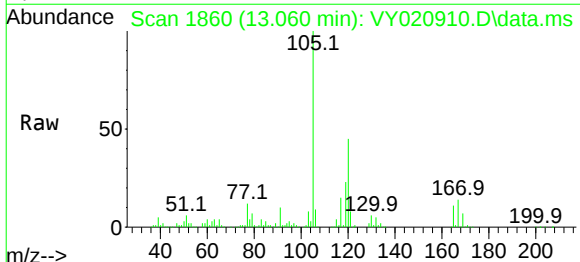
RT: 13.060 min Scan# 1860

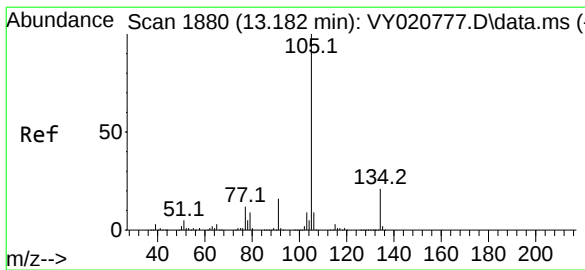
Delta R.T. -0.006 min

Lab File: VY020910.D

Acq: 23 Jan 2025 12:17

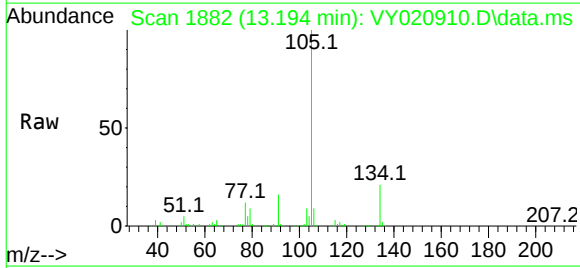
Tgt Ion:	105	Resp:	196116
Ion Ratio	Lower	Upper	
105	100		
120	44.8	22.4	67.2





#85
 sec-Butylbenzene
 Concen: 23.928 ug/l
 RT: 13.194 min Scan# 18
 Delta R.T. 0.000 min
 Lab File: VY020910.D
 Acq: 23 Jan 2025 12:17

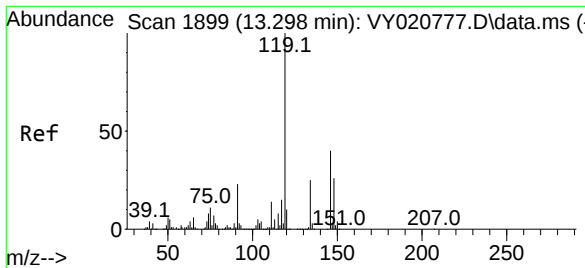
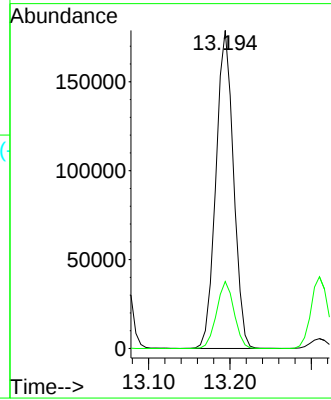
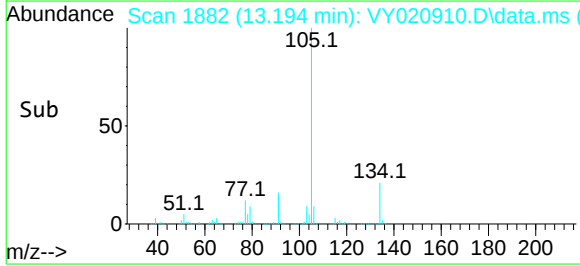
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0123SBS02



Tgt Ion:105 Resp: 268311
 Ion Ratio Lower Upper
 105 100
 134 21.0 10.5 31.5

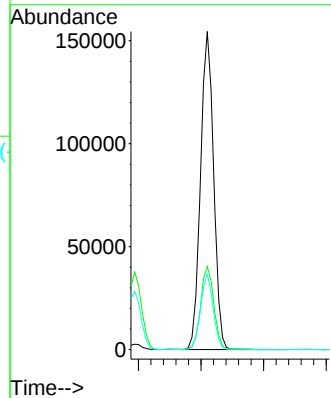
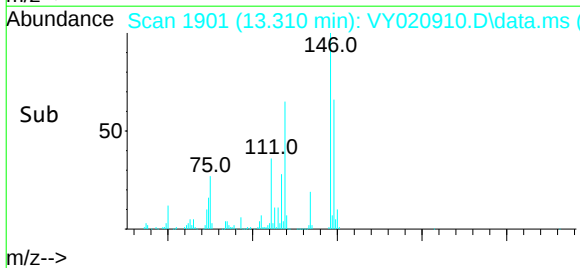
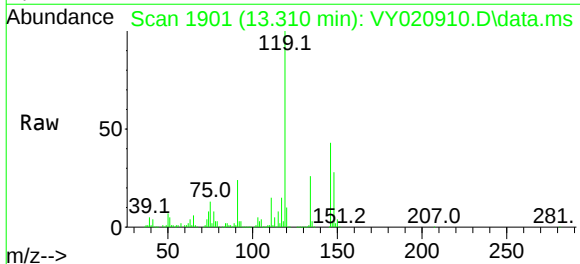
Manual Integrations
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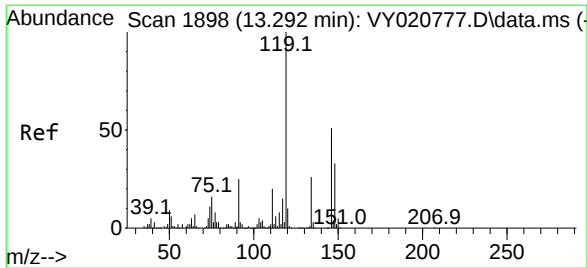
Reviewed By :Semsettin Yesilyurt 01/24/2025
 Supervised By :Mahesh Dadoda 01/24/2025



#86
 p-Isopropyltoluene
 Concen: 23.504 ug/l
 RT: 13.310 min Scan# 1901
 Delta R.T. 0.000 min
 Lab File: VY020910.D
 Acq: 23 Jan 2025 12:17

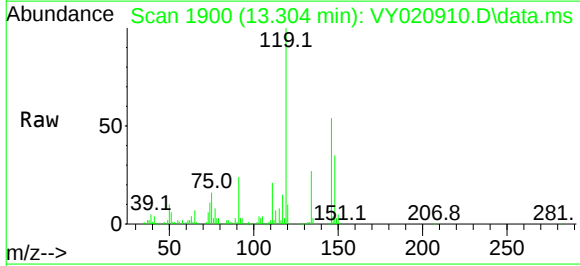
Tgt Ion:119 Resp: 224835
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.0 38.9
 91 23.1 11.8 35.3





#87
1,3-Dichlorobenzene
Concen: 23.007 ug/l
RT: 13.304 min Scan# 1912
Delta R.T. -0.006 min
Lab File: VY020910.D
Acq: 23 Jan 2025 12:17

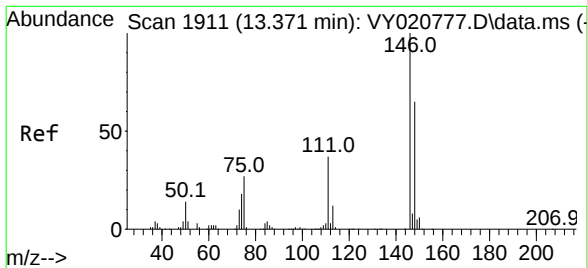
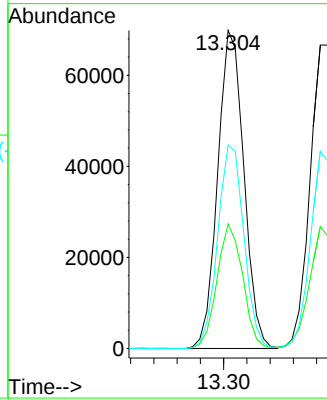
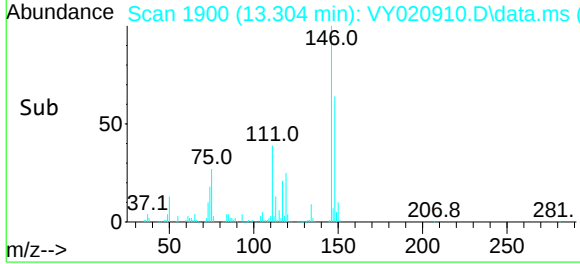
Instrument :
MSVOA_Y
ClientSampleId :
VY0123SBS02



Tgt Ion:146 Resp: 109162
Ion Ratio Lower Upper
146 100
111 38.4 19.5 58.5
148 64.3 31.8 95.4

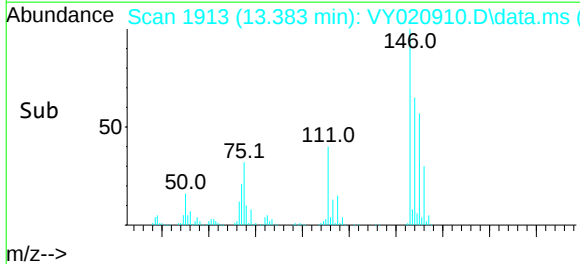
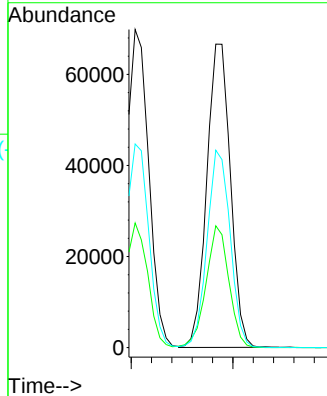
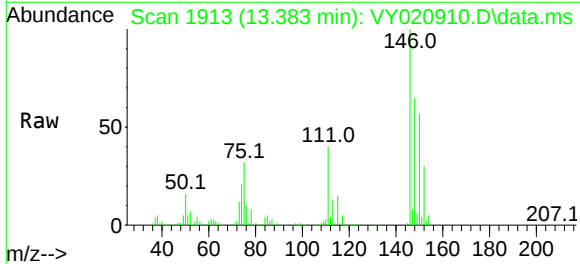
Manual Integrations
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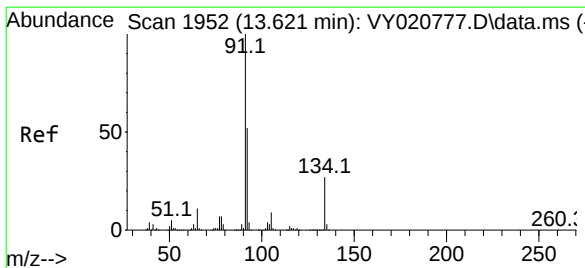
Reviewed By :Semsettin Yesilyurt 01/24/2025
Supervised By :Mahesh Dadoda 01/24/2025



#88
1,4-Dichlorobenzene
Concen: 23.047 ug/l
RT: 13.383 min Scan# 1913
Delta R.T. -0.006 min
Lab File: VY020910.D
Acq: 23 Jan 2025 12:17

Tgt Ion:146 Resp: 107638
Ion Ratio Lower Upper
146 100
111 38.8 19.1 57.3
148 63.5 32.1 96.5





#89

n-Butylbenzene

Concen: 23.826 ug/l

RT: 13.633 min Scan# 1952

Delta R.T. -0.006 min

Lab File: VY020910.D

Acq: 23 Jan 2025 12:17

Instrument :

MSVOA_Y

ClientSampleId :

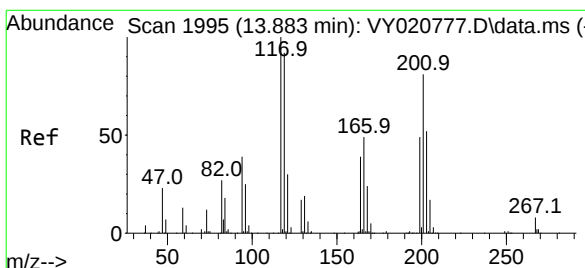
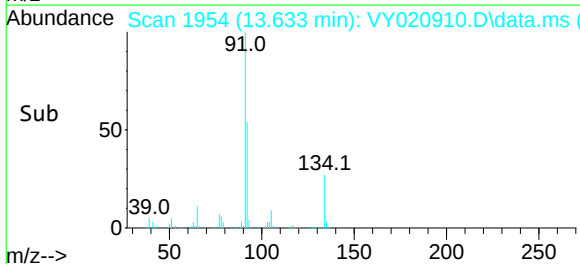
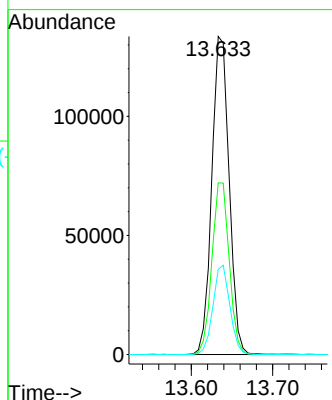
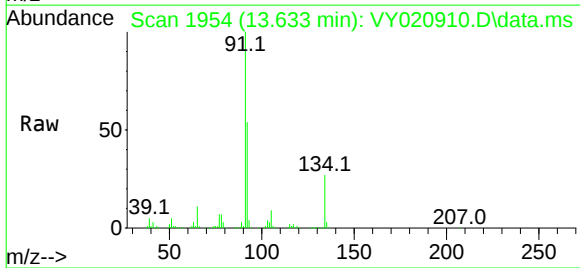
VY0123SBSD02

Tgt Ion:	91	Resp:	197724
Ion Ratio	Lower	Upper	
91	100		
92	53.8	26.5	79.4
134	27.3	13.8	41.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/24/2025
Supervised By :Mahesh Dadoda 01/24/2025



#90

Hexachloroethane

Concen: 23.234 ug/l

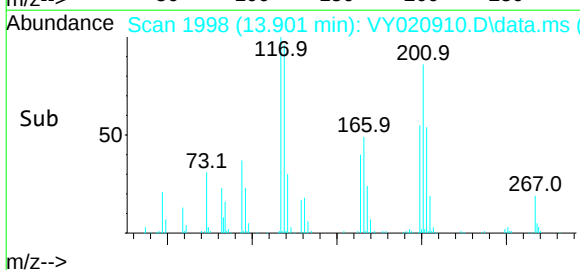
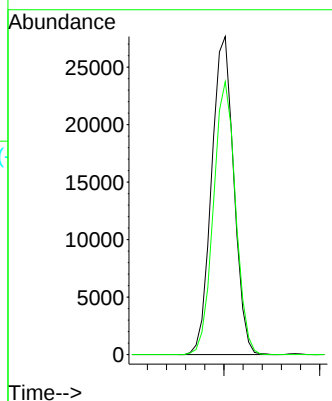
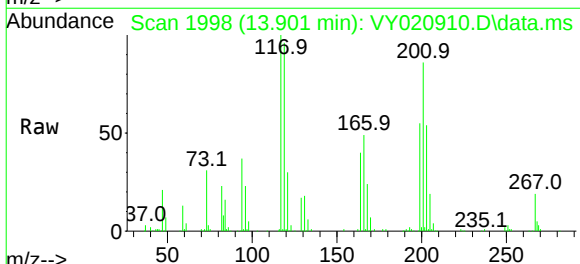
RT: 13.901 min Scan# 1998

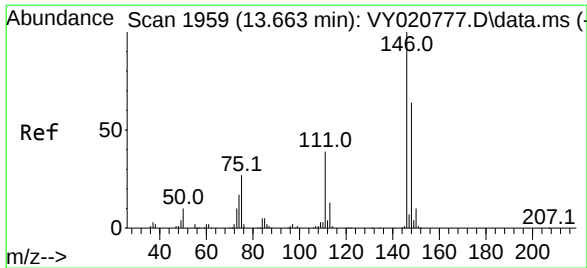
Delta R.T. 0.000 min

Lab File: VY020910.D

Acq: 23 Jan 2025 12:17

Tgt Ion:	117	Resp:	44628
Ion Ratio	Lower	Upper	
117	100		
201	85.3	42.9	128.7





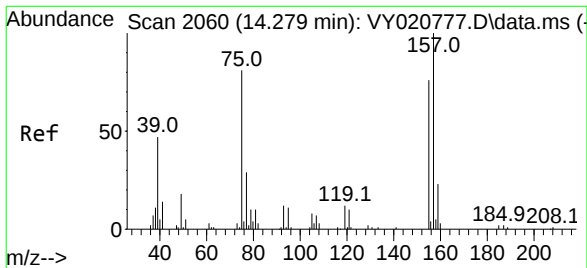
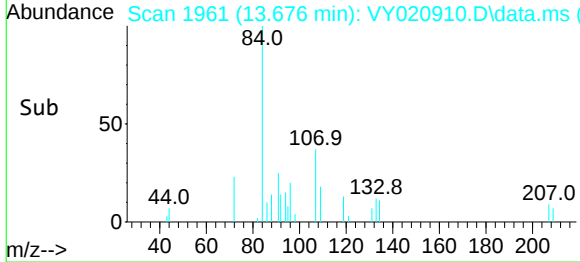
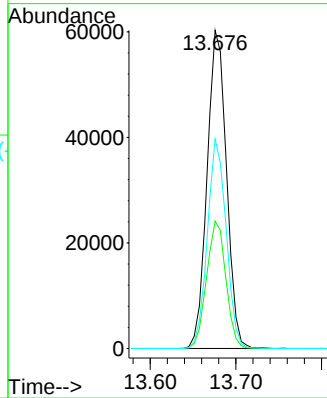
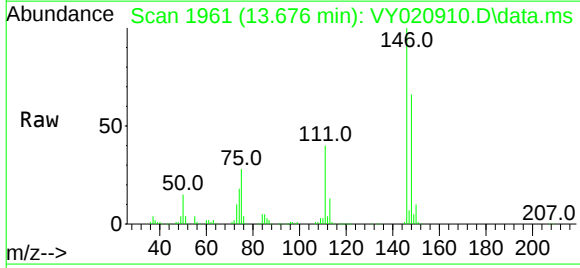
#91
1,2-Dichlorobenzene
Concen: 22.854 ug/l
RT: 13.676 min Scan# 1959
Delta R.T. -0.006 min
Lab File: VY020910.D
Acq: 23 Jan 2025 12:17

Instrument :
MSVOA_Y
ClientSampleId :
VY0123SBSD02

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.9	20.0	60.0
148	63.8	32.0	96.2

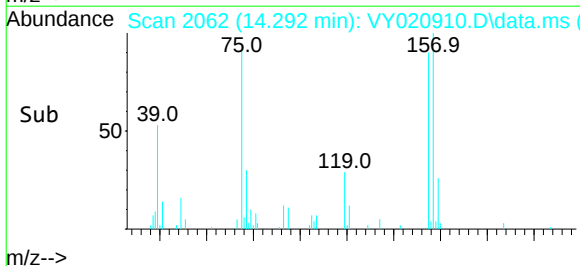
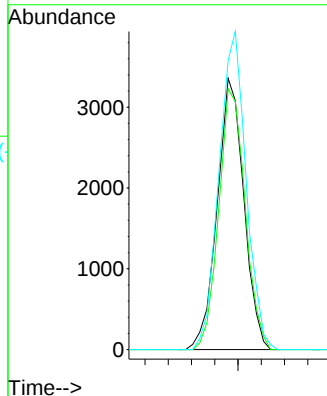
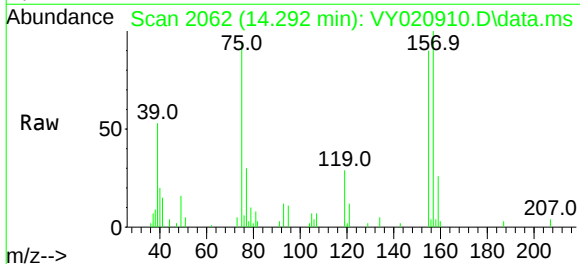
Manual Integrations
APPROVED

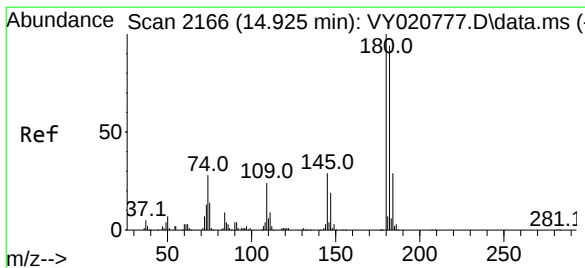
Reviewed By :Semsettin Yesilyurt 01/24/2025
Supervised By :Mahesh Dadoda 01/24/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.566 ug/l
RT: 14.292 min Scan# 2062
Delta R.T. -0.006 min
Lab File: VY020910.D
Acq: 23 Jan 2025 12:17

Tgt Ion	Ratio	Lower	Upper
75	100		
155	95.1	45.5	136.5
157	118.9	59.7	179.0





#93

1,2,4-Trichlorobenzene

Concen: 21.397 ug/l

RT: 14.938 min Scan# 21

Delta R.T. -0.006 min

Lab File: VY020910.D

Acq: 23 Jan 2025 12:17

Instrument :

MSVOA_Y

ClientSampleId :

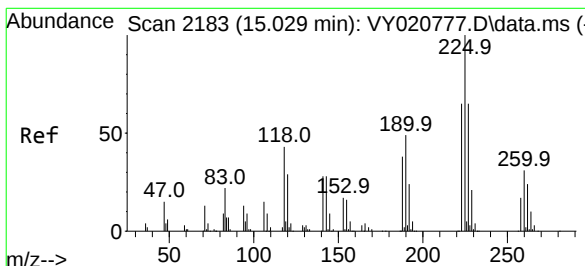
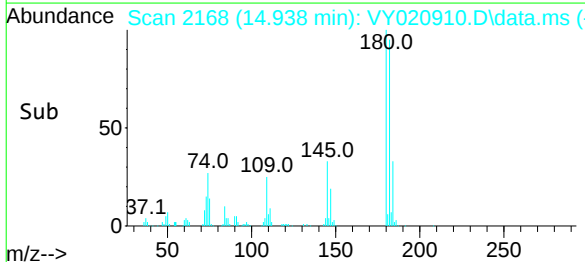
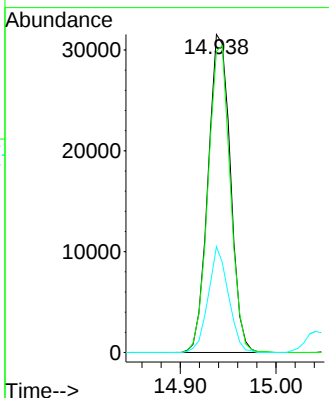
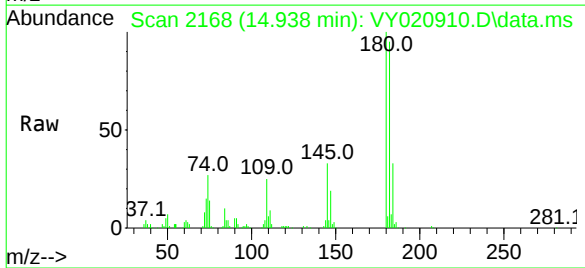
VY0123SBS02

Tgt Ion:	180	Resp:	51085
Ion Ratio	Lower	Upper	
180	100		
182	95.6	47.6	142.9
145	30.1	15.0	45.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/24/2025
Supervised By :Mahesh Dadoda 01/24/2025



#94

Hexachlorobutadiene

Concen: 23.392 ug/l

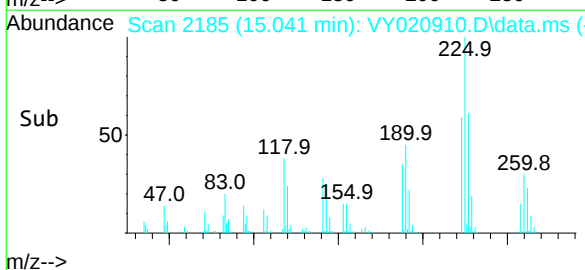
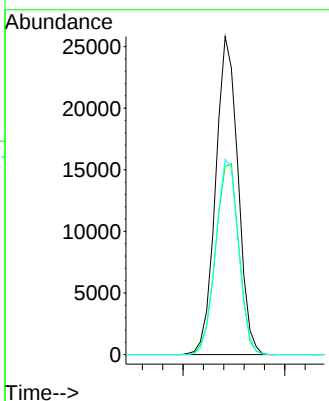
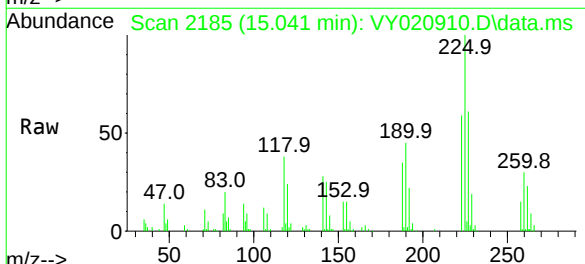
RT: 15.041 min Scan# 2185

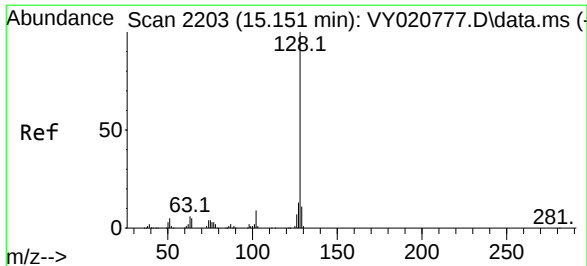
Delta R.T. -0.006 min

Lab File: VY020910.D

Acq: 23 Jan 2025 12:17

Tgt Ion:	225	Resp:	39371
Ion Ratio	Lower	Upper	
225	100		
223	62.8	31.6	94.8
227	62.7	32.2	96.6





#95

Naphthalene

Concen: 20.427 ug/l

RT: 15.163 min Scan# 2205

Delta R.T. -0.006 min

Lab File: VY020910.D

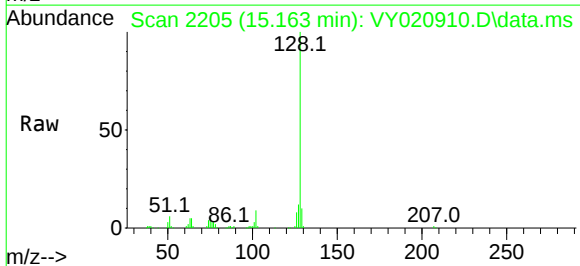
Acq: 23 Jan 2025 12:17

Instrument :

MSVOA_Y

ClientSampleId :

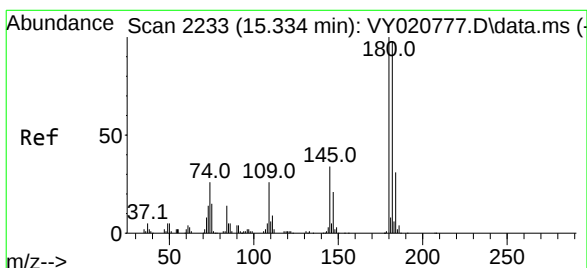
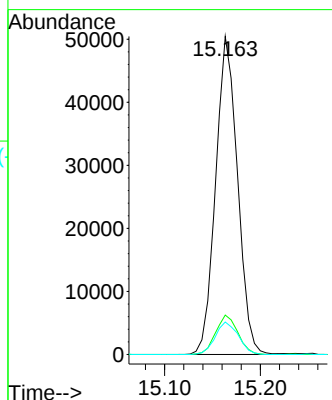
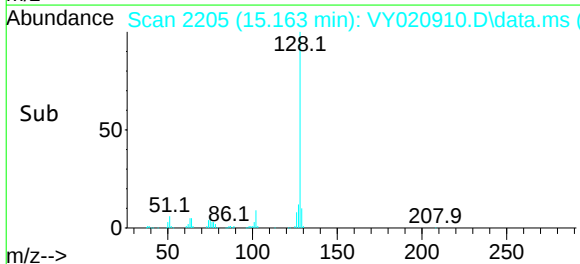
VY0123SBS02



Tgt Ion:	128	Resp:	80264
Ion Ratio	Lower	Upper	
128	100		
127	12.5	10.5	15.7
129	10.8	8.6	12.8

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 01/24/2025
Supervised By :Mahesh Dadoda 01/24/2025



#96

1,2,3-Trichlorobenzene

Concen: 20.917 ug/l

RT: 15.352 min Scan# 2236

Delta R.T. 0.000 min

Lab File: VY020910.D

Acq: 23 Jan 2025 12:17

Tgt Ion:	180	Resp:	41838
Ion Ratio	Lower	Upper	
180	100		
182	96.9	48.1	144.3
145	31.7	16.1	48.2

