

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092024\
 Data File : VY019637.D
 Acq On : 20 Sep 2024 11:47
 Operator : SY/MD
 Sample : VY0920SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0920SBS01

Quant Time: Sep 20 15:22:45 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 09 16:00:30 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 09/23/2024
 Supervised By :Semsettin Yesilyurt 09/23/2024

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

Internal Standards						
1) Pentafluorobenzene	7.701	168	390327	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.610	114	667193	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	569649	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	269756	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	208260	57.620	ug/l	0.00
Spiked Amount 50.000	Range 50	- 163	Recovery	=	115.240%	
35) Dibromofluoromethane	7.628	113	203593	53.820	ug/l	0.00
Spiked Amount 50.000	Range 54	- 147	Recovery	=	107.640%	
50) Toluene-d8	10.103	98	744211	53.189	ug/l	0.00
Spiked Amount 50.000	Range 58	- 134	Recovery	=	106.380%	
62) 4-Bromofluorobenzene	12.408	95	269539	50.100	ug/l	0.00
Spiked Amount 50.000	Range 29	- 146	Recovery	=	100.200%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.867	85	53055	22.627	ug/l	99
3) Chloromethane	2.068	50	65316	20.225	ug/l	99
4) Vinyl Chloride	2.208	62	75998	21.763	ug/l	100
5) Bromomethane	2.592	94	55768	25.999	ug/l	99
6) Chloroethane	2.733	64	52025	22.790	ug/l	95
7) Trichlorofluoromethane	3.056	101	124993	21.473	ug/l	93
8) Diethyl Ether	3.452	74	39154	20.038	ug/l	87
9) 1,1,2-Trichlorotrifluo...	3.812	101	75284	20.907	ug/l	97
10) Methyl Iodide	4.001	142	79901	17.307	ug/l	92
11) Tert butyl alcohol	4.854	59	39495	135.309	ug/l	# 83
12) 1,1-Dichloroethene	3.787	96	68295	19.721	ug/l	89
13) Acrolein	3.647	56	17738	118.707	ug/l	98
14) Allyl chloride	4.379	41	115864	18.657	ug/l	# 92
15) Acrylonitrile	5.055	53	86891	103.133	ug/l	97
16) Acetone	3.873	43	101122	117.438	ug/l	# 87
17) Carbon Disulfide	4.098	76	154338	16.495	ug/l	100
18) Methyl Acetate	4.385	43	41310	17.678	ug/l	93
19) Methyl tert-butyl Ether	5.110	73	201740	20.569	ug/l	99
20) Methylene Chloride	4.610	84	83369	21.230	ug/l	88
21) trans-1,2-Dichloroethene	5.104	96	71314	18.788	ug/l	89
22) Diisopropyl ether	6.013	45	257441	20.187	ug/l	93
23) Vinyl Acetate	5.952	43	747774	102.655	ug/l	94
24) 1,1-Dichloroethane	5.909	63	145307	20.305	ug/l	98
25) 2-Butanone	6.890	43	135975	111.032	ug/l	# 87
26) 2,2-Dichloropropane	6.878	77	135655	21.015	ug/l	97
27) cis-1,2-Dichloroethene	6.884	96	93136	20.199	ug/l	89
28) Bromochloromethane	7.238	49	58608	19.465	ug/l	86
29) Tetrahydrofuran	7.256	42	75796	101.793	ug/l	86
30) Chloroform	7.415	83	154793	21.189	ug/l	96
31) Cyclohexane	7.695	56	120704	18.660	ug/l	92
32) 1,1,1-Trichloroethane	7.610	97	134818	20.589	ug/l	95
36) 1,1-Dichloropropene	7.829	75	101675	19.753	ug/l	97
37) Ethyl Acetate	6.976	43	54103	20.514	ug/l	97
38) Carbon Tetrachloride	7.811	117	118030	20.334	ug/l	99
39) Methylcyclohexane	9.103	83	130620	19.068	ug/l	# 90
40) Benzene	8.073	78	317435	20.022	ug/l	96

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.214	41	32320	21.023	ug/l #	86
42) 1,2-Dichloroethane	8.152	62	90346	21.177	ug/l	96
43) Isopropyl Acetate	8.189	43	110978	20.029	ug/l #	81
44) Trichloroethene	8.860	130	79843	19.582	ug/l	95
45) 1,2-Dichloropropane	9.140	63	77600	20.021	ug/l	99
46) Dibromomethane	9.231	93	44188	20.848	ug/l	94
47) Bromodichloromethane	9.420	83	119019	20.889	ug/l	98
48) Methyl methacrylate	9.219	41	50767	19.402	ug/l #	84
49) 1,4-Dioxane	9.231	88	10445	418.604	ug/l #	77
51) 4-Methyl-2-Pentanone	10.000	43	278507	99.909	ug/l	92
52) Toluene	10.170	92	203896	19.997	ug/l	99
53) t-1,3-Dichloropropene	10.390	75	107772	19.843	ug/l	99
54) cis-1,3-Dichloropropene	9.853	75	122934	19.438	ug/l #	86
55) 1,1,2-Trichloroethane	10.573	97	61214	20.913	ug/l	97
56) Ethyl methacrylate	10.439	69	87750	19.735	ug/l #	83
57) 1,3-Dichloropropane	10.719	76	104379	20.746	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.707	63	198691	96.279	ug/l	98
59) 2-Hexanone	10.762	43	208487	102.015	ug/l	90
60) Dibromochloromethane	10.908	129	79454	20.520	ug/l	99
61) 1,2-Dibromoethane	11.012	107	55112	20.208	ug/l	99
64) Tetrachloroethene	10.646	164	69077	19.582	ug/l	92
65) Chlorobenzene	11.438	112	227490	20.302	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.518	131	77665	20.018	ug/l	98
67) Ethyl Benzene	11.518	91	404392	20.311	ug/l	99
68) m/p-Xylenes	11.627	106	298713	39.678	ug/l	92
69) o-Xylene	11.957	106	145753	19.796	ug/l	94
70) Styrene	11.969	104	249122	20.041	ug/l	97
71) Bromoform	12.133	173	44349	20.014	ug/l #	98
73) Isopropylbenzene	12.255	105	395916	20.231	ug/l	99
74) N-amyl acetate	12.072	43	101221	19.018	ug/l	89
75) 1,1,2,2-Tetrachloroethane	12.505	83	72806	20.960	ug/l	100
76) 1,2,3-Trichloropropane	12.554	75	50998m	20.170	ug/l	
77) Bromobenzene	12.530	156	85676	19.740	ug/l	89
78) n-propylbenzene	12.597	91	475720	20.509	ug/l	99
79) 2-Chlorotoluene	12.682	91	273166	20.208	ug/l	95
80) 1,3,5-Trimethylbenzene	12.737	105	321783	20.226	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.304	75	24560	18.647	ug/l	92
82) 4-Chlorotoluene	12.780	91	283969	20.433	ug/l	95
83) tert-Butylbenzene	12.999	119	302904	21.031	ug/l	97
84) 1,2,4-Trimethylbenzene	13.042	105	316290	20.084	ug/l	97
85) sec-Butylbenzene	13.176	105	437401	20.905	ug/l	99
86) p-Isopropyltoluene	13.292	119	354122	20.686	ug/l	97
87) 1,3-Dichlorobenzene	13.286	146	172608	20.466	ug/l	98
88) 1,4-Dichlorobenzene	13.365	146	169163	20.211	ug/l	97
89) n-Butylbenzene	13.615	91	340610	20.813	ug/l	99
90) Hexachloroethane	13.877	117	71495	20.072	ug/l	92
91) 1,2-Dichlorobenzene	13.657	146	152631	20.280	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.273	75	11240	19.416	ug/l	81
93) 1,2,4-Trichlorobenzene	14.919	180	85811	18.747	ug/l	98
94) Hexachlorobutadiene	15.023	225	47291	19.339	ug/l	98
95) Naphthalene	15.145	128	165821	18.090	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	70861	18.098	ug/l	98

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ClientSampleId :
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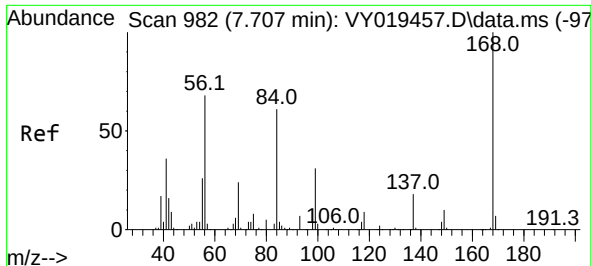
Manual Integrations
APPROVED

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Supervised By :Semsettin Yesilyurt 09/23/2024

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Quant Title : SW846 8260
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Response via : Initial Calibration

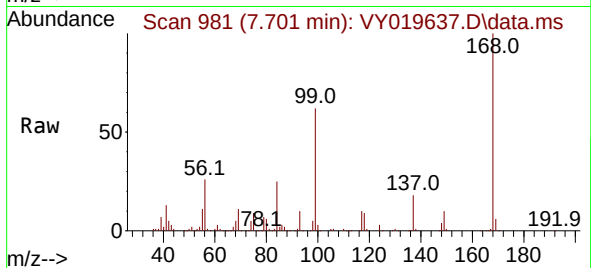
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 90
Delta R.T. -0.006 min
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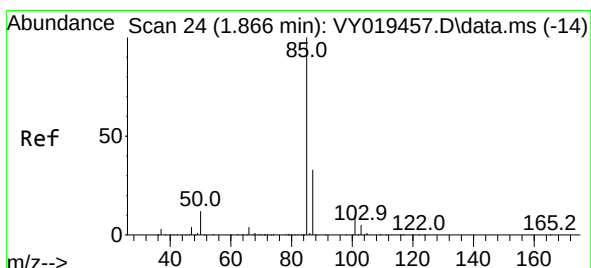
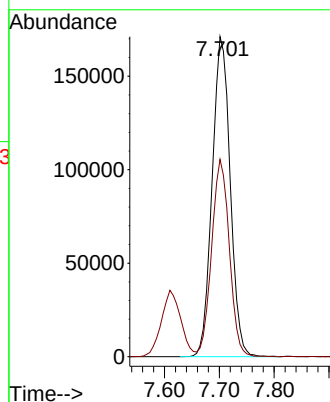
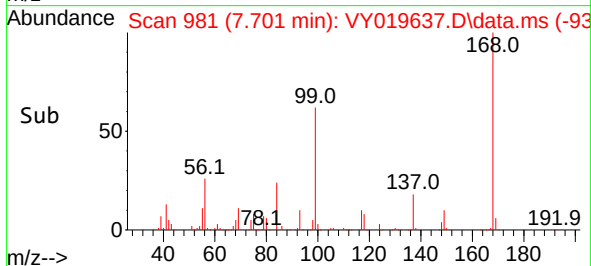
Instrument :
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ClientSampleId :
VY0920SBS01



Tgt Ion:168 Resp: 39032
Ion Ratio Lower Upper
168 100
99 61.7 39.1 58.7

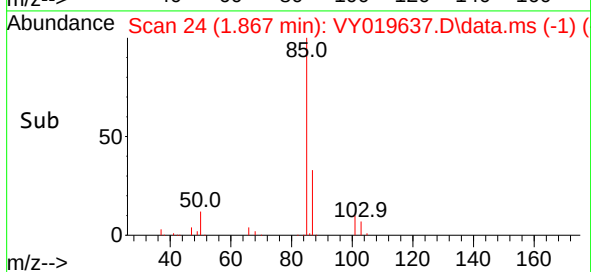
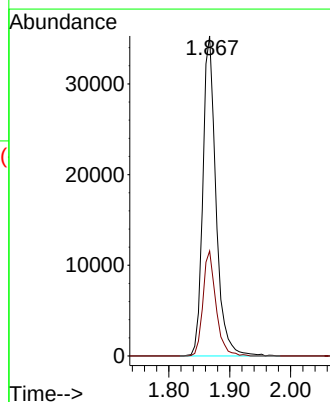
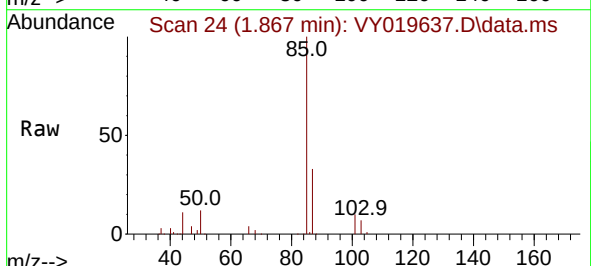
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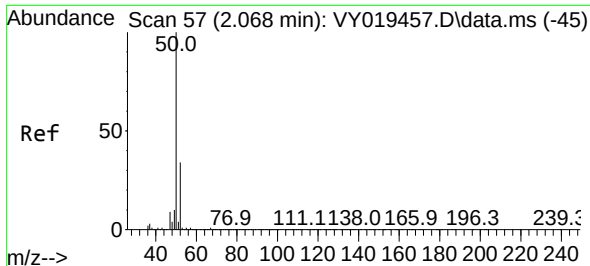
Reviewed By :Mahesh Dadoda 09/23/2024
Supervised By :Semsettin Yesilyurt 09/23/2024



#2
Dichlorodifluoromethane
Concen: 22.627 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.001 min
Lab File: VY019637.D
Acq: 20 Sep 2024 11:47

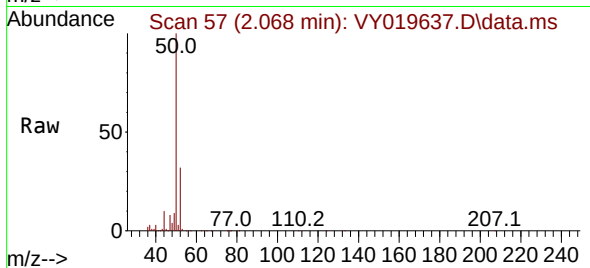
Tgt Ion: 85 Resp: 53055
Ion Ratio Lower Upper
85 100
87 32.8 16.0 48.0





#3
Chloromethane
Concen: 20.225 ug/l
RT: 2.068 min Scan# 57
Delta R.T. 0.000 min
Lab File: VY019637.D
Acq: 20 Sep 2024 11:47

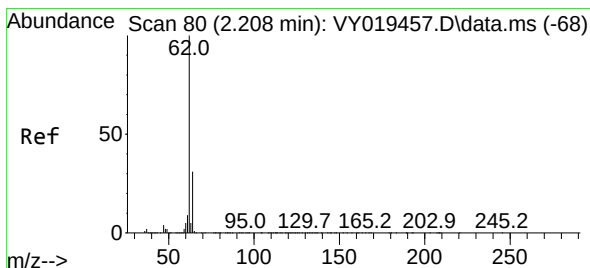
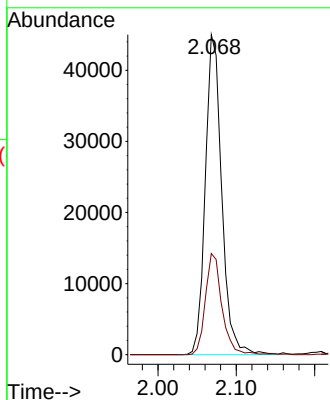
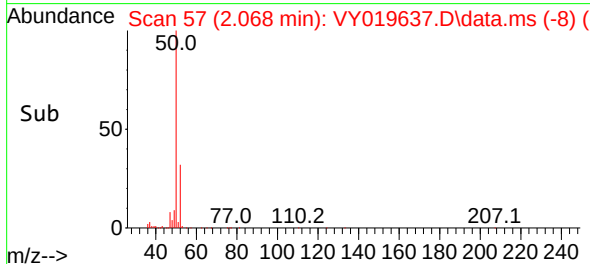
Instrument :
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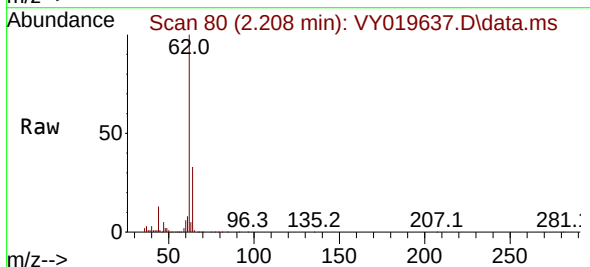
Tgt Ion: 50 Resp: 65310
Ion Ratio Lower Upper
50 100
52 31.6 25.6 38.4

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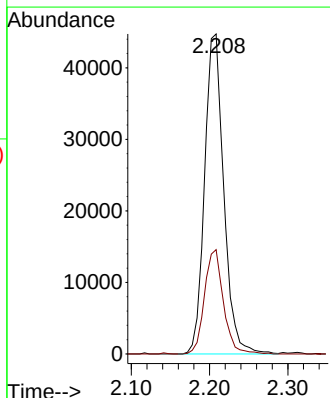
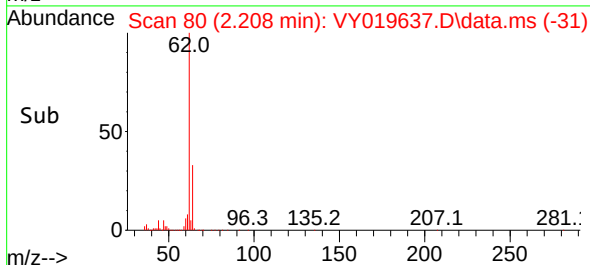
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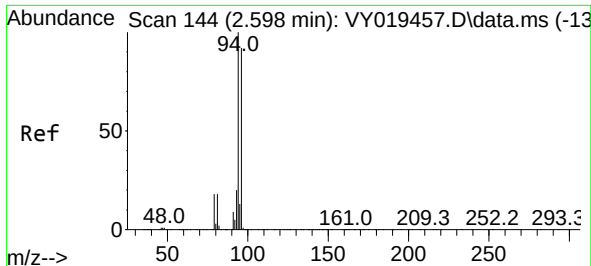


#4
Vinyl Chloride
Concen: 21.763 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.000 min
Lab File: VY019637.D
Acq: 20 Sep 2024 11:47



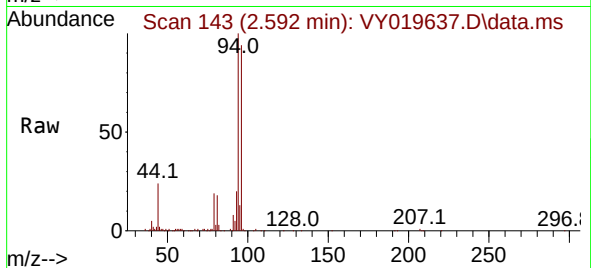
Tgt Ion: 62 Resp: 75998
Ion Ratio Lower Upper
62 100
64 32.6 26.1 39.1





#5
Bromomethane
Concen: 25.999 ug/l
RT: 2.592 min Scan# 144
Delta R.T. -0.006 min
Lab File: VY019637.D
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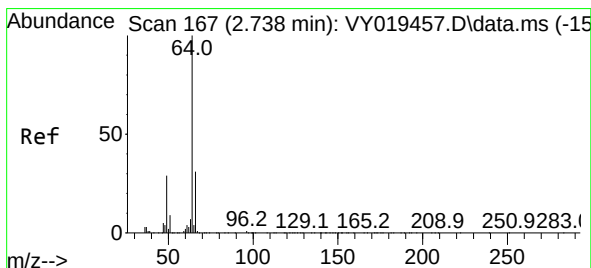
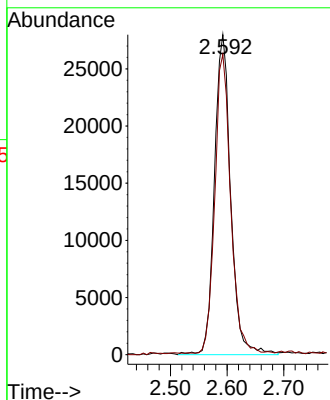
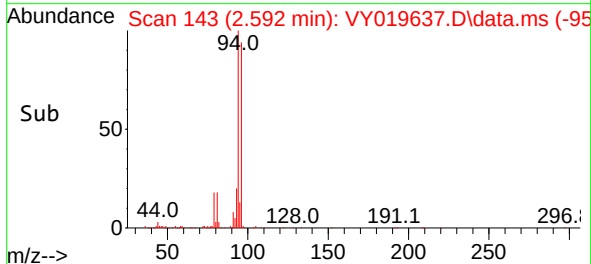
Instrument :
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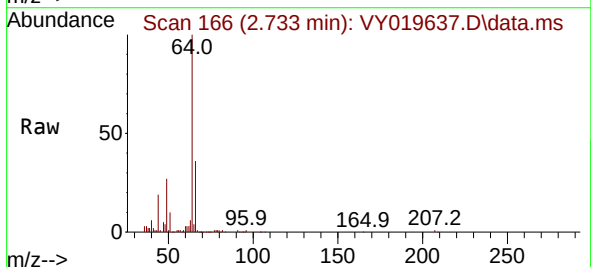
Tgt Ion: 94 Resp: 55768
Ion Ratio Lower Upper
94 100
96 93.3 74.1 111.1

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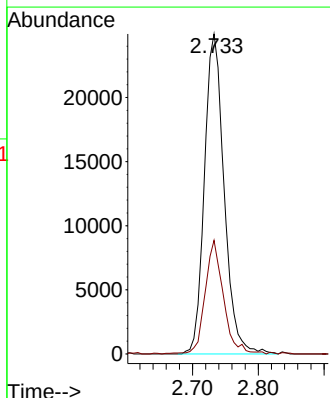
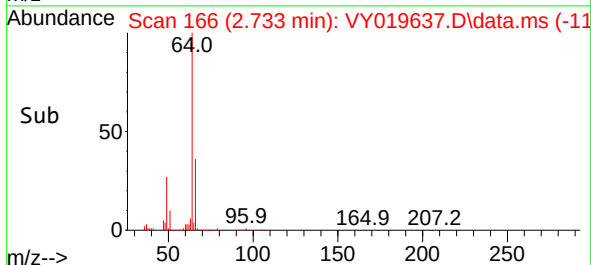
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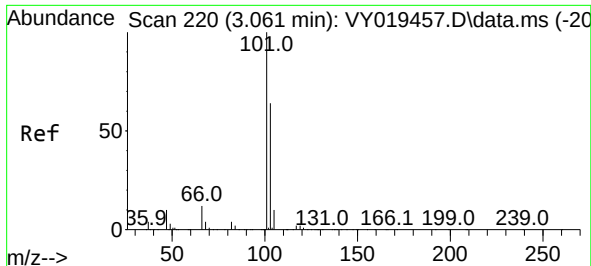


#6
Chloroethane
Concen: 22.790 ug/l
RT: 2.733 min Scan# 166
Delta R.T. -0.006 min
Lab File: VY019637.D
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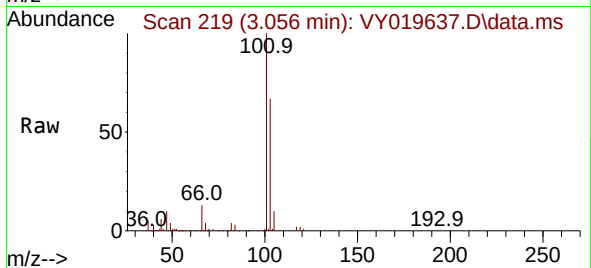
Tgt Ion: 64 Resp: 52025
Ion Ratio Lower Upper
64 100
66 35.5 26.1 39.1





#7
 Trichlorofluoromethane
 Concen: 21.473 ug/l
 RT: 3.056 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VY019637.D
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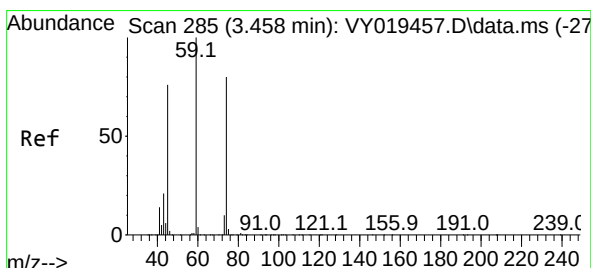
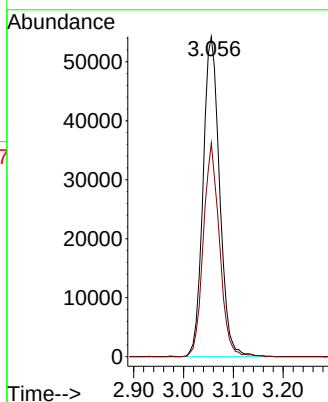
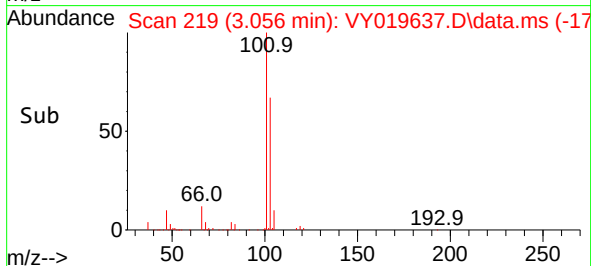
Instrument :
 MSVOA_Y
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 VY0920SBS01



Tgt Ion:101 Resp: 12499
 Ion Ratio Lower Upper
 101 100
 103 66.8 49.3 73.9

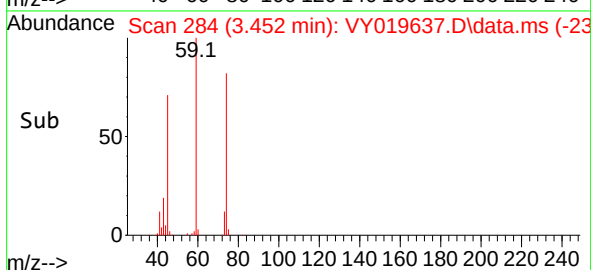
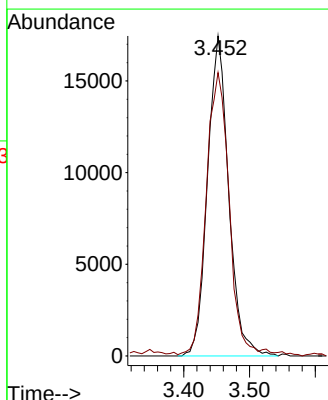
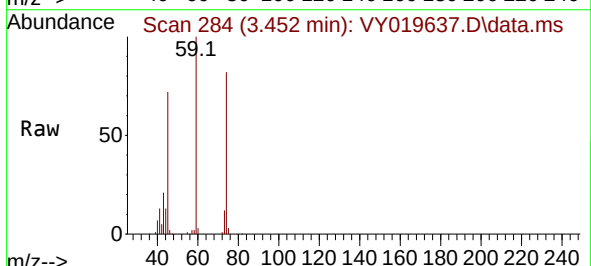
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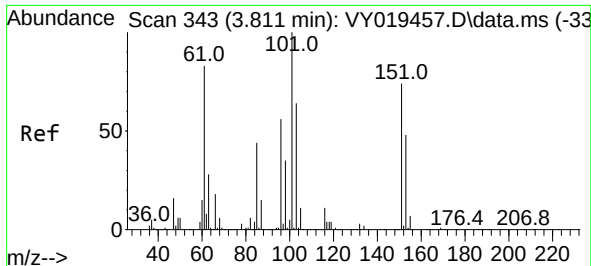
Reviewed By :Mahesh Dadoda 09/23/2024
 Supervised By :Semsettin Yesilyurt 09/23/2024



#8
 Diethyl Ether
 Concen: 20.038 ug/l
 RT: 3.452 min Scan# 284
 Delta R.T. -0.006 min
 Lab File: VY019637.D
 Acq: 20 Sep 2024 11:47

Tgt Ion: 74 Resp: 39154
 Ion Ratio Lower Upper
 74 100
 45 94.6 41.3 124.1





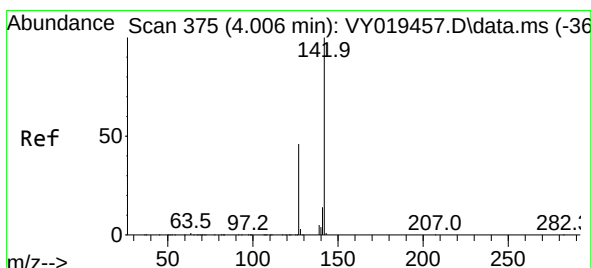
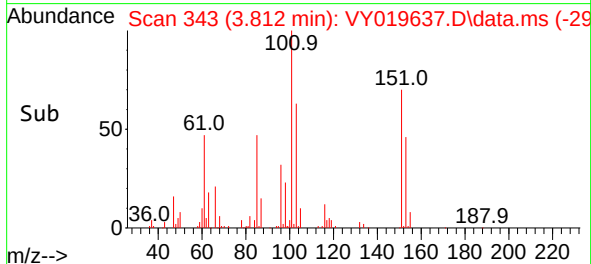
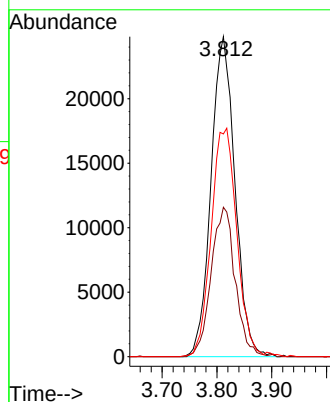
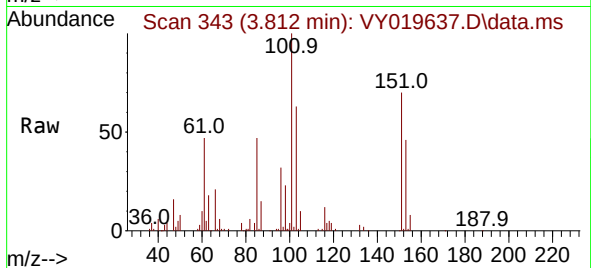
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.907 ug/l
RT: 3.812 min Scan# 34
Delta R.T. 0.000 min
Lab File: VY019637.D
Acq: 20 Sep 2024 11:47

Instrument :
MSVOA_Y
ClientSampleId :
VY0920SBS01

Tgt Ion:101 Resp: 75284
Ion Ratio Lower Upper
101 100
85 46.8 34.5 51.7
151 76.2 61.7 92.5

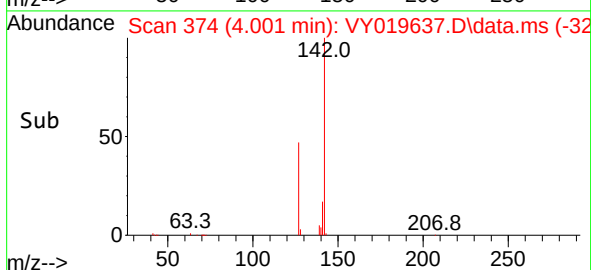
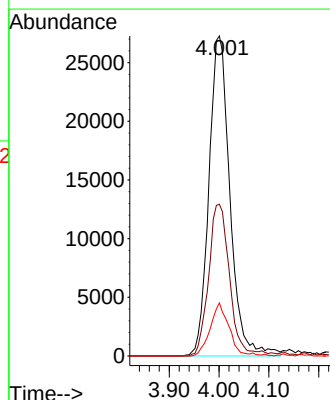
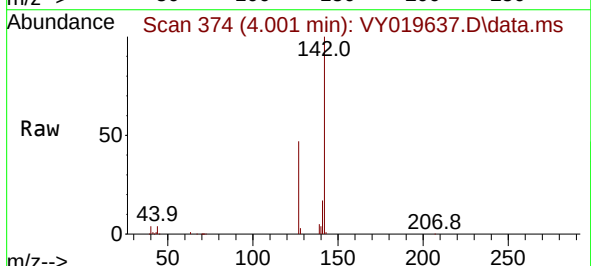
Manual Integrations
APPROVED

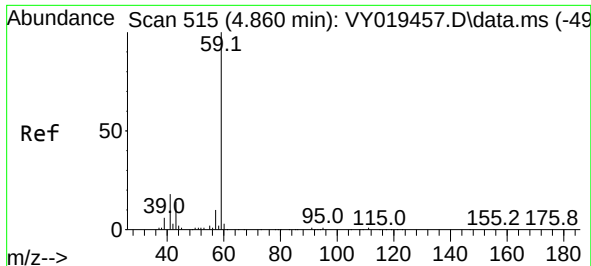
Reviewed By :Mahesh Dadoda 09/23/2024
Supervised By :Semsettin Yesilyurt 09/23/2024



#10
Methyl Iodide
Concen: 17.307 ug/l
RT: 4.001 min Scan# 374
Delta R.T. -0.006 min
Lab File: VY019637.D
Acq: 20 Sep 2024 11:47

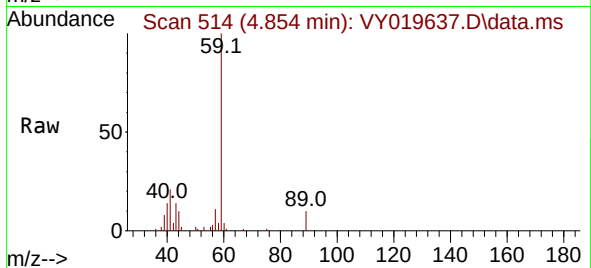
Tgt Ion:142 Resp: 79901
Ion Ratio Lower Upper
142 100
127 47.5 32.8 49.2
141 15.0 11.4 17.2





#11
Tert butyl alcohol
Concen: 135.309 ug/l
RT: 4.854 min Scan# 515
Delta R.T. -0.006 min
Lab File: VY019637.D
Acq: 20 Sep 2024 11:47

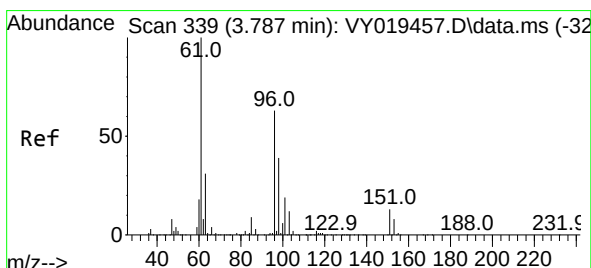
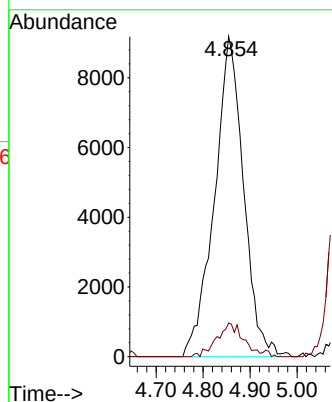
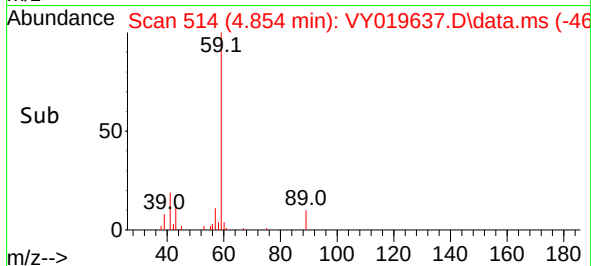
Instrument :
MSVOA_Y
ClientSampleId :
VY0920SBS01



Tgt Ion: 59 Resp: 39495
Ion Ratio Lower Upper
59 100
57 9.5 3.0 4.6

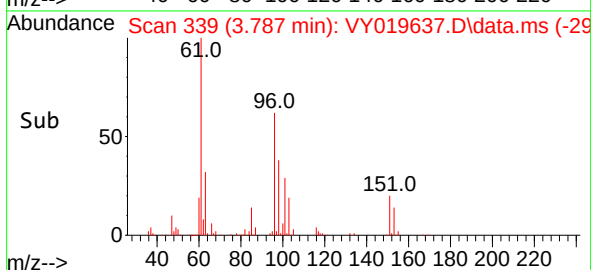
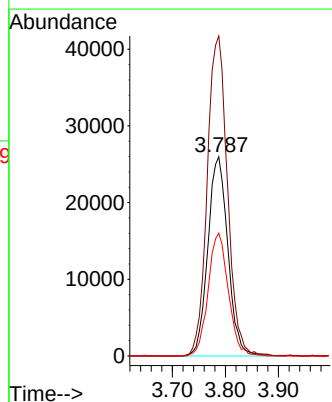
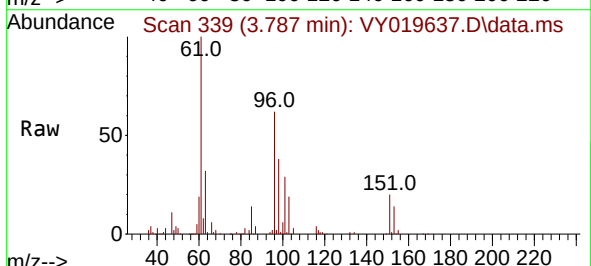
Manual Integrations
APPROVED

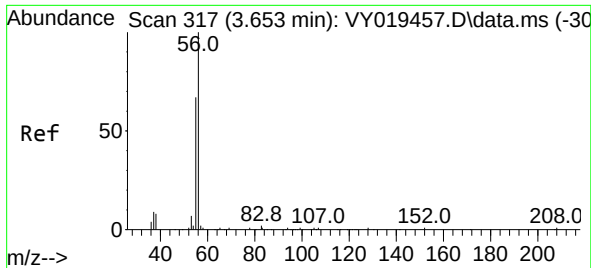
Reviewed By :Mahesh Dadoda 09/23/2024
Supervised By :Semsettin Yesilyurt 09/23/2024



#12
1,1-Dichloroethene
Concen: 19.721 ug/l
RT: 3.787 min Scan# 339
Delta R.T. 0.000 min
Lab File: VY019637.D
Acq: 20 Sep 2024 11:47

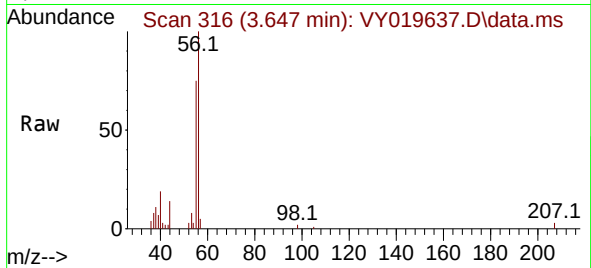
Tgt Ion: 96 Resp: 68295
Ion Ratio Lower Upper
96 100
61 160.7 114.6 171.8
98 61.7 50.8 76.2





#13
Acrolein
Concen: 118.707 ug/l
RT: 3.647 min Scan# 317
Delta R.T. -0.006 min
Lab File: VY019637.D
Acq: 20 Sep 2024 11:47

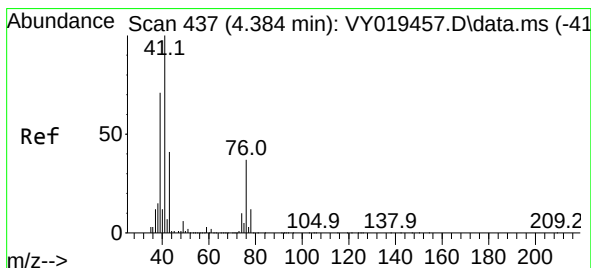
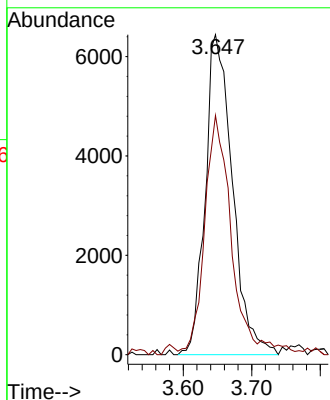
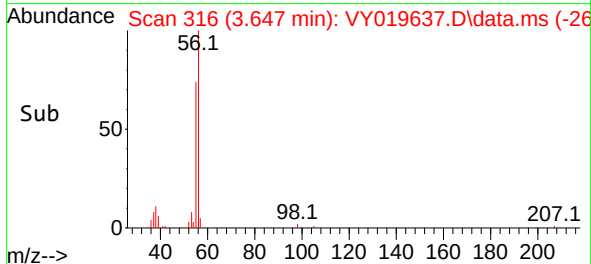
Instrument : MSVOA_Y
ClientSampleId : VY0920SBS01



Tgt Ion: 56 Resp: 17738
Ion Ratio Lower Upper
56 100
55 68.0 55.7 83.5

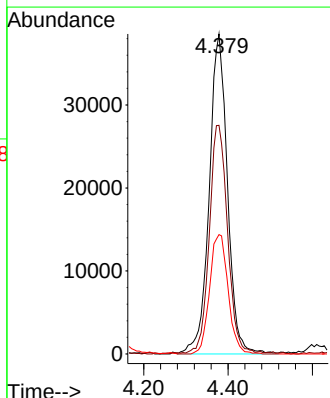
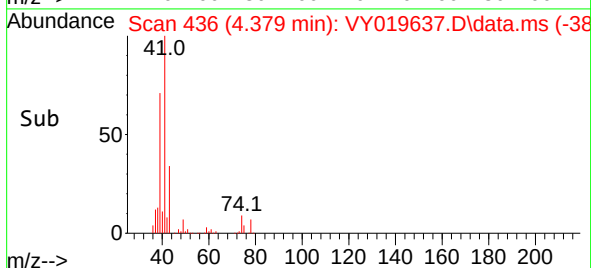
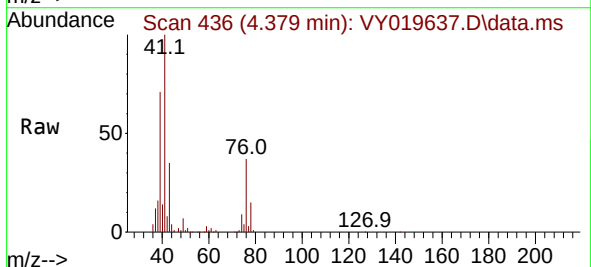
Manual Integrations
APPROVED

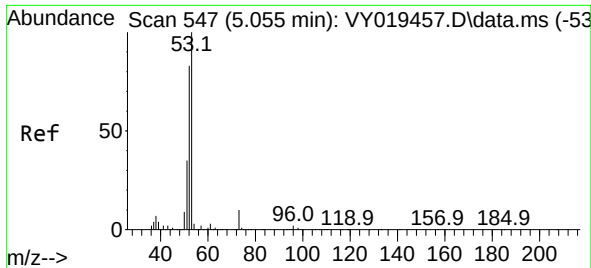
Reviewed By :Mahesh Dadoda 09/23/2024
Supervised By :Semsettin Yesilyurt 09/23/2024



#14
Allyl chloride
Concen: 18.657 ug/l
RT: 4.379 min Scan# 436
Delta R.T. -0.006 min
Lab File: VY019637.D
Acq: 20 Sep 2024 11:47

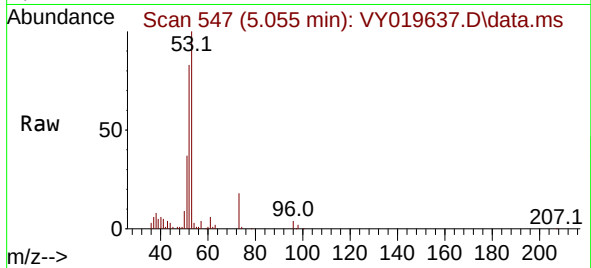
Tgt Ion: 41 Resp: 115864
Ion Ratio Lower Upper
41 100
39 70.6 58.3 87.5
76 37.8 39.0 58.6





#15
Acrylonitrile
Concen: 103.133 ug/l
RT: 5.055 min Scan# 547
Delta R.T. 0.000 min
Lab File: VY019637.D
Acq: 20 Sep 2024 11:47

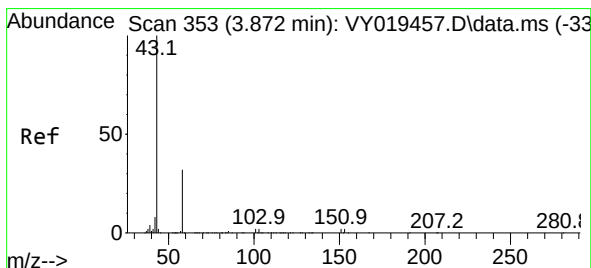
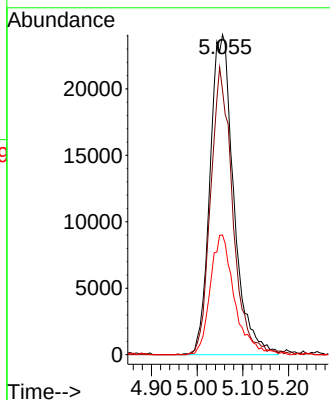
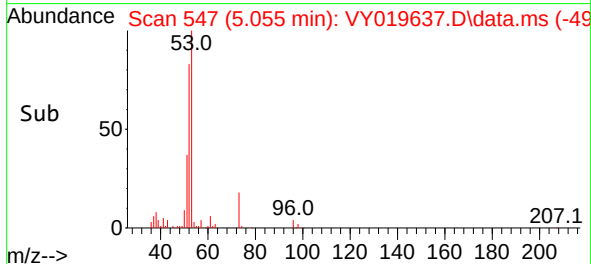
Instrument :
MSVOA_Y
ClientSampleId :
VY0920SBS01



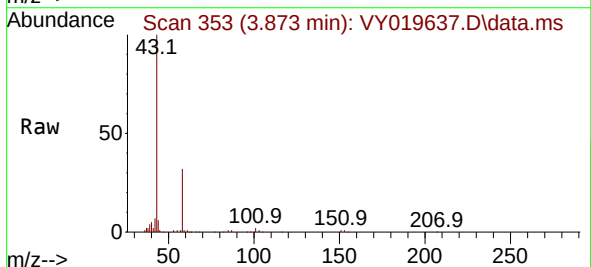
Tgt Ion: 53 Resp: 8689
Ion Ratio Lower Upper
53 100
52 83.3 64.7 97.1
51 38.4 28.4 42.6

Manual Integrations
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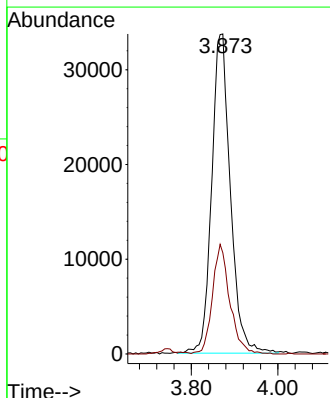
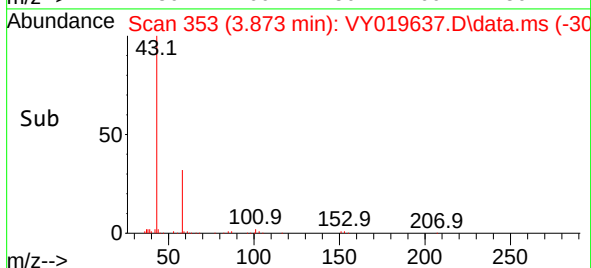
Reviewed By :Mahesh Dadoda 09/23/2024
Supervised By :Semsettin Yesilyurt 09/23/2024

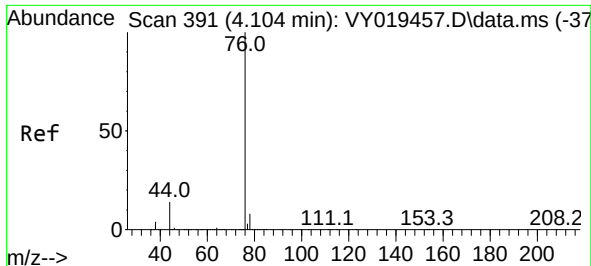


#16
Acetone
Concen: 117.438 ug/l
RT: 3.873 min Scan# 353
Delta R.T. 0.000 min
Lab File: VY019637.D
Acq: 20 Sep 2024 11:47



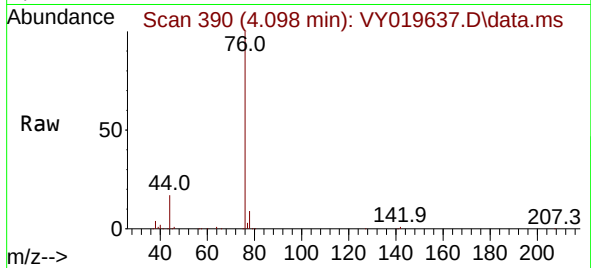
Tgt Ion: 43 Resp: 101122
Ion Ratio Lower Upper
43 100
58 31.7 31.7 47.5#





#17
Carbon Disulfide
Concen: 16.495 ug/l
RT: 4.098 min Scan# 391
Delta R.T. -0.006 min
Lab File: VY019637.D
Acq: 20 Sep 2024 11:47

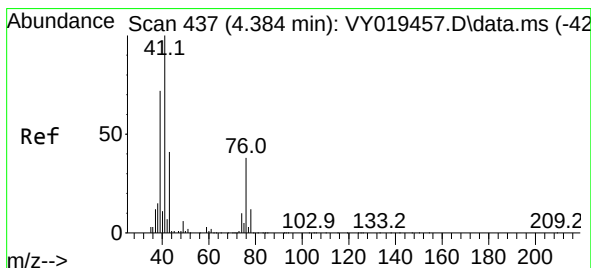
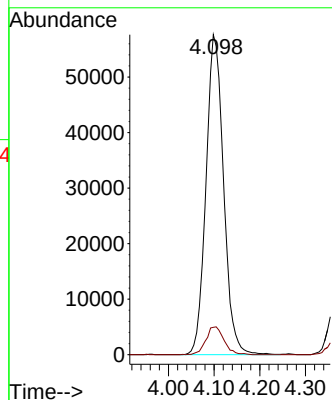
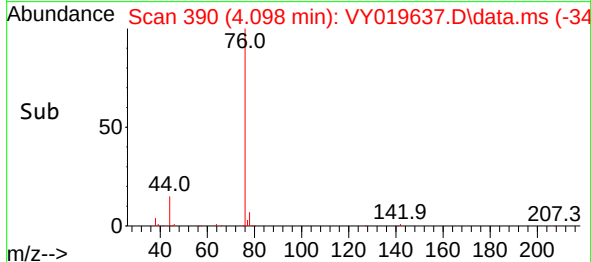
Instrument :
MSVOA_Y
ClientSampleId :
VY0920SBS01



Tgt Ion: 76 Resp: 154338
Ion Ratio Lower Upper
76 100
78 8.6 6.8 10.2

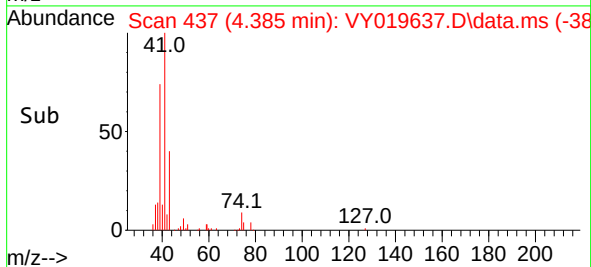
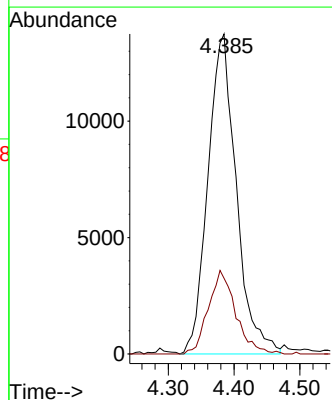
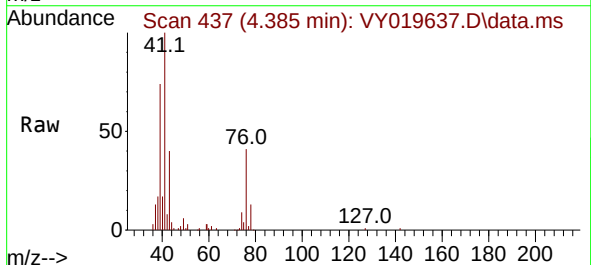
Manual Integrations
APPROVED

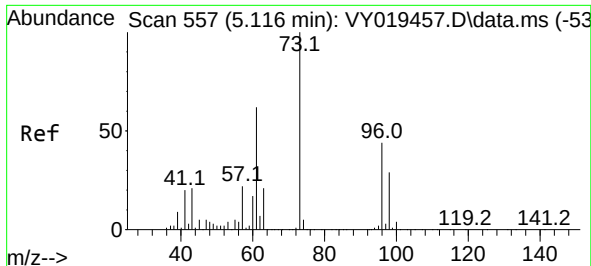
Reviewed By :Mahesh Dadoda 09/23/2024
Supervised By :Semsettin Yesilyurt 09/23/2024



#18
Methyl Acetate
Concen: 17.678 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY019637.D
Acq: 20 Sep 2024 11:47

Tgt Ion: 43 Resp: 41310
Ion Ratio Lower Upper
43 100
74 25.2 23.3 34.9





#19

Methyl tert-butyl Ether

Concen: 20.569 ug/l

RT: 5.110 min Scan# 51

Delta R.T. -0.006 min

Lab File: VY019637.D

Acq: 20 Sep 2024 11:47

Instrument :

MSVOA_Y

ClientSampleId :

VY0920SBS01

Tgt Ion: 73 Resp: 201740

Ion Ratio Lower Upper

73 100

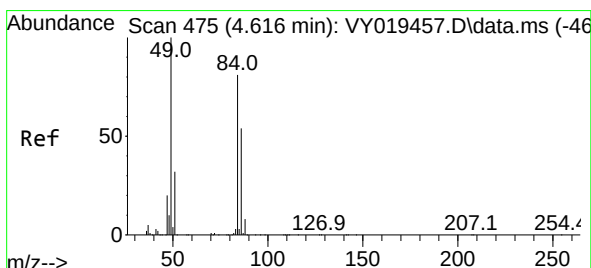
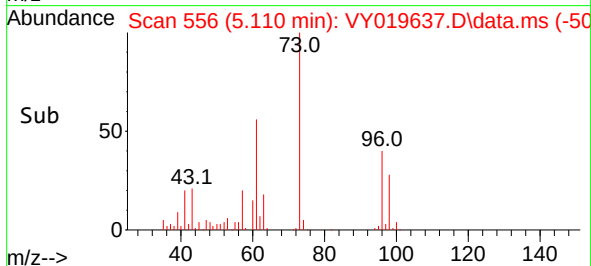
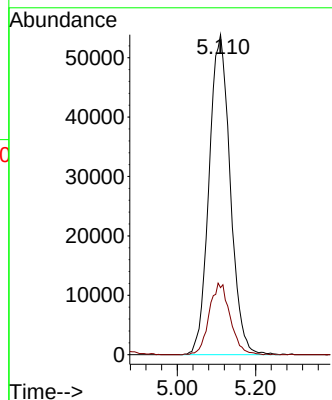
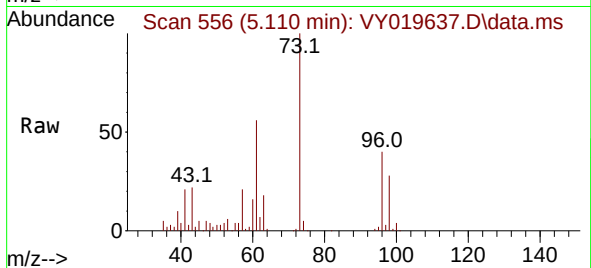
57 21.0 17.3 25.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/23/2024

Supervised By :Semsettin Yesilyurt 09/23/2024



#20

Methylene Chloride

Concen: 21.230 ug/l

RT: 4.610 min Scan# 474

Delta R.T. -0.006 min

Lab File: VY019637.D

Acq: 20 Sep 2024 11:47

Tgt Ion: 84 Resp: 83369

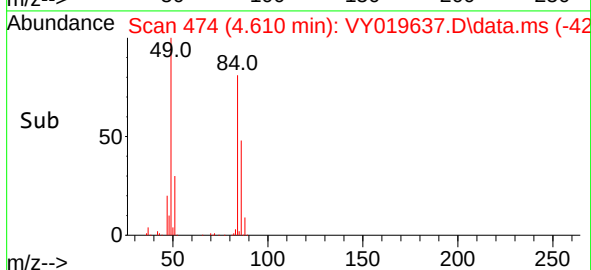
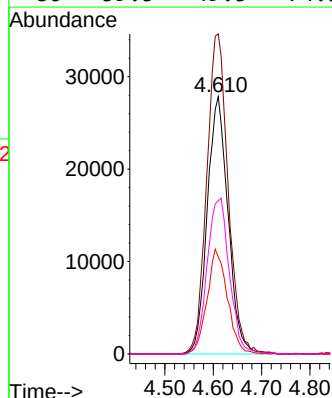
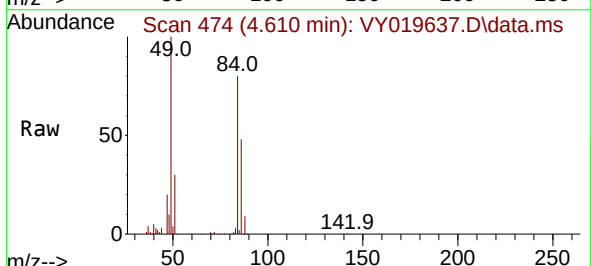
Ion Ratio Lower Upper

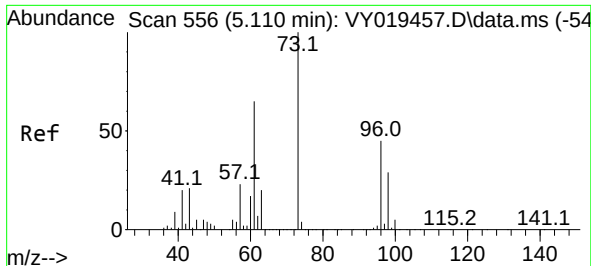
84 100

49 124.4 84.4 126.6

51 37.7 26.0 39.0

86 59.5 49.5 74.3





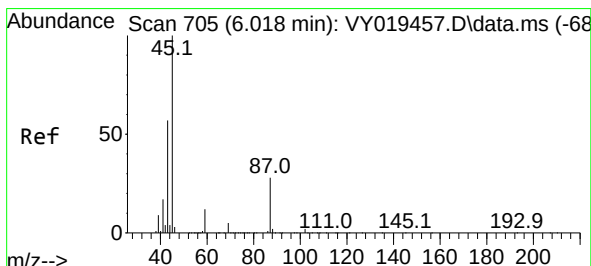
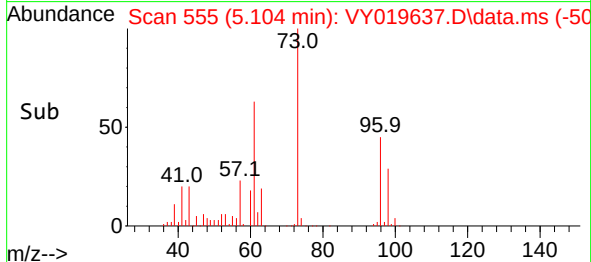
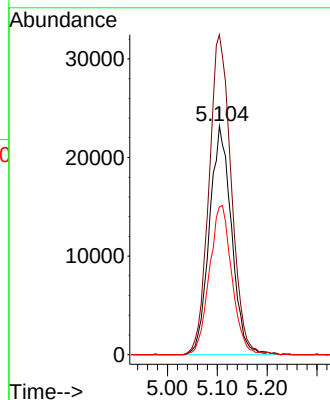
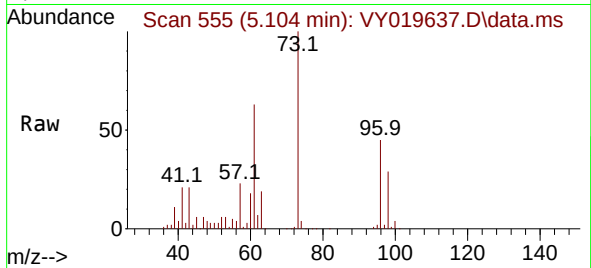
#21
trans-1,2-Dichloroethene
Concen: 18.788 ug/l
RT: 5.104 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY019637.D
Acq: 20 Sep 2024 11:47

Instrument :
MSVOA_Y
ClientSampleId :
VY0920SBS01

Tgt Ion: 96 Resp: 71314
Ion Ratio Lower Upper
96 100
61 140.0 97.5 146.3
98 64.7 50.5 75.7

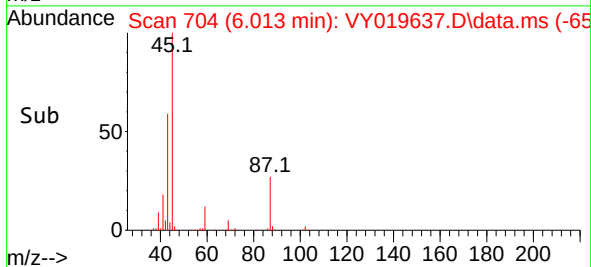
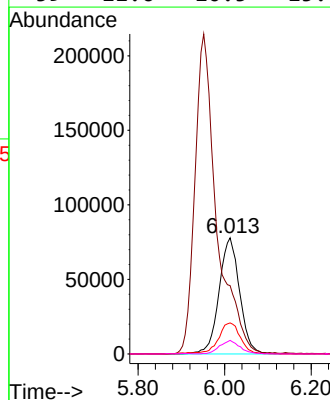
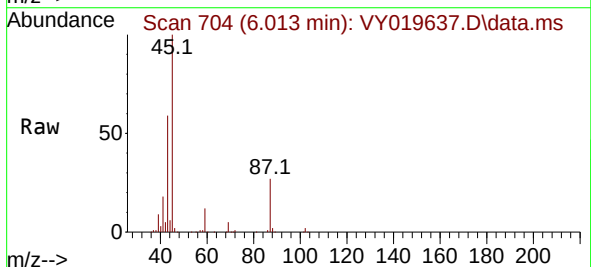
Manual Integrations
APPROVED

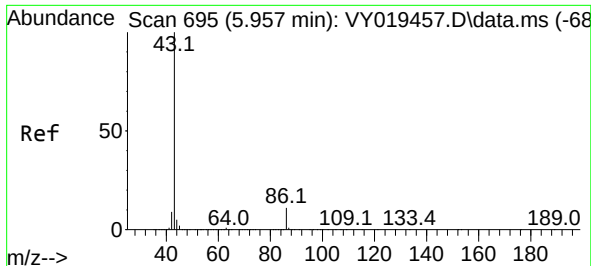
Reviewed By :Mahesh Dadoda 09/23/2024
Supervised By :Semsettin Yesilyurt 09/23/2024



#22
Diisopropyl ether
Concen: 20.187 ug/l
RT: 6.013 min Scan# 704
Delta R.T. -0.006 min
Lab File: VY019637.D
Acq: 20 Sep 2024 11:47

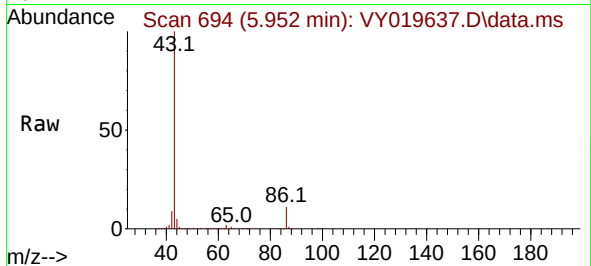
Tgt Ion: 45 Resp: 257441
Ion Ratio Lower Upper
45 100
43 58.3 42.2 63.2
87 26.8 25.0 37.6
59 11.6 10.5 15.7





#23
 Vinyl Acetate
 Concen: 102.655 ug/l
 RT: 5.952 min Scan# 694
 Delta R.T. -0.006 min
 Lab File: VY019637.D
 Acq: 20 Sep 2024 11:47

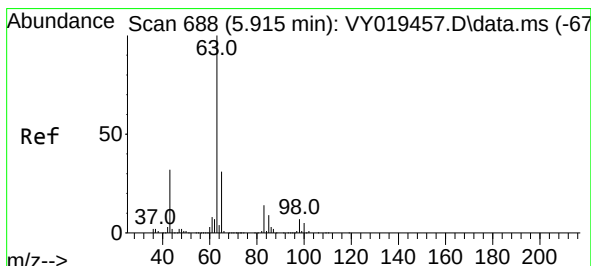
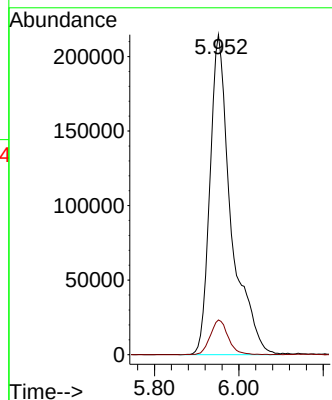
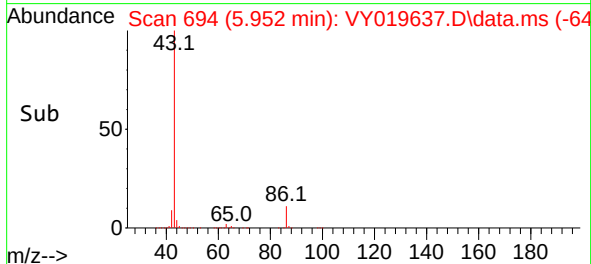
Instrument : MSVOA_Y
 ClientSampleId : VY0920SBS01



Tgt Ion: 43 Resp: 747774
 Ion Ratio Lower Upper
 43 100
 86 10.9 10.6 16.0

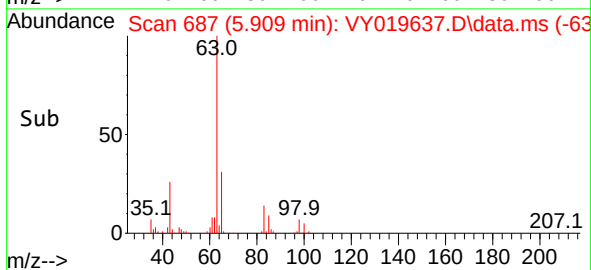
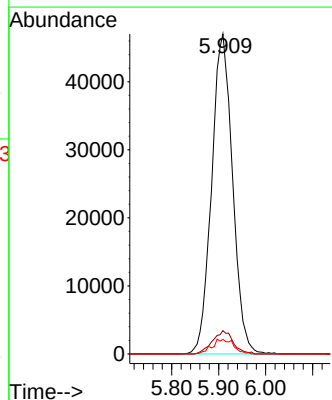
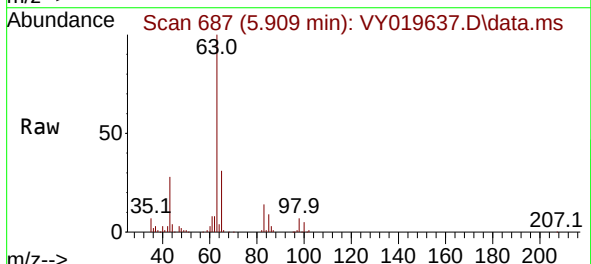
Manual Integrations
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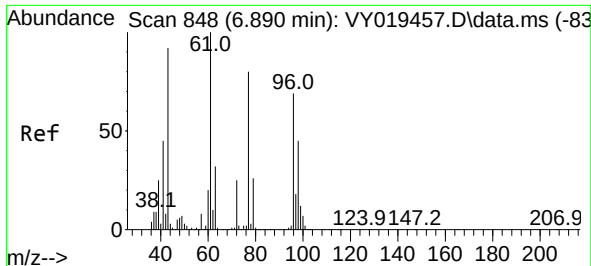
Reviewed By :Mahesh Dadoda 09/23/2024
 Supervised By :Semsettin Yesilyurt 09/23/2024



#24
 1,1-Dichloroethane
 Concen: 20.305 ug/l
 RT: 5.909 min Scan# 687
 Delta R.T. -0.006 min
 Lab File: VY019637.D
 Acq: 20 Sep 2024 11:47

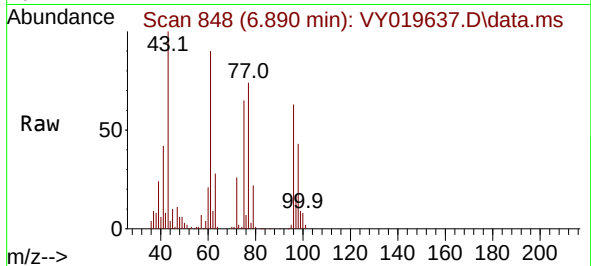
Tgt Ion: 63 Resp: 145307
 Ion Ratio Lower Upper
 63 100
 98 7.3 4.0 12.2
 100 4.5 2.6 8.0





#25
2-Butanone
Concen: 111.032 ug/l
RT: 6.890 min Scan# 848
Delta R.T. 0.000 min
Lab File: VY019637.D
Acq: 20 Sep 2024 11:47

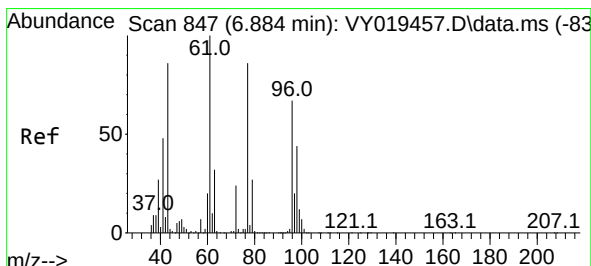
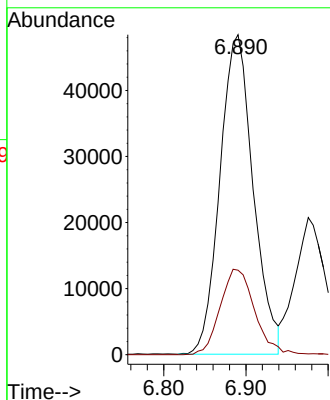
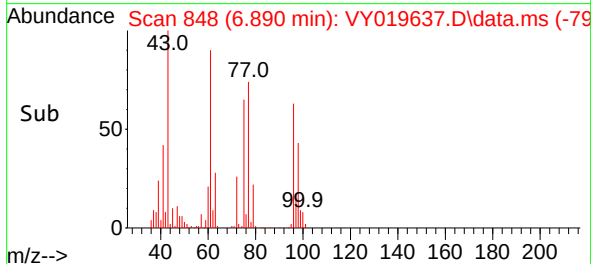
Instrument :
MSVOA_Y
ClientSampleId :
VY0920SBS01



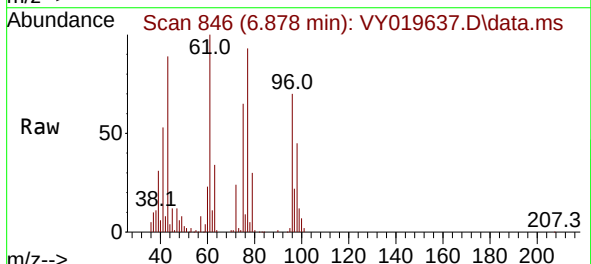
Tgt Ion: 43 Resp: 135975
Ion Ratio Lower Upper
43 100
72 26.5 27.3 40.9

Manual Integrations
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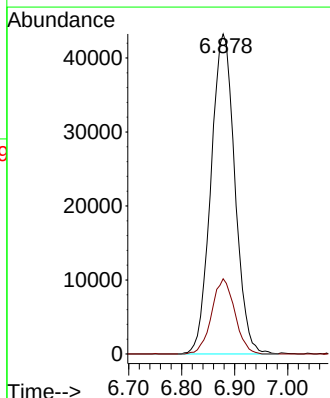
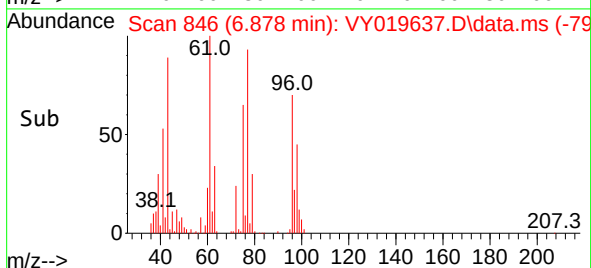
Reviewed By :Mahesh Dadoda 09/23/2024
Supervised By :Semsettin Yesilyurt 09/23/2024

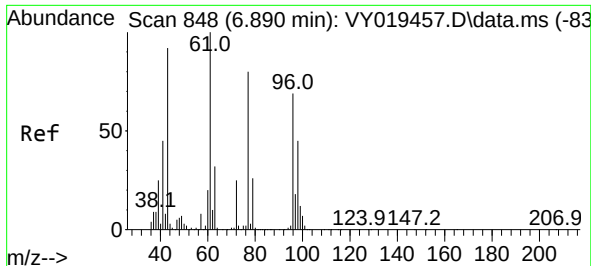


#26
2,2-Dichloropropane
Concen: 21.015 ug/l
RT: 6.878 min Scan# 846
Delta R.T. -0.006 min
Lab File: VY019637.D
Acq: 20 Sep 2024 11:47



Tgt Ion: 77 Resp: 135655
Ion Ratio Lower Upper
77 100
97 22.6 12.0 36.1





#27

cis-1,2-Dichloroethene

Concen: 20.199 ug/l

RT: 6.884 min Scan# 84

Delta R.T. -0.006 min

Lab File: VY019637.D

Acq: 20 Sep 2024 11:47

Instrument :

MSVOA_Y

ClientSampleId :

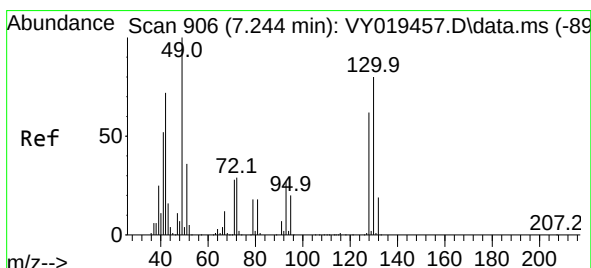
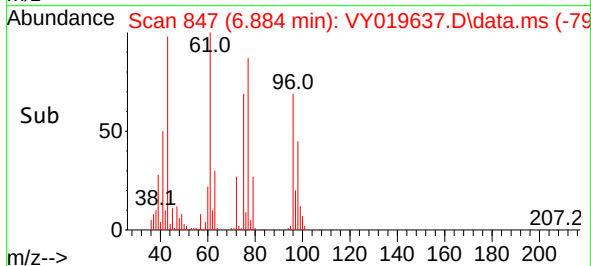
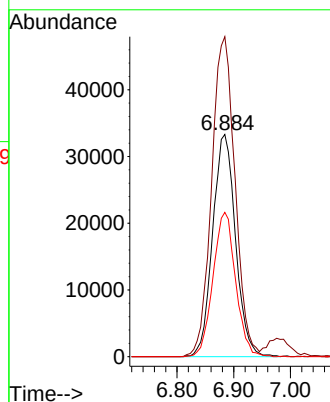
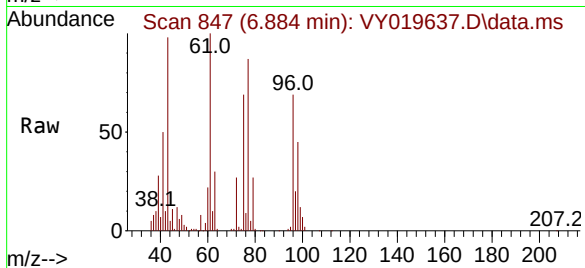
VY0920SBS01

Tgt Ion: 96	Resp: 9313
Ion Ratio	Lower Upper
96 100	
61 147.4	0.0 256.2
98 64.2	0.0 130.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/23/2024
Supervised By :Semsettin Yesilyurt 09/23/2024



#28

Bromochloromethane

Concen: 19.465 ug/l

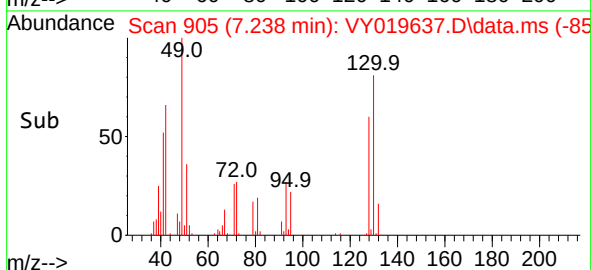
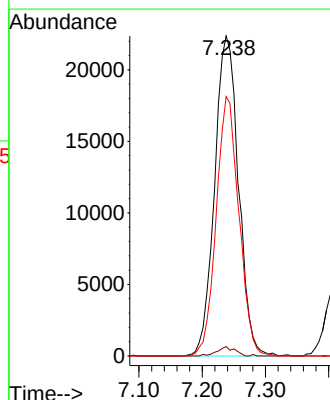
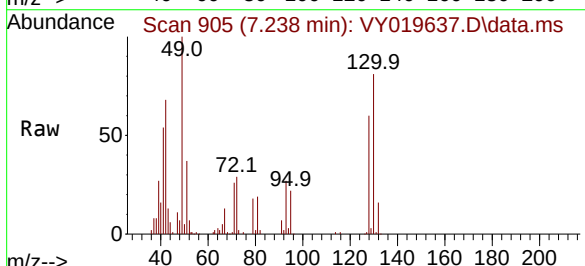
RT: 7.238 min Scan# 905

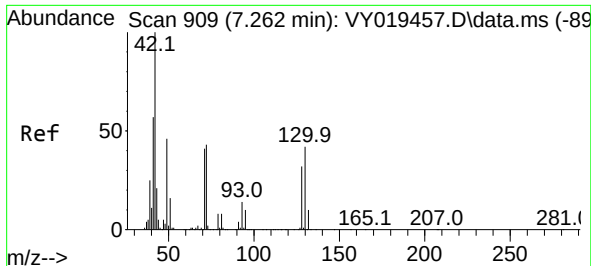
Delta R.T. -0.006 min

Lab File: VY019637.D

Acq: 20 Sep 2024 11:47

Tgt Ion: 49	Resp: 58608
Ion Ratio	Lower Upper
49 100	
129 2.1	0.0 4.6
130 77.0	72.7 109.1





#29

Tetrahydrofuran

Concen: 101.793 ug/l

RT: 7.256 min Scan# 909

Delta R.T. -0.006 min

Lab File: VY019637.D

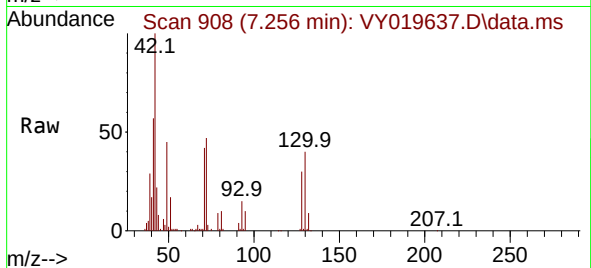
Acq: 20 Sep 2024 11:47

Instrument :

MSVOA_Y

ClientSampleId :

VY0920SBS01

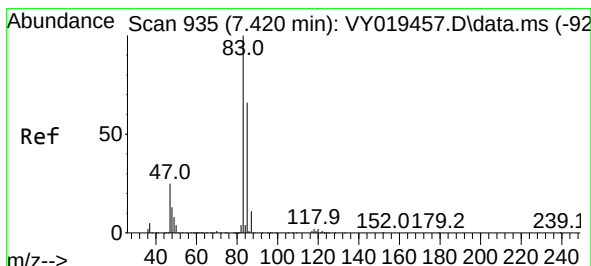
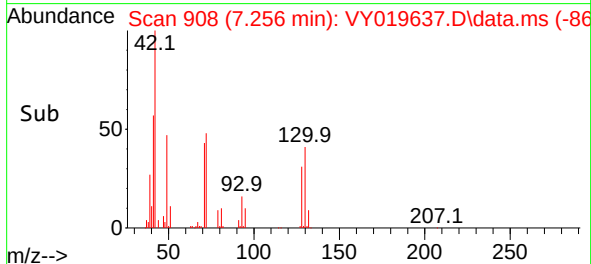
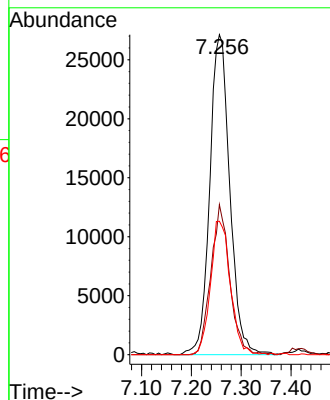


Tgt Ion:	42	Resp:	75790
Ion Ratio	100	Lower	Upper
42	100		
72	43.8	43.0	64.4
71	41.3	40.8	61.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/23/2024
Supervised By :Semsettin Yesilyurt 09/23/2024



#30

Chloroform

Concen: 21.189 ug/l

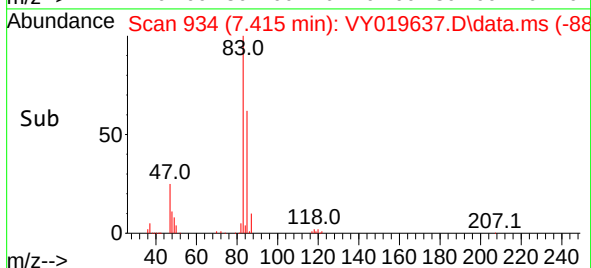
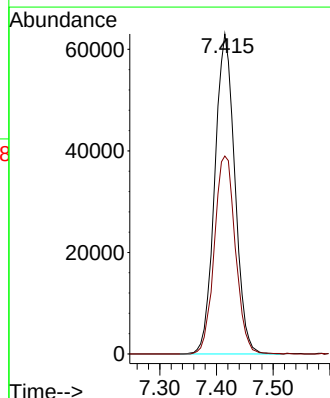
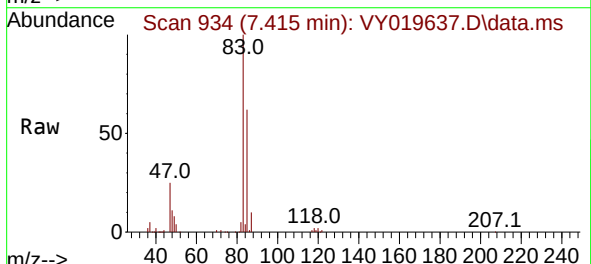
RT: 7.415 min Scan# 934

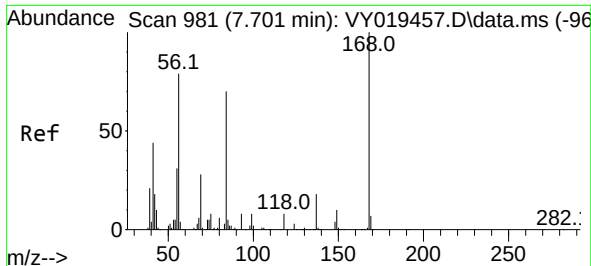
Delta R.T. -0.006 min

Lab File: VY019637.D

Acq: 20 Sep 2024 11:47

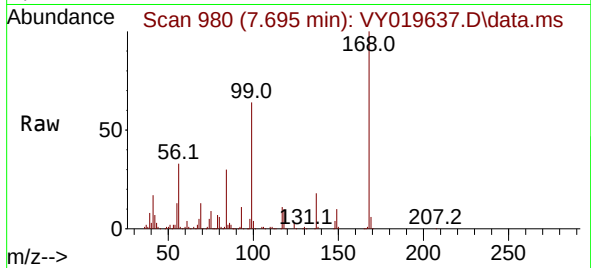
Tgt Ion:	83	Resp:	154793
Ion Ratio	100	Lower	Upper
83	100		
85	61.9	52.2	78.4





#31
Cyclohexane
Concen: 18.660 ug/l
RT: 7.695 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY019637.D
Acq: 20 Sep 2024 11:47

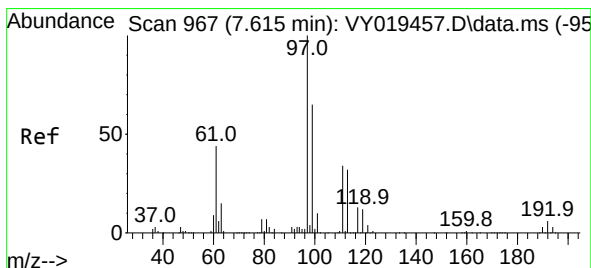
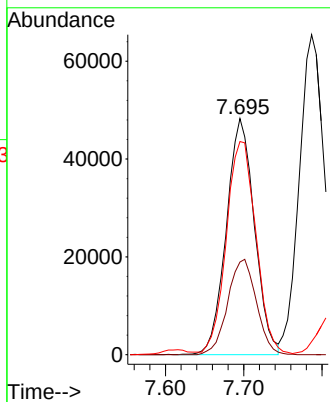
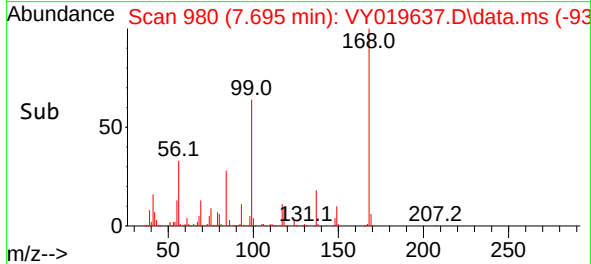
Instrument :
MSVOA_Y
ClientSampleId :
VY0920SBS01



Tgt Ion: 56 Resp: 120704
Ion Ratio Lower Upper
56 100
69 39.3 28.7 43.1
84 88.1 77.7 116.5

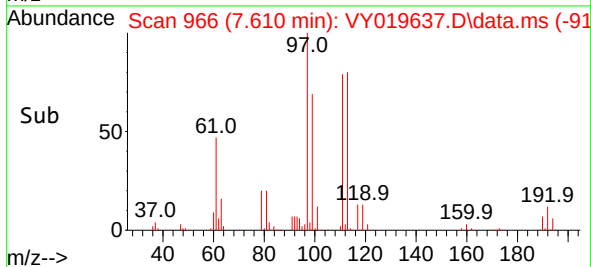
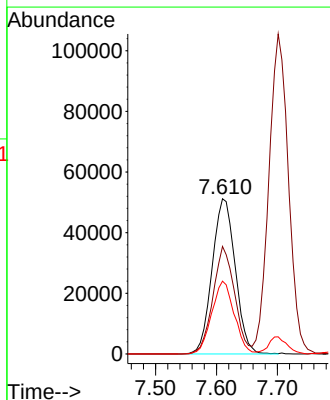
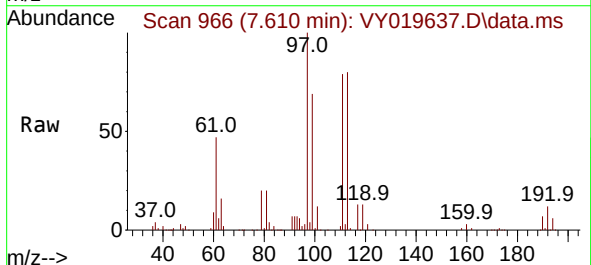
Manual Integrations
APPROVED

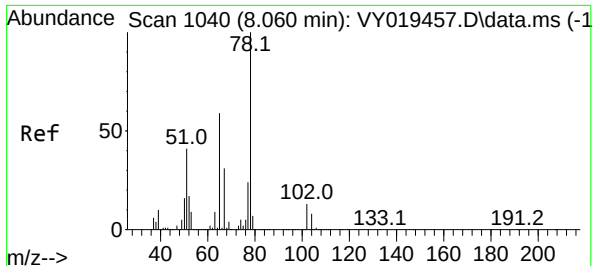
Reviewed By :Mahesh Dadoda 09/23/2024
Supervised By :Semsettin Yesilyurt 09/23/2024



#32
1,1,1-Trichloroethane
Concen: 20.589 ug/l
RT: 7.610 min Scan# 966
Delta R.T. -0.006 min
Lab File: VY019637.D
Acq: 20 Sep 2024 11:47

Tgt Ion: 97 Resp: 134818
Ion Ratio Lower Upper
97 100
99 65.2 50.3 75.5
61 45.8 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 57.620 ug/l

RT: 8.055 min Scan# 1100

Delta R.T. -0.006 min

Lab File: VY019637.D

Acq: 20 Sep 2024 11:47

Instrument :

MSVOA_Y

ClientSampleId :

VY0920SBS01

Tgt Ion: 65 Resp: 208260

Ion Ratio Lower Upper

65 100

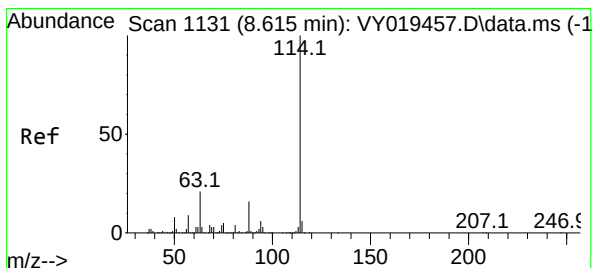
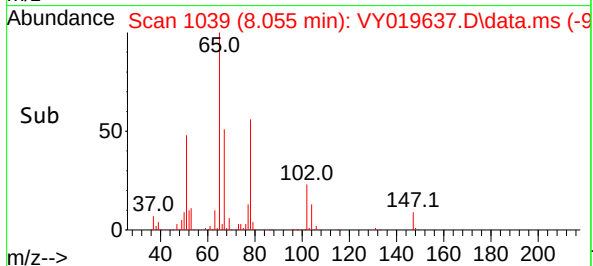
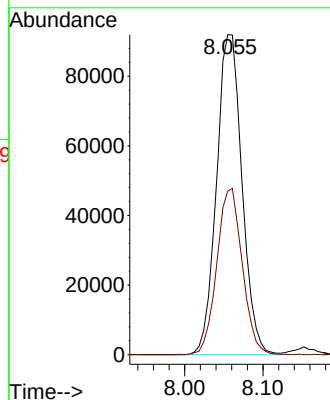
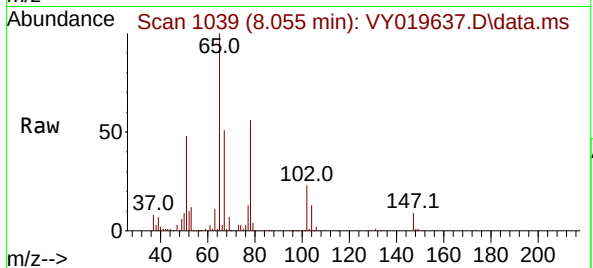
67 51.8 0.0 109.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/23/2024

Supervised By :Semsettin Yesilyurt 09/23/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.610 min Scan# 1130

Delta R.T. -0.006 min

Lab File: VY019637.D

Acq: 20 Sep 2024 11:47

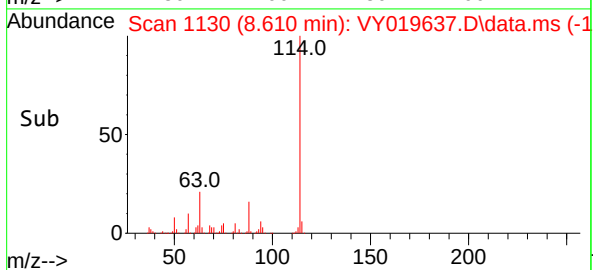
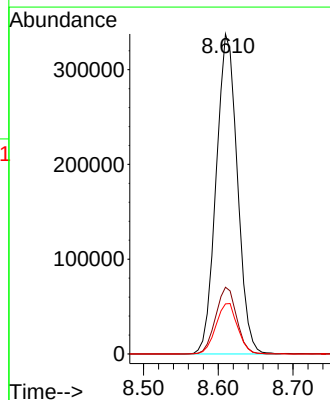
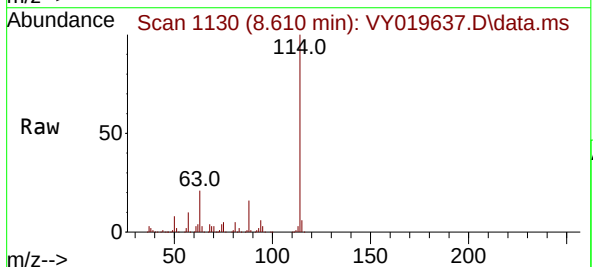
Tgt Ion:114 Resp: 667193

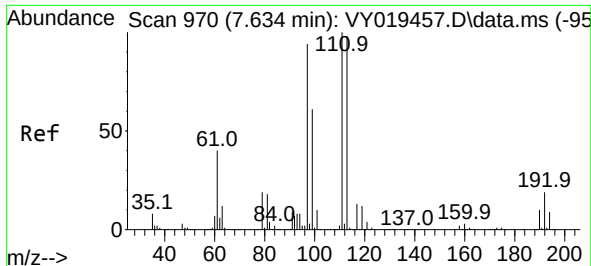
Ion Ratio Lower Upper

114 100

63 20.9 0.0 35.0

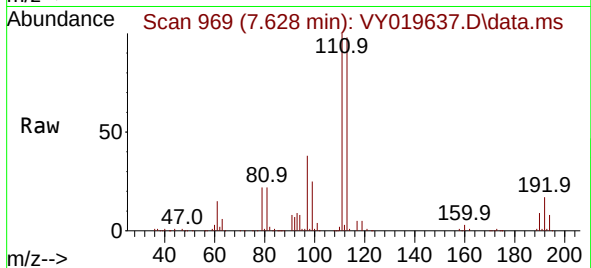
88 15.7 0.0 27.2





#35
Dibromofluoromethane
Concen: 53.820 ug/l
RT: 7.628 min Scan# 90
Delta R.T. -0.006 min
Lab File: VY019637.D
Acq: 20 Sep 2024 11:47

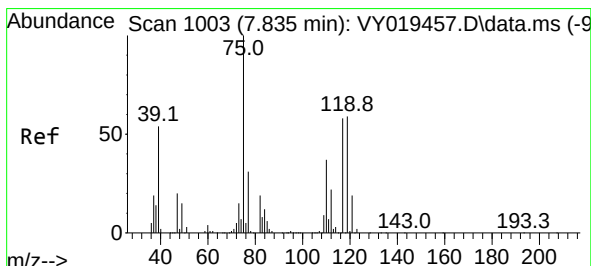
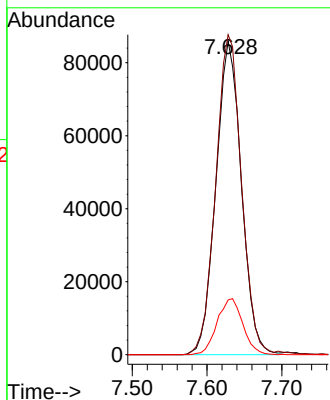
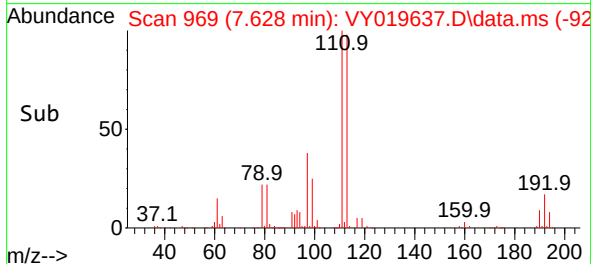
Instrument :
MSVOA_Y
ClientSampleId :
VY0920SBS01



Tgt Ion: 113 Resp: 20359
Ion Ratio Lower Upper
113 100
111 103.5 82.2 123.4
192 18.0 15.9 23.9

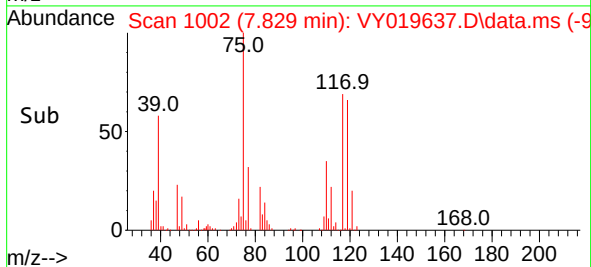
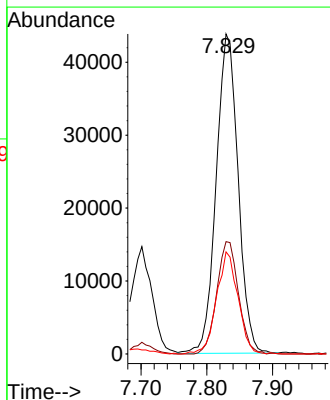
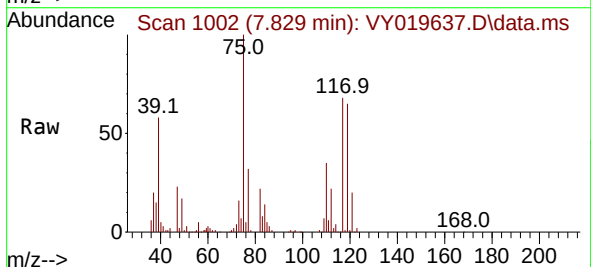
Manual Integrations
APPROVED

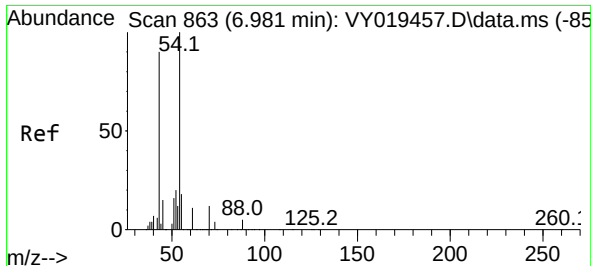
Reviewed By :Mahesh Dadoda 09/23/2024
Supervised By :Semsettin Yesilyurt 09/23/2024



#36
1,1-Dichloropropene
Concen: 19.753 ug/l
RT: 7.829 min Scan# 1002
Delta R.T. -0.006 min
Lab File: VY019637.D
Acq: 20 Sep 2024 11:47

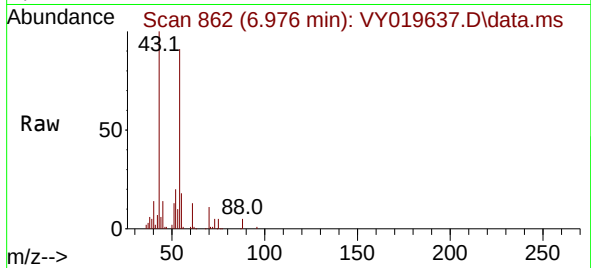
Tgt Ion: 75 Resp: 101675
Ion Ratio Lower Upper
75 100
110 34.9 19.0 57.0
77 31.3 25.3 37.9





#37
Ethyl Acetate
Concen: 20.514 ug/l
RT: 6.976 min Scan# 80
Delta R.T. -0.006 min
Lab File: VY019637.D
Acq: 20 Sep 2024 11:47

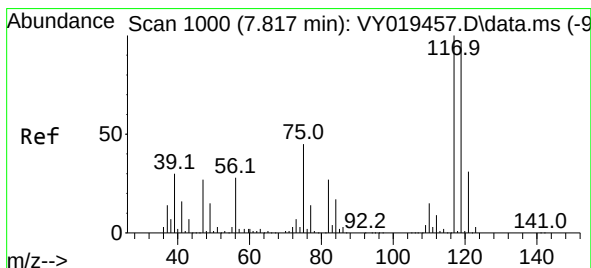
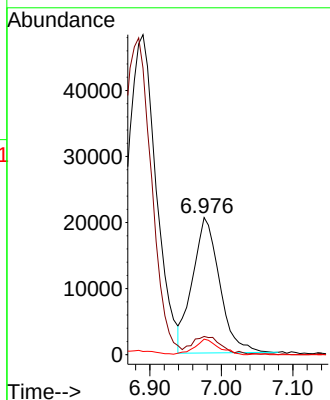
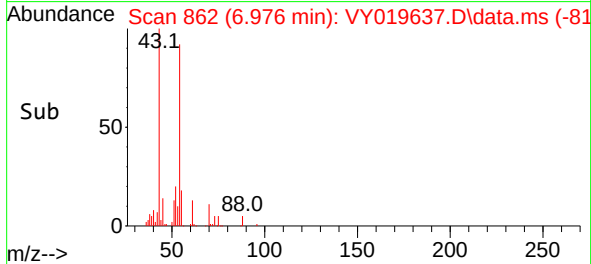
Instrument :
MSVOA_Y
ClientSampleId :
VY0920SBS01



Tgt Ion: 43 Resp: 5410
Ion Ratio Lower Upper
43 100
61 14.0 12.6 19.0
70 10.0 7.8 11.8

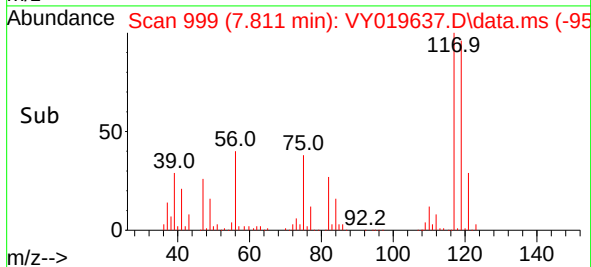
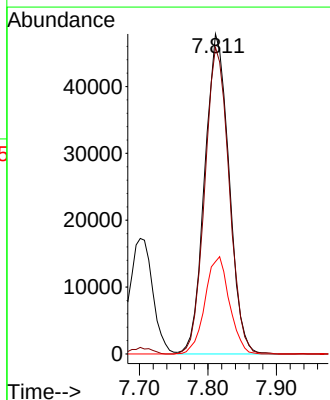
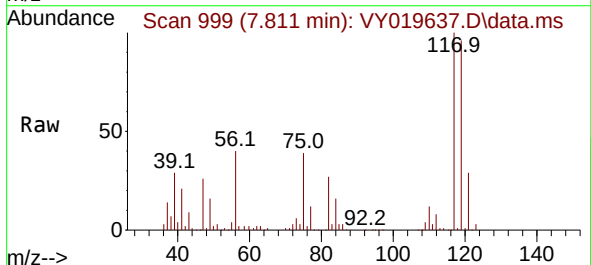
Manual Integrations
APPROVED

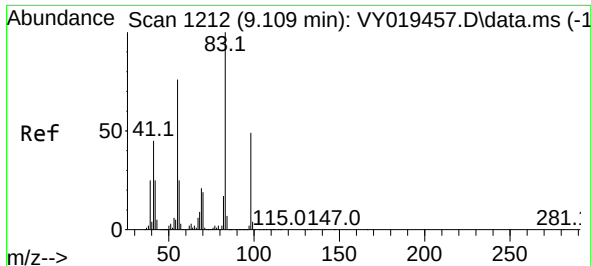
Reviewed By :Mahesh Dadoda 09/23/2024
Supervised By :Semsettin Yesilyurt 09/23/2024



#38
Carbon Tetrachloride
Concen: 20.334 ug/l
RT: 7.811 min Scan# 999
Delta R.T. -0.006 min
Lab File: VY019637.D
Acq: 20 Sep 2024 11:47

Tgt Ion:117 Resp: 118030
Ion Ratio Lower Upper
117 100
119 95.8 75.8 113.6
121 28.9 24.0 36.0





#39

Methylcyclohexane

Concen: 19.068 ug/l

RT: 9.103 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY019637.D

Acq: 20 Sep 2024 11:47

Instrument :

MSVOA_Y

ClientSampleId :

VY0920SBS01

Tgt Ion: 83 Resp: 130620

Ion Ratio Lower Upper

83 100

55 77.5 51.5 77.3

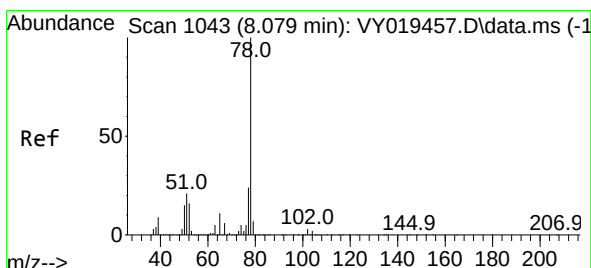
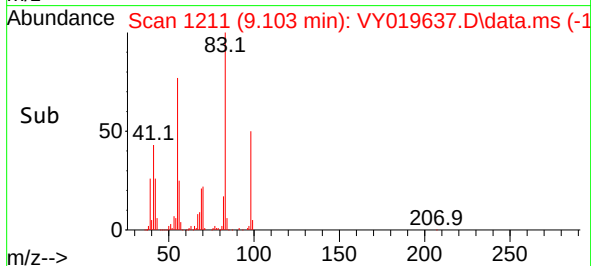
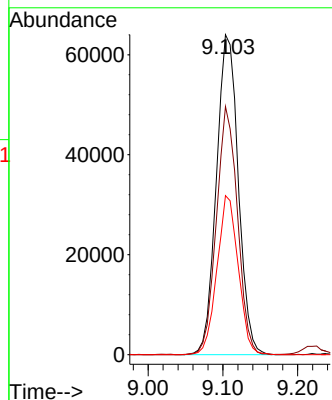
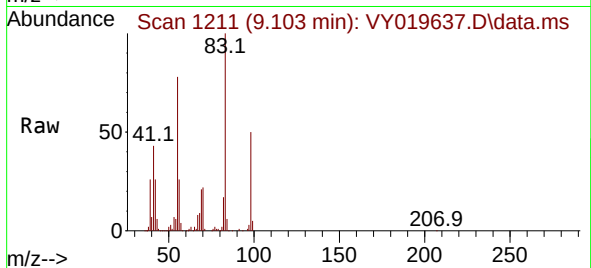
98 49.7 40.5 60.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/23/2024

Supervised By :Semsettin Yesilyurt 09/23/2024



#40

Benzene

Concen: 20.022 ug/l

RT: 8.073 min Scan# 1042

Delta R.T. -0.006 min

Lab File: VY019637.D

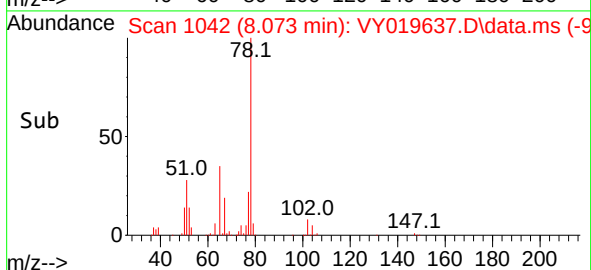
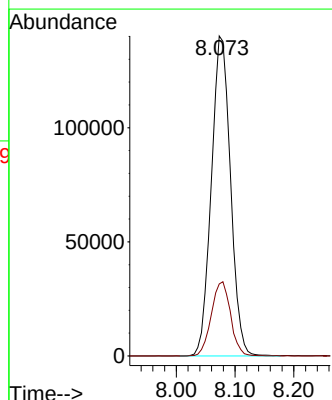
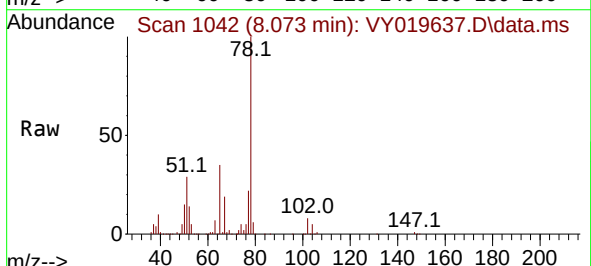
Acq: 20 Sep 2024 11:47

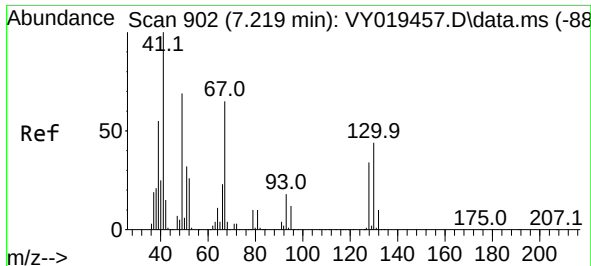
Tgt Ion: 78 Resp: 317435

Ion Ratio Lower Upper

78 100

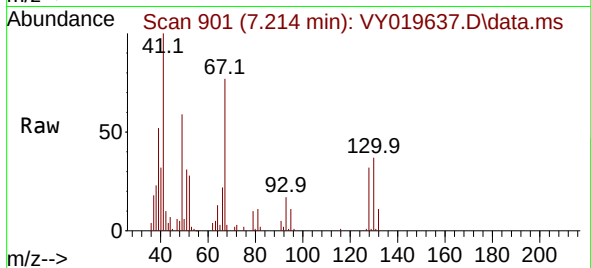
77 22.5 19.5 29.3





#41
Methacrylonitrile
Concen: 21.023 ug/l
RT: 7.214 min Scan# 901
Delta R.T. -0.006 min
Lab File: VY019637.D
Acq: 20 Sep 2024 11:47

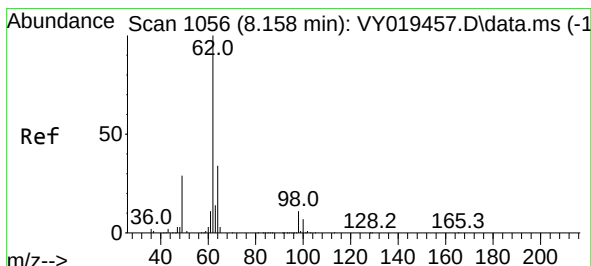
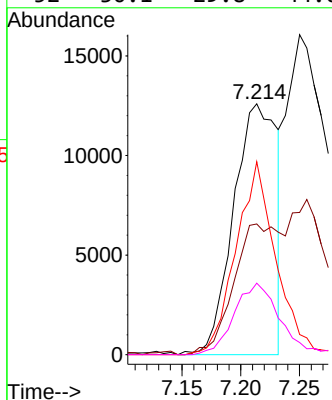
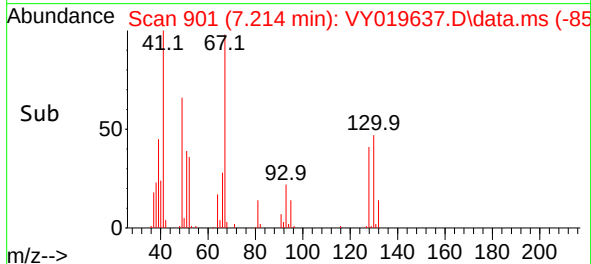
Instrument :
MSVOA_Y
ClientSampleId :
VY0920SBS01



Tgt Ion: 41 Resp: 32320
Ion Ratio Lower Upper
41 100
39 59.4 48.0 72.0
67 70.8 75.1 112.7
52 30.1 29.8 44.6

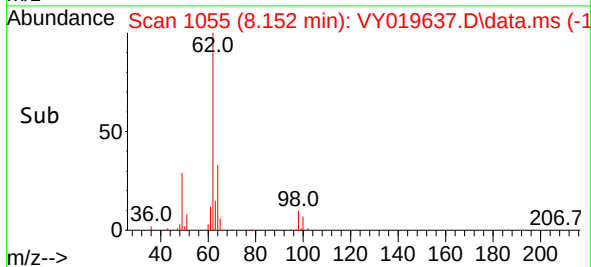
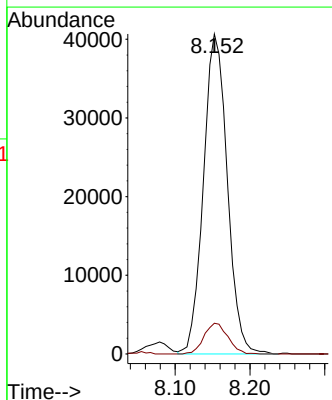
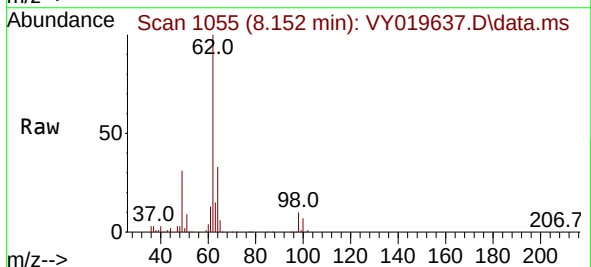
Manual Integrations
APPROVED

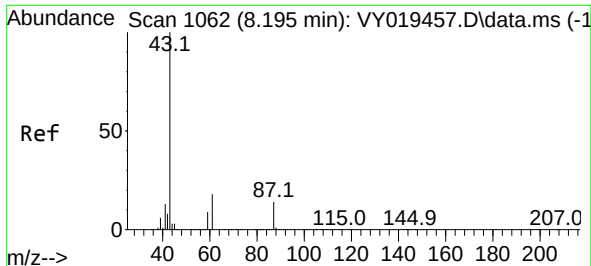
Reviewed By :Mahesh Dadoda 09/23/2024
Supervised By :Semsettin Yesilyurt 09/23/2024



#42
1,2-Dichloroethane
Concen: 21.177 ug/l
RT: 8.152 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VY019637.D
Acq: 20 Sep 2024 11:47

Tgt Ion: 62 Resp: 90346
Ion Ratio Lower Upper
62 100
98 9.6 0.0 22.0





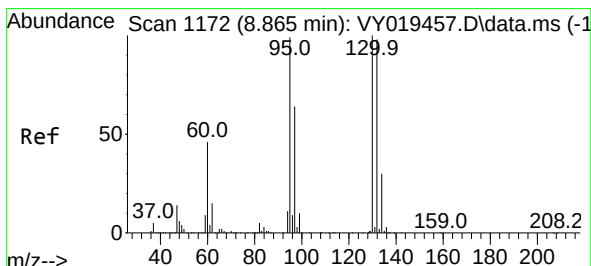
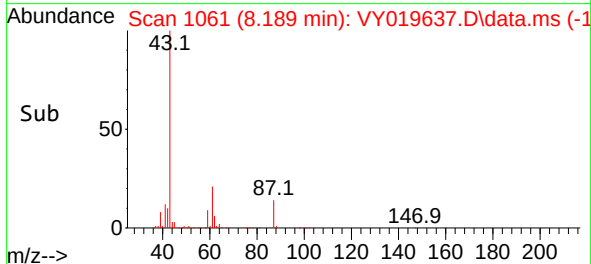
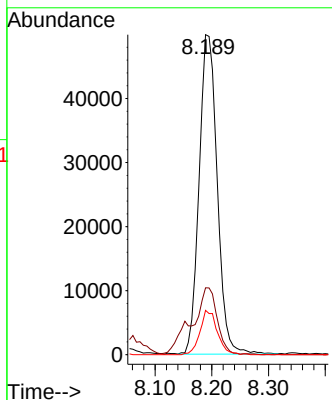
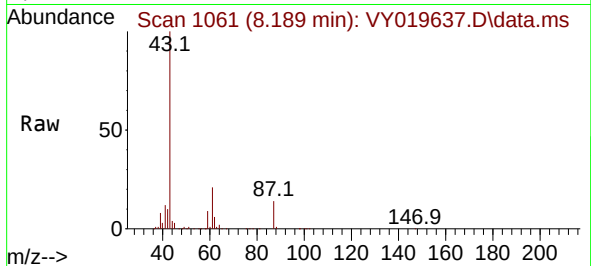
#43
Isopropyl Acetate
Concen: 20.029 ug/l
RT: 8.189 min Scan# 110978
Delta R.T. -0.006 min
Lab File: VY019637.D
Acq: 20 Sep 2024 11:47

Instrument :
MSVOA_Y
ClientSampleId :
VY0920SBS01

Tgt Ion: 43 Resp: 110978
Ion Ratio Lower Upper
43 100
61 20.8 27.9 41.9
87 13.3 13.1 19.7

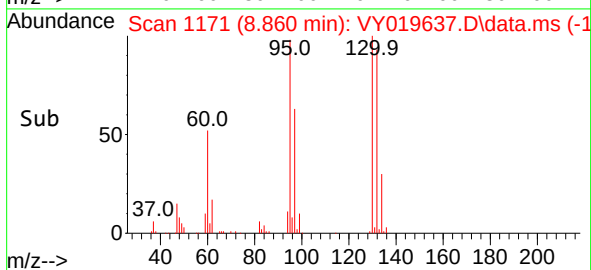
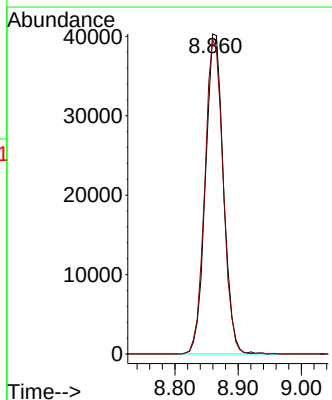
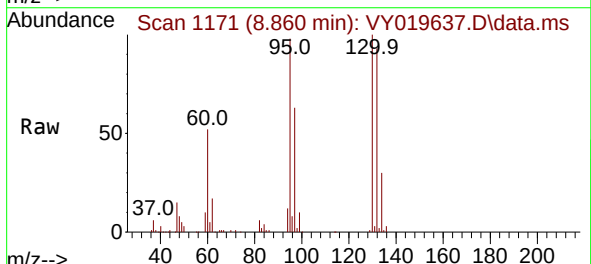
Manual Integrations
APPROVED

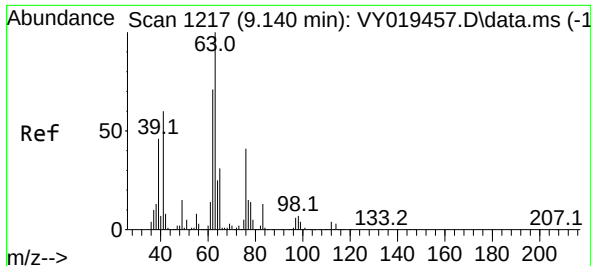
Reviewed By :Mahesh Dadoda 09/23/2024
Supervised By :Semsettin Yesilyurt 09/23/2024



#44
Trichloroethene
Concen: 19.582 ug/l
RT: 8.860 min Scan# 1171
Delta R.T. -0.006 min
Lab File: VY019637.D
Acq: 20 Sep 2024 11:47

Tgt Ion:130 Resp: 79843
Ion Ratio Lower Upper
130 100
95 98.4 0.0 188.0





#45

1,2-Dichloropropane

Concen: 20.021 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY019637.D

Acq: 20 Sep 2024 11:47

Instrument :

MSVOA_Y

ClientSampleId :

VY0920SBS01

Tgt Ion: 63 Resp: 77600

Ion Ratio Lower Upper

63 100

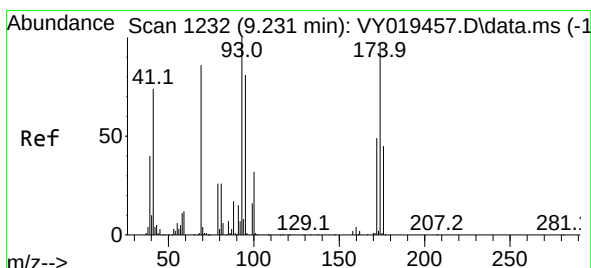
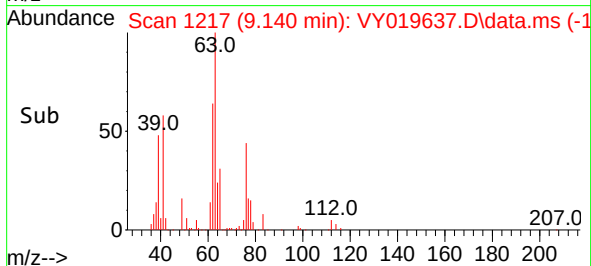
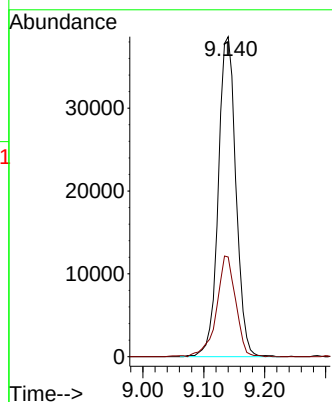
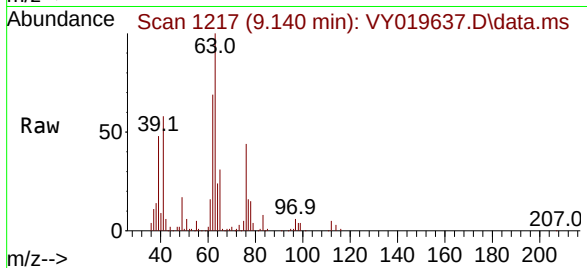
65 31.2 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/23/2024

Supervised By :Semsettin Yesilyurt 09/23/2024



#46

Dibromomethane

Concen: 20.848 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY019637.D

Acq: 20 Sep 2024 11:47

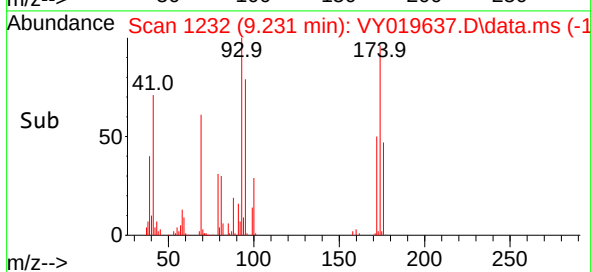
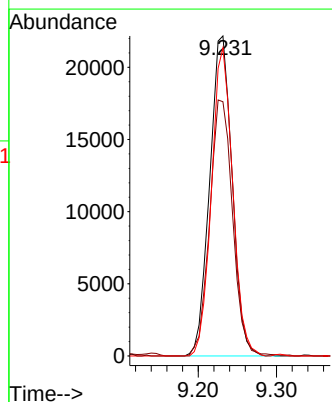
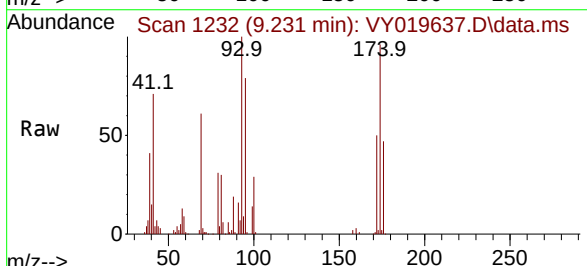
Tgt Ion: 93 Resp: 44188

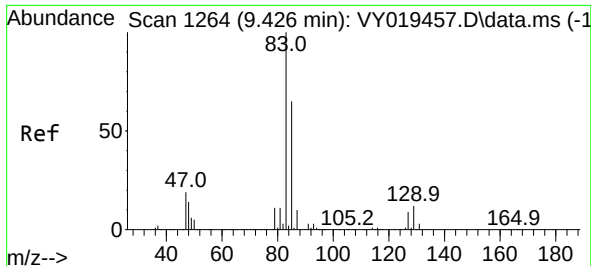
Ion Ratio Lower Upper

93 100

95 81.7 66.2 99.4

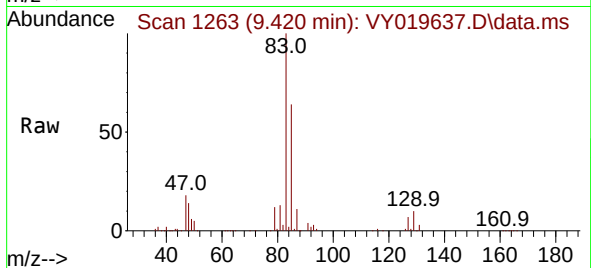
174 90.9 80.9 121.3





#47
Bromodichloromethane
Concen: 20.889 ug/l
RT: 9.420 min Scan# 119019
Delta R.T. -0.006 min
Lab File: VY019637.D
Acq: 20 Sep 2024 11:47

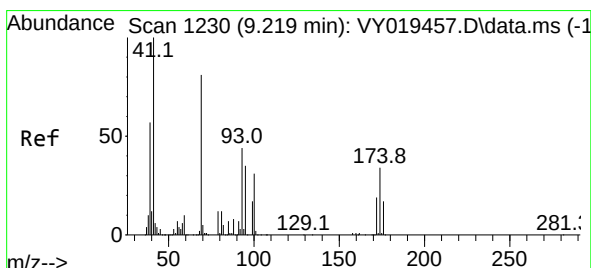
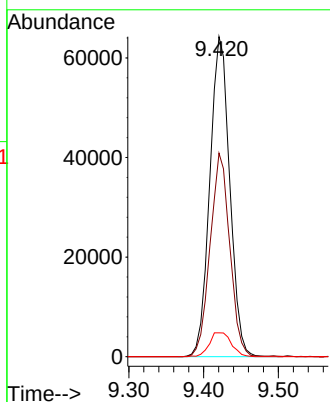
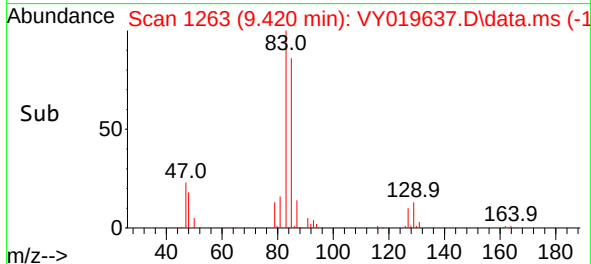
Instrument :
MSVOA_Y
ClientSampleId :
VY0920SBS01



Tgt Ion: 83 Resp: 119019
Ion Ratio Lower Upper
83 100
85 63.6 50.1 75.1
127 7.4 7.4 11.0

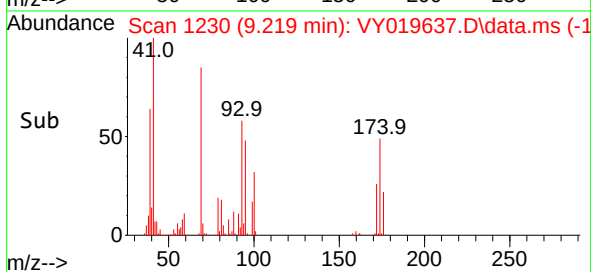
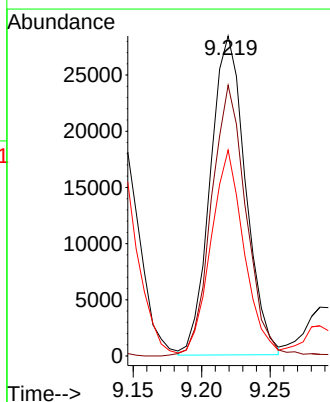
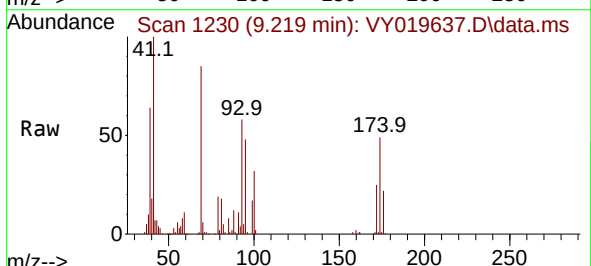
Manual Integrations
APPROVED

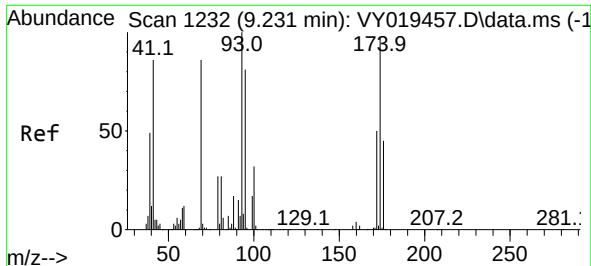
Reviewed By :Mahesh Dadoda 09/23/2024
Supervised By :Semsettin Yesilyurt 09/23/2024



#48
Methyl methacrylate
Concen: 19.402 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VY019637.D
Acq: 20 Sep 2024 11:47

Tgt Ion: 41 Resp: 50767
Ion Ratio Lower Upper
41 100
69 84.1 84.1 126.1#
39 59.2 43.6 65.4





#49

1,4-Dioxane

Concen: 418.604 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY019637.D

Acq: 20 Sep 2024 11:47

Instrument :

MSVOA_Y

ClientSampleId :

VY0920SBS01

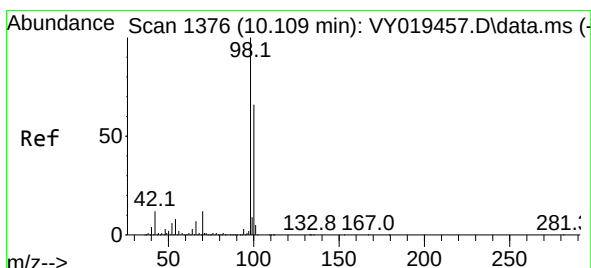
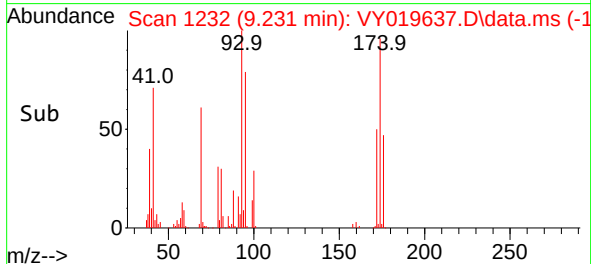
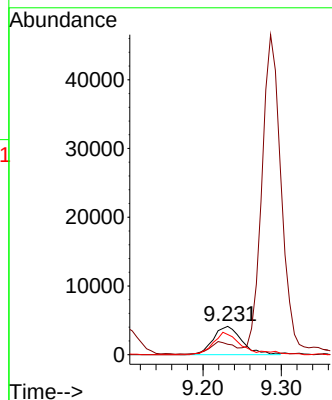
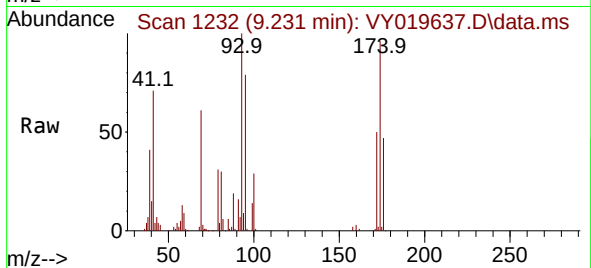
Tgt Ion: 88 Resp: 10449

Ion	Ratio	Lower	Upper
88	100		
43	36.1	0.0	0.0
58	79.1	49.3	73.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/23/2024
Supervised By :Semsettin Yesilyurt 09/23/2024



#50

Toluene-d8

Concen: 53.189 ug/l

RT: 10.103 min Scan# 1375

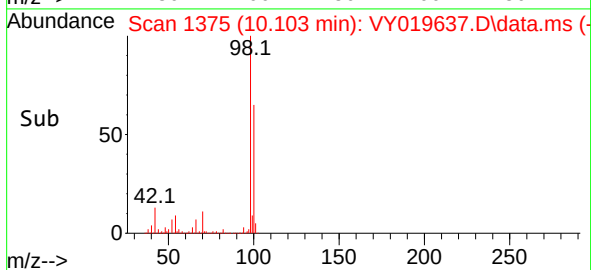
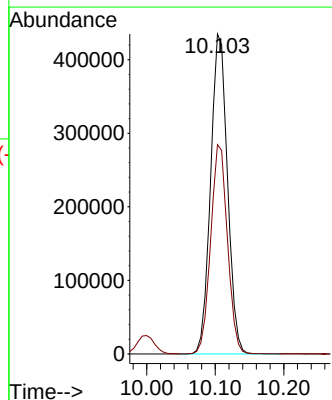
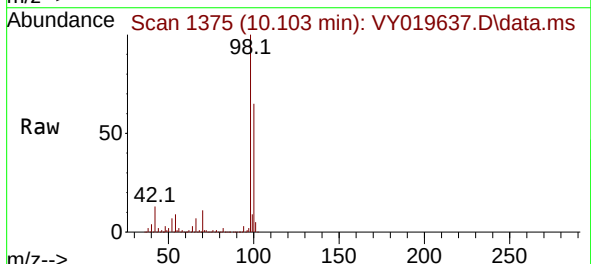
Delta R.T. -0.006 min

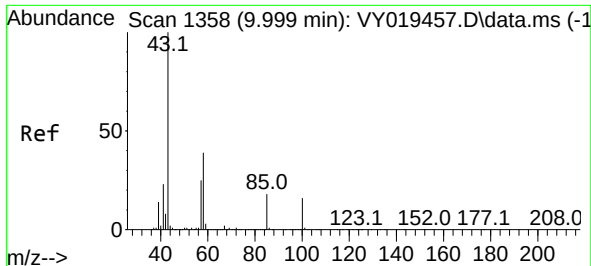
Lab File: VY019637.D

Acq: 20 Sep 2024 11:47

Tgt Ion: 98 Resp: 744211

Ion	Ratio	Lower	Upper
98	100		
100	65.1	52.0	78.0





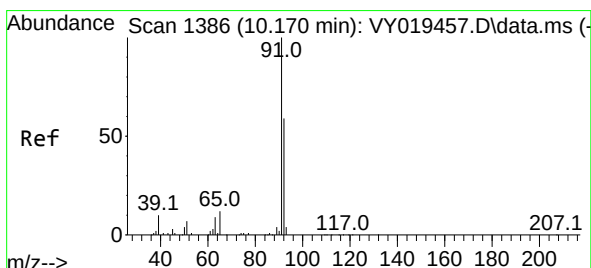
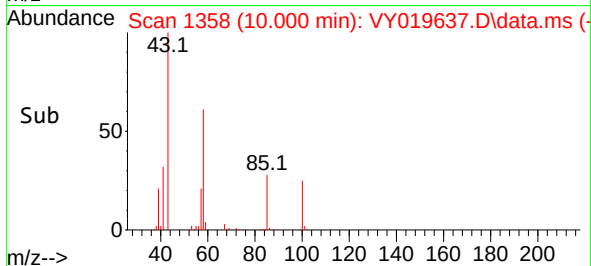
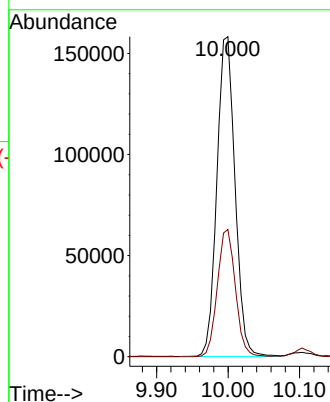
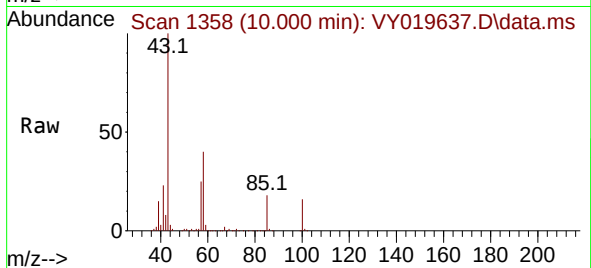
#51
4-Methyl-2-Pentanone
Concen: 99.909 ug/l
RT: 10.000 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VY019637.D
Acq: 20 Sep 2024 11:47

Instrument :
MSVOA_Y
ClientSampleId :
VY0920SBS01

Tgt Ion: 43 Resp: 27850
Ion Ratio Lower Upper
43 100
58 39.6 35.7 53.5

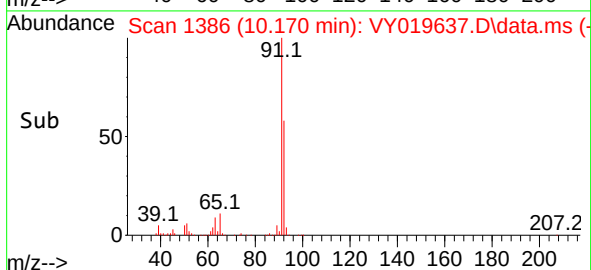
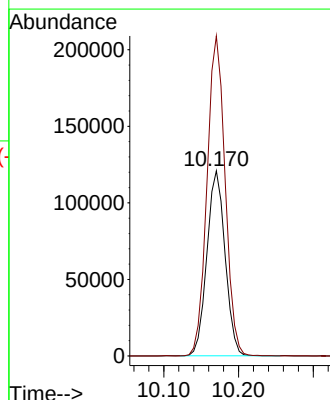
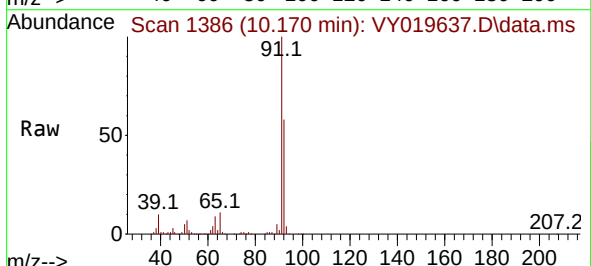
Manual Integrations
APPROVED

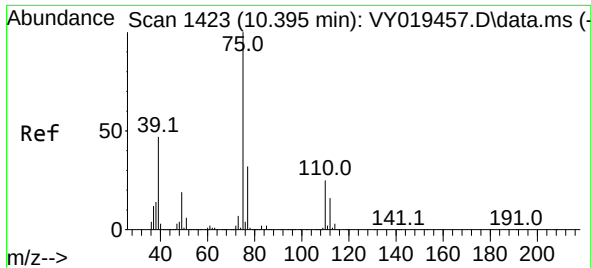
Reviewed By :Mahesh Dadoda 09/23/2024
Supervised By :Semsettin Yesilyurt 09/23/2024



#52
Toluene
Concen: 19.997 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VY019637.D
Acq: 20 Sep 2024 11:47

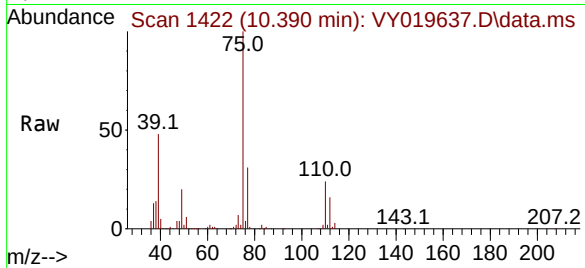
Tgt Ion: 92 Resp: 203896
Ion Ratio Lower Upper
92 100
91 172.4 139.0 208.6





#53
t-1,3-Dichloropropene
Concen: 19.843 ug/l
RT: 10.390 min Scan# 1422
Delta R.T. -0.006 min
Lab File: VY019637.D
Acq: 20 Sep 2024 11:47

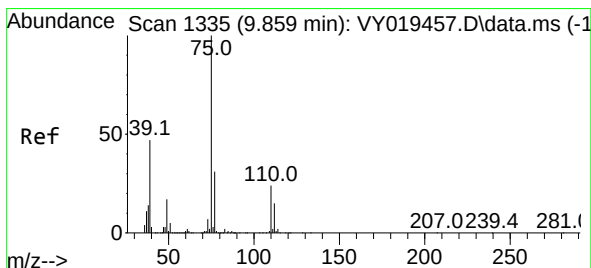
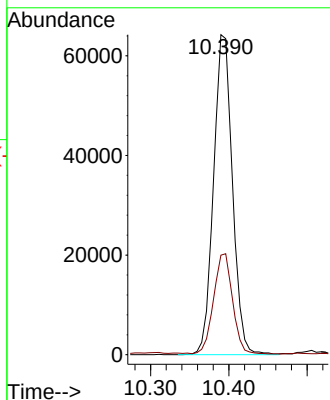
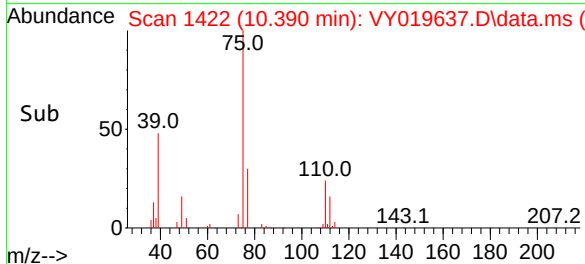
Instrument :
MSVOA_Y
ClientSampleId :
VY0920SBS01



Tgt Ion: 75 Resp: 107772
Ion Ratio Lower Upper
75 100
77 30.8 24.1 36.1

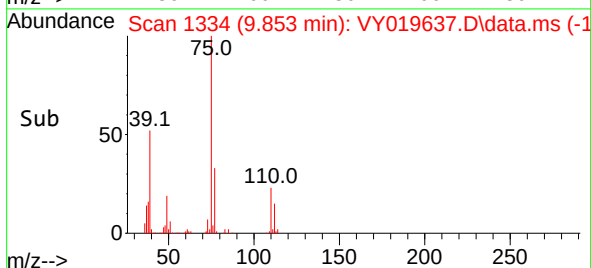
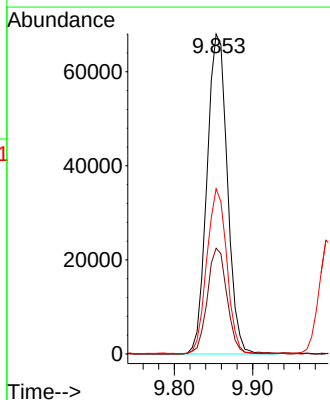
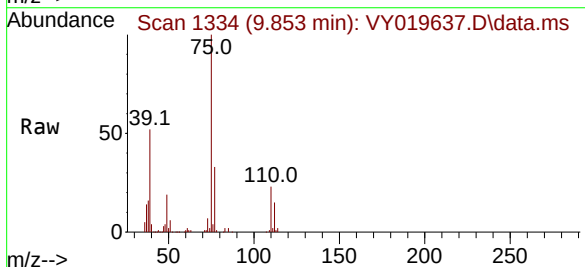
Manual Integrations
APPROVED

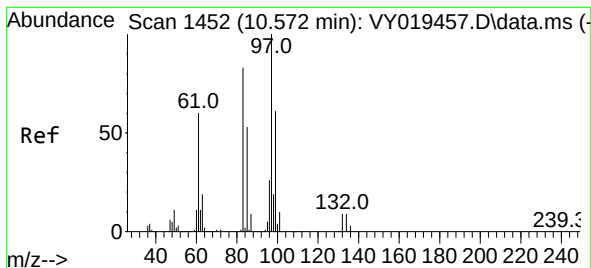
Reviewed By :Mahesh Dadoda 09/23/2024
Supervised By :Semsettin Yesilyurt 09/23/2024



#54
cis-1,3-Dichloropropene
Concen: 19.438 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. -0.006 min
Lab File: VY019637.D
Acq: 20 Sep 2024 11:47

Tgt Ion: 75 Resp: 122934
Ion Ratio Lower Upper
75 100
77 33.1 25.4 38.0
39 51.5 29.8 44.6#





#55

1,1,2-Trichloroethane

Concen: 20.913 ug/l

RT: 10.573 min Scan# 1452

Delta R.T. 0.000 min

Lab File: VY019637.D

Acq: 20 Sep 2024 11:47

Instrument :

MSVOA_Y

ClientSampleId :

VY0920SBS01

Tgt Ion: 97 Resp: 61214

Ion Ratio Lower Upper

97 100

83 80.0 67.5 101.3

85 52.9 42.9 64.3

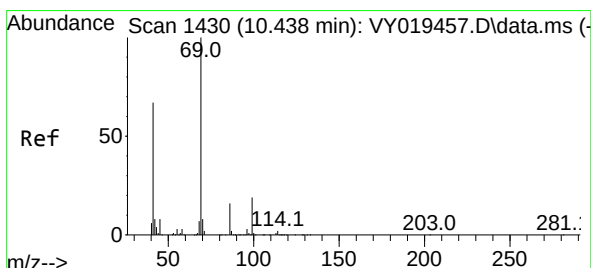
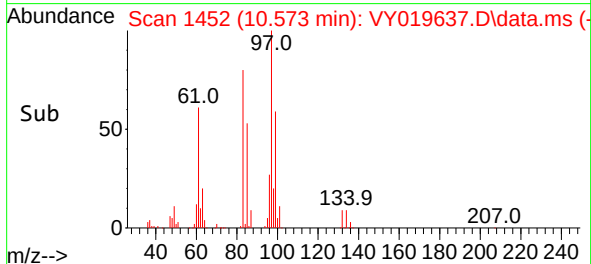
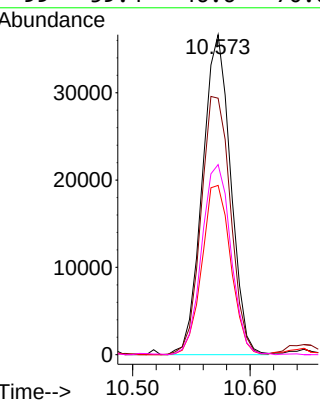
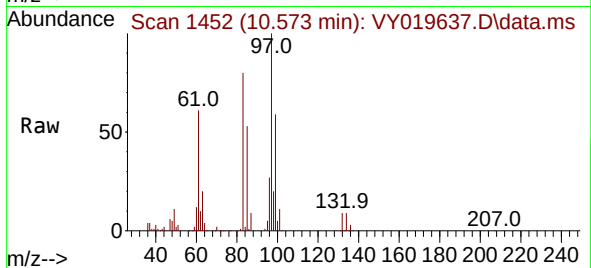
99 59.4 46.6 70.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/23/2024

Supervised By :Semsettin Yesilyurt 09/23/2024



#56

Ethyl methacrylate

Concen: 19.735 ug/l

RT: 10.439 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VY019637.D

Acq: 20 Sep 2024 11:47

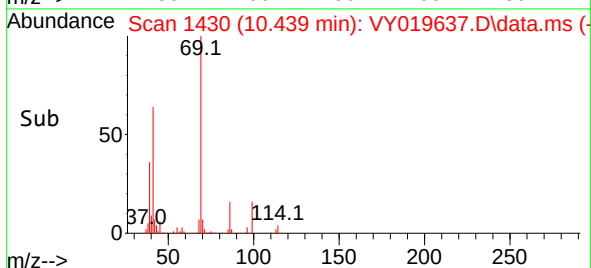
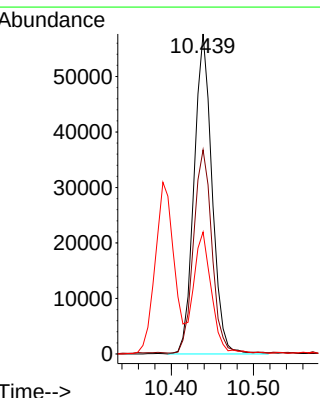
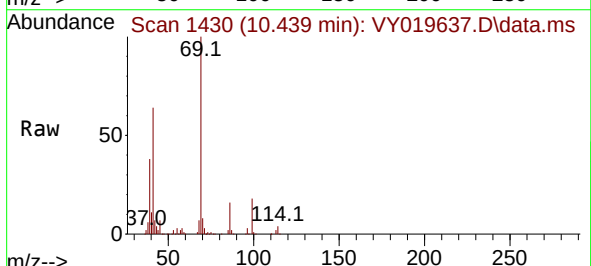
Tgt Ion: 69 Resp: 87750

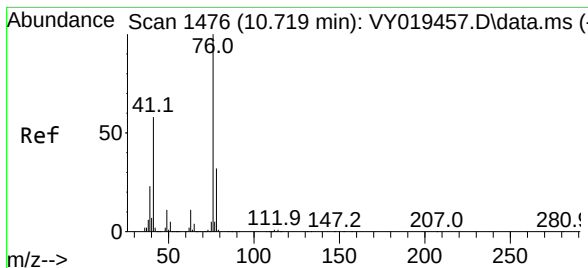
Ion Ratio Lower Upper

69 100

41 64.8 42.3 63.5#

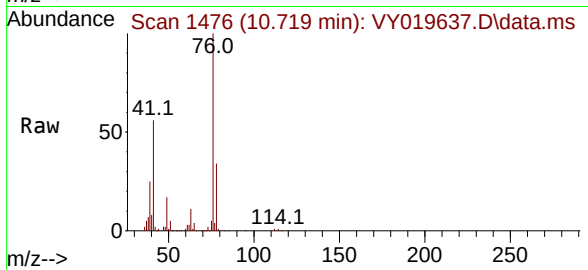
39 38.0 22.9 34.3#





#57
1,3-Dichloropropane
Concen: 20.746 ug/l
RT: 10.719 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VY019637.D
Acq: 20 Sep 2024 11:47

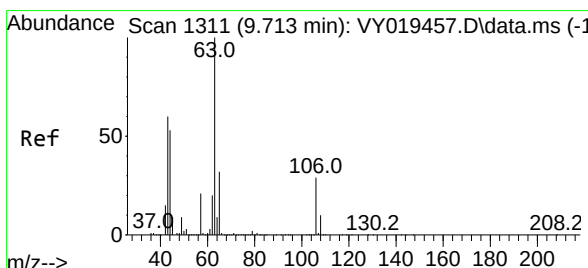
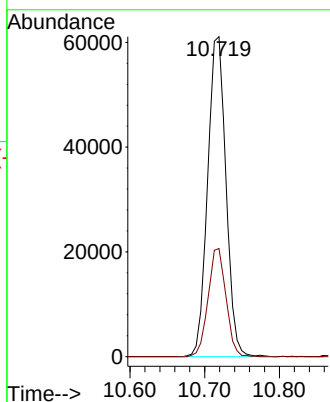
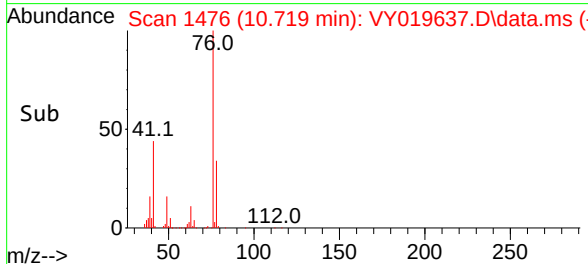
Instrument : MSVOA_Y
ClientSampleId : VY0920SBS01



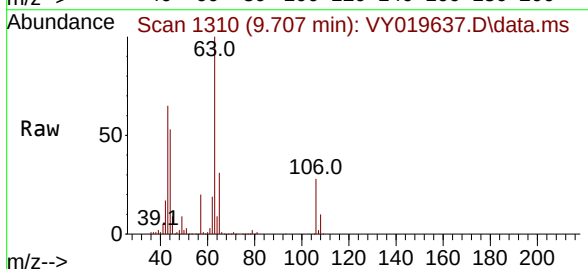
Tgt Ion: 76 Resp: 104379
Ion Ratio Lower Upper
76 100
78 33.0 26.2 39.4

Manual Integrations
APPROVED

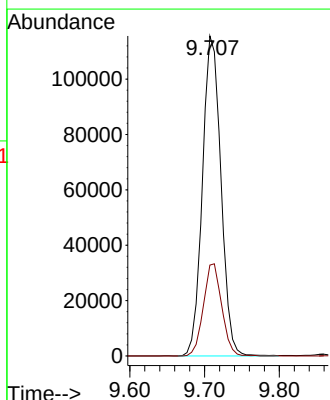
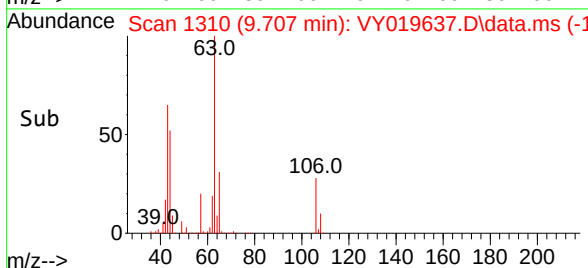
Reviewed By :Mahesh Dadoda 09/23/2024
Supervised By :Semsettin Yesilyurt 09/23/2024

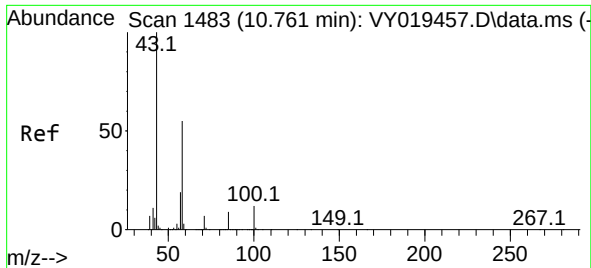


#58
2-Chloroethyl Vinyl ether
Concen: 96.279 ug/l
RT: 9.707 min Scan# 1310
Delta R.T. -0.006 min
Lab File: VY019637.D
Acq: 20 Sep 2024 11:47



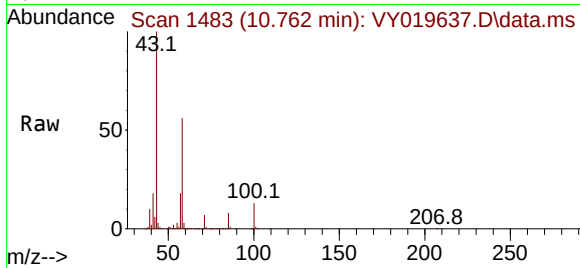
Tgt Ion: 63 Resp: 198691
Ion Ratio Lower Upper
63 100
106 28.5 23.7 35.5





#59
2-Hexanone
Concen: 102.015 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY019637.D
Acq: 20 Sep 2024 11:47

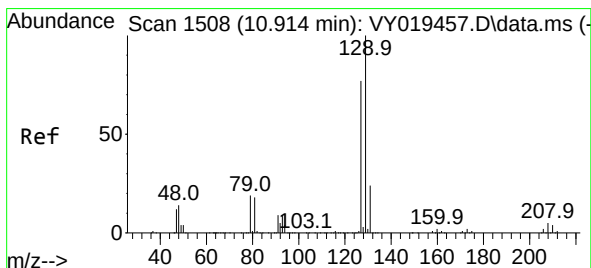
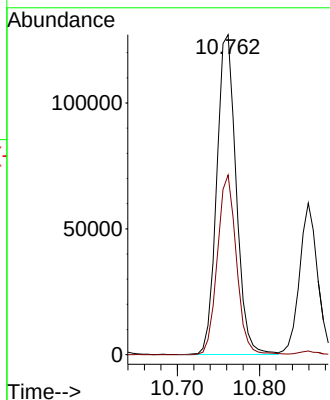
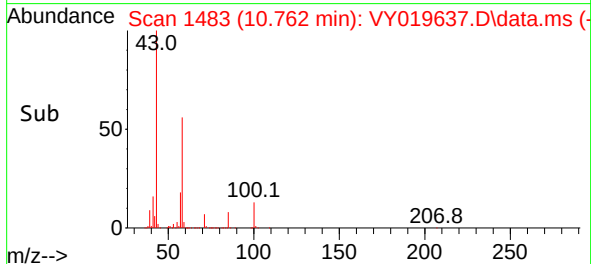
Instrument :
MSVOA_Y
ClientSampleId :
VY0920SBS01



Tgt Ion: 43 Resp: 20848
Ion Ratio Lower Upper
43 100
58 55.1 31.4 94.0

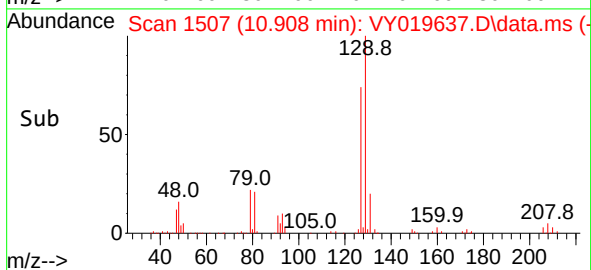
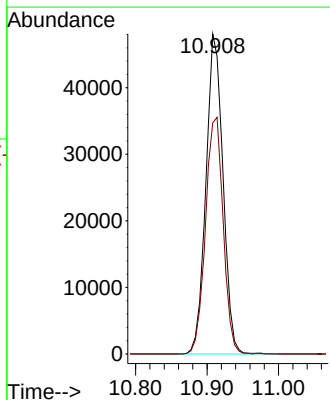
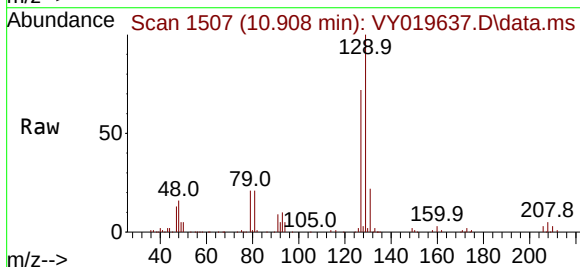
Manual Integrations
APPROVED

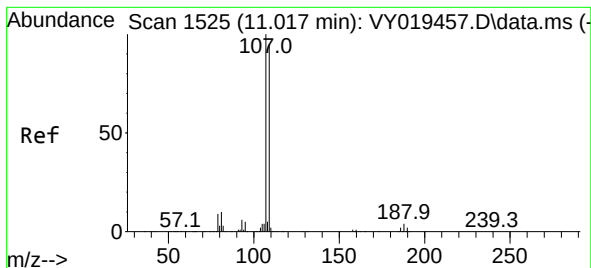
Reviewed By :Mahesh Dadoda 09/23/2024
Supervised By :Semsettin Yesilyurt 09/23/2024



#60
Dibromochloromethane
Concen: 20.520 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. -0.006 min
Lab File: VY019637.D
Acq: 20 Sep 2024 11:47

Tgt Ion:129 Resp: 79454
Ion Ratio Lower Upper
129 100
127 76.8 39.0 117.0





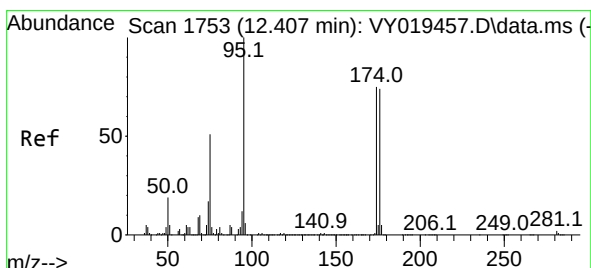
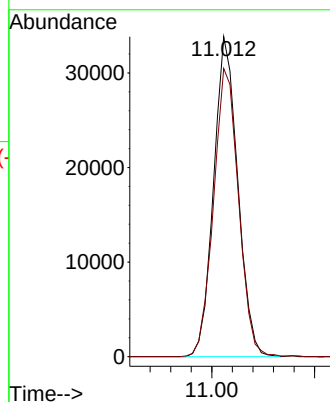
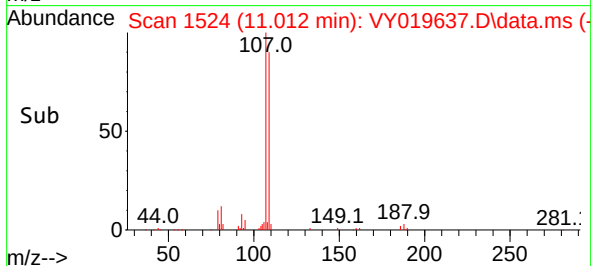
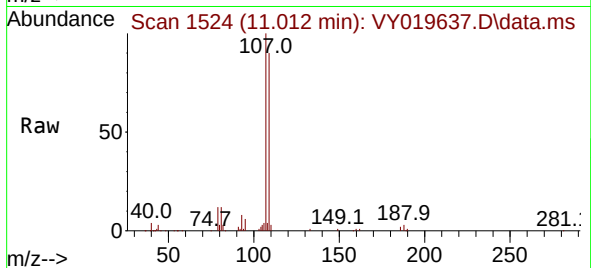
#61
1,2-Dibromoethane
Concen: 20.208 ug/l
RT: 11.012 min Scan# 1524
Delta R.T. -0.006 min
Lab File: VY019637.D
Acq: 20 Sep 2024 11:47

Instrument :
MSVOA_Y
ClientSampleId :
VY0920SBS01

Tgt Ion:107 Resp: 5511
Ion Ratio Lower Upper
107 100
109 93.5 75.9 113.9

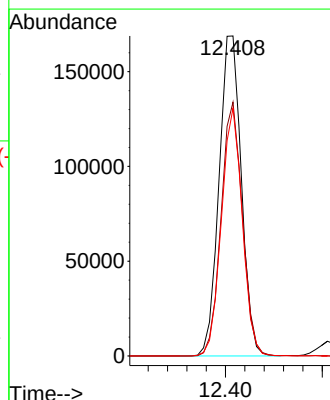
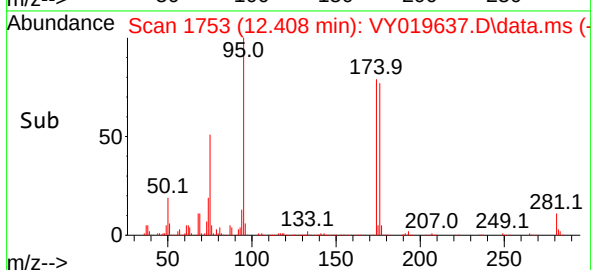
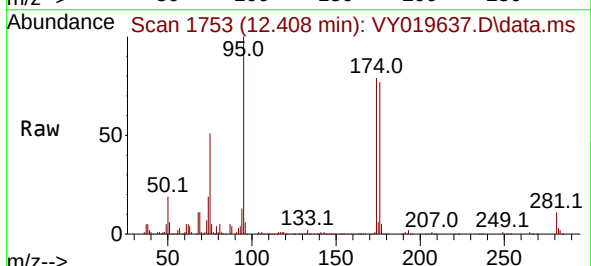
Manual Integrations
APPROVED

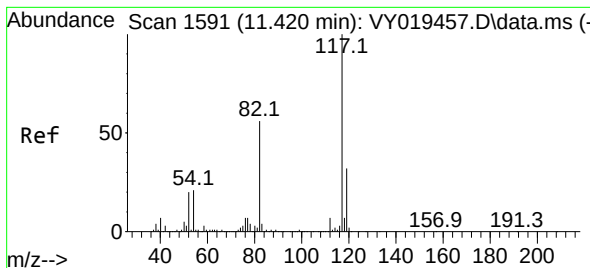
Reviewed By :Mahesh Dadoda 09/23/2024
Supervised By :Semsettin Yesilyurt 09/23/2024



#62
4-Bromofluorobenzene
Concen: 50.100 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY019637.D
Acq: 20 Sep 2024 11:47

Tgt Ion: 95 Resp: 269539
Ion Ratio Lower Upper
95 100
174 76.1 0.0 175.6
176 72.7 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY019637.D

Acq: 20 Sep 2024 11:47

Instrument :

MSVOA_Y

ClientSampleId :

VY0920SBS01

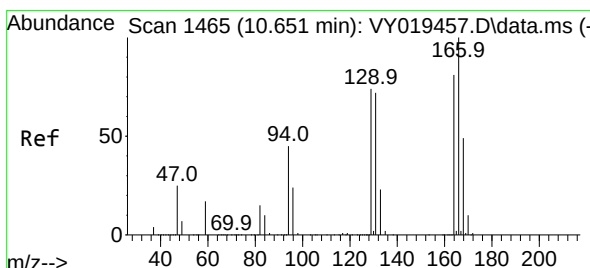
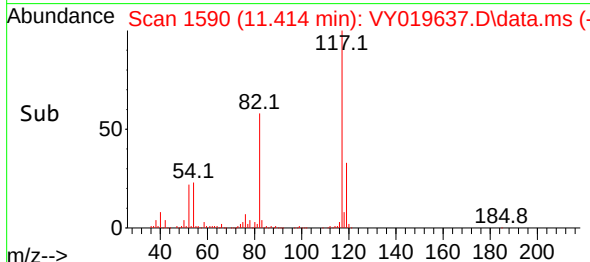
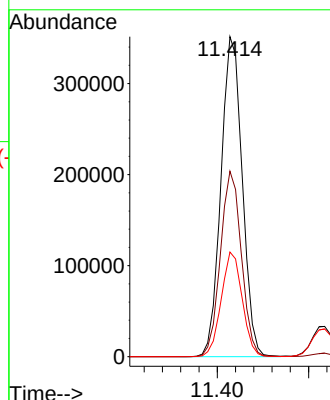
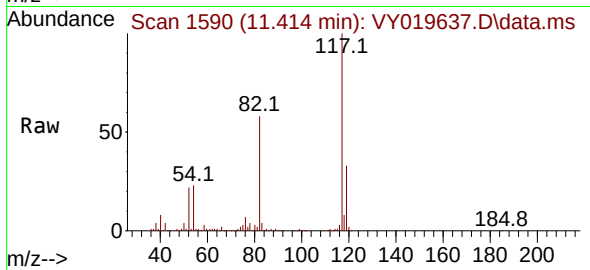
Tgt Ion:117 Resp: 569649

Ion	Ratio	Lower	Upper
117	100		
82	58.0	42.4	63.6
119	32.7	25.9	38.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/23/2024
Supervised By :Semsettin Yesilyurt 09/23/2024



#64

Tetrachloroethene

Concen: 19.582 ug/l

RT: 10.646 min Scan# 1464

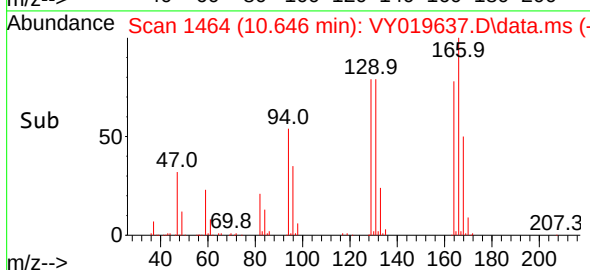
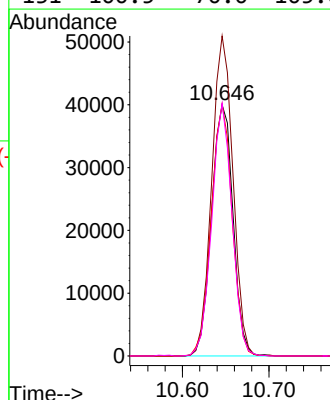
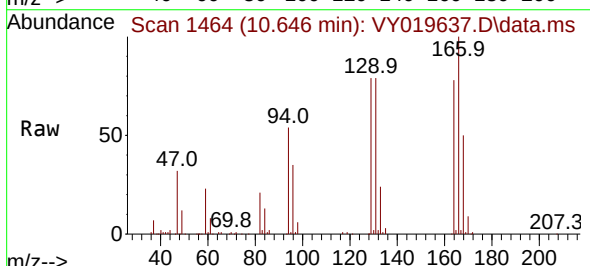
Delta R.T. -0.006 min

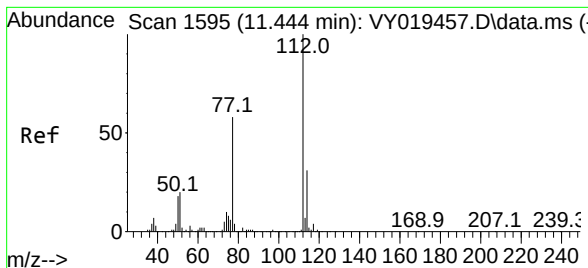
Lab File: VY019637.D

Acq: 20 Sep 2024 11:47

Tgt Ion:164 Resp: 69077

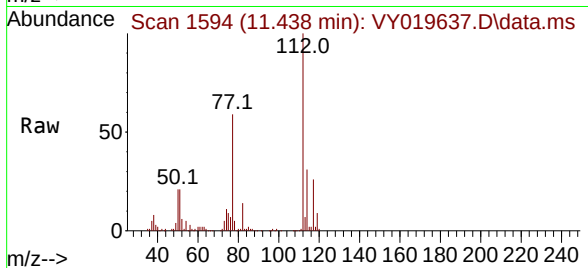
Ion	Ratio	Lower	Upper
164	100		
166	127.4	102.6	154.0
129	100.3	72.0	108.0
131	100.5	70.0	105.0





#65
Chlorobenzene
Concen: 20.302 ug/l
RT: 11.438 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY019637.D
Acq: 20 Sep 2024 11:47

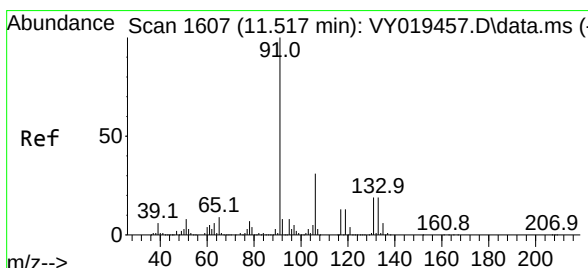
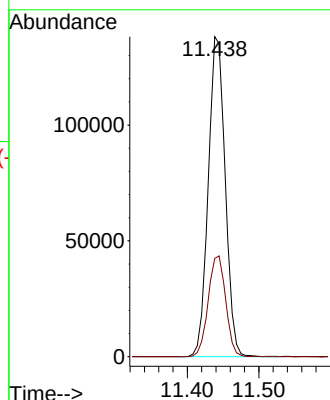
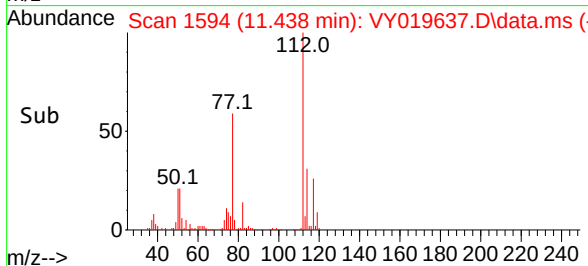
Instrument :
MSVOA_Y
ClientSampleId :
VY0920SBS01



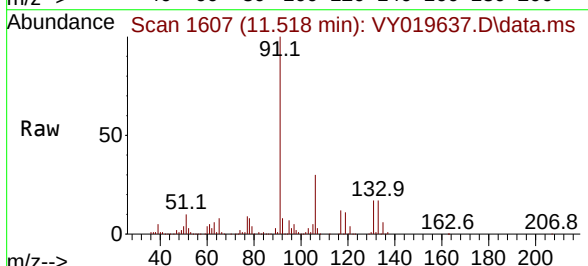
Tgt Ion:112 Resp: 227490
Ion Ratio Lower Upper
112 100
114 30.7 26.4 39.6

Manual Integrations
APPROVED

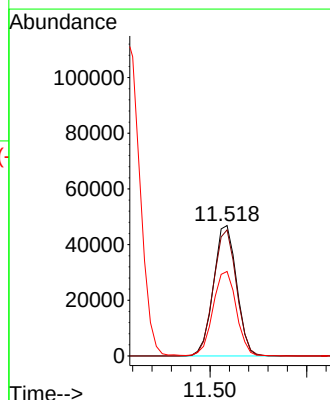
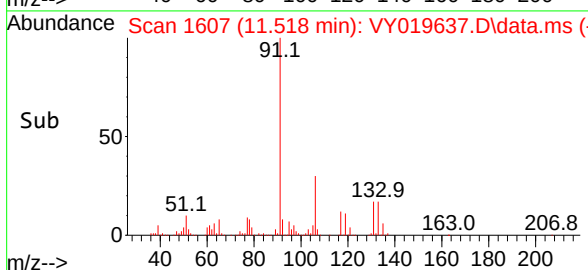
Reviewed By :Mahesh Dadoda 09/23/2024
Supervised By :Semsettin Yesilyurt 09/23/2024

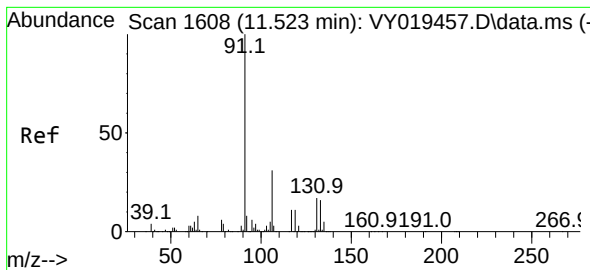


#66
1,1,1,2-Tetrachloroethane
Concen: 20.018 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY019637.D
Acq: 20 Sep 2024 11:47



Tgt Ion:131 Resp: 77665
Ion Ratio Lower Upper
131 100
133 96.5 47.8 143.3
119 65.6 34.1 102.2





#67

Ethyl Benzene

Concen: 20.311 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. -0.006 min

Lab File: VY019637.D

Acq: 20 Sep 2024 11:47

Instrument :

MSVOA_Y

ClientSampleId :

VY0920SBS01

Tgt Ion: 91 Resp: 404392

Ion Ratio Lower Upper

91 100

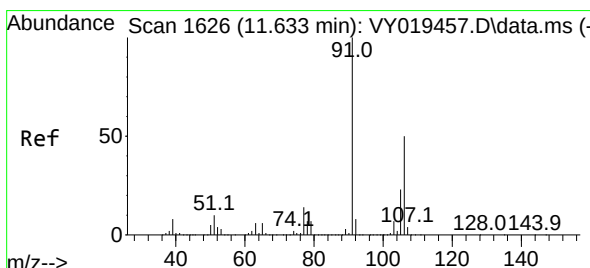
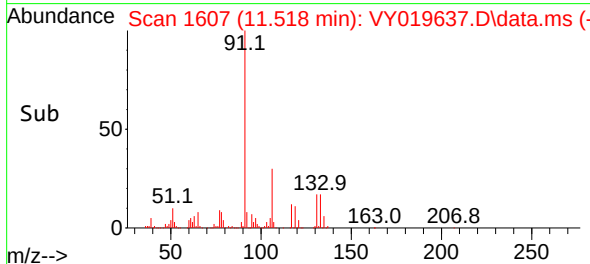
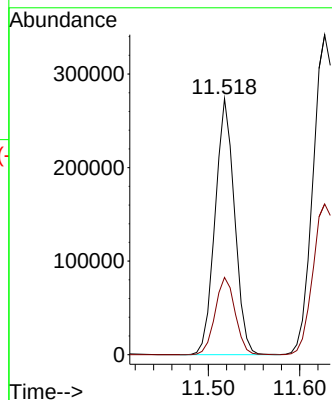
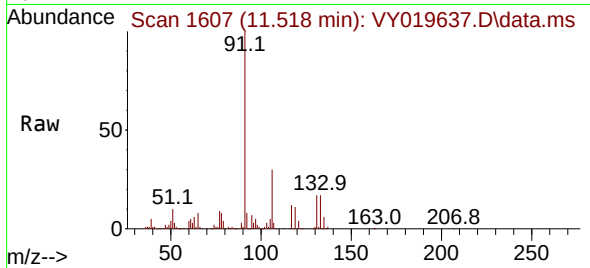
106 30.2 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/23/2024

Supervised By :Semsettin Yesilyurt 09/23/2024



#68

m/p-Xylenes

Concen: 39.678 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.006 min

Lab File: VY019637.D

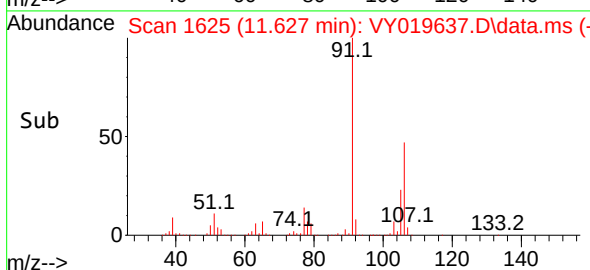
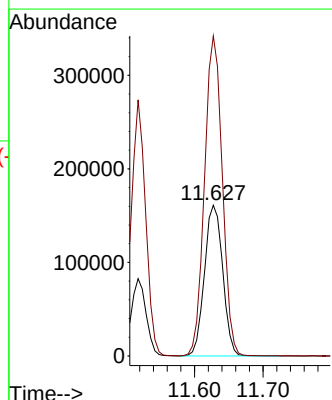
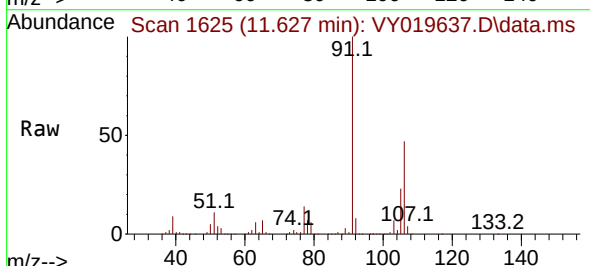
Acq: 20 Sep 2024 11:47

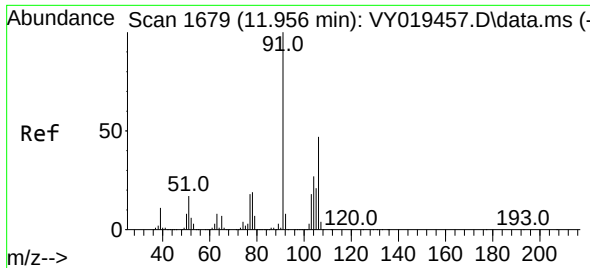
Tgt Ion:106 Resp: 298713

Ion Ratio Lower Upper

106 100

91 206.9 156.0 234.0





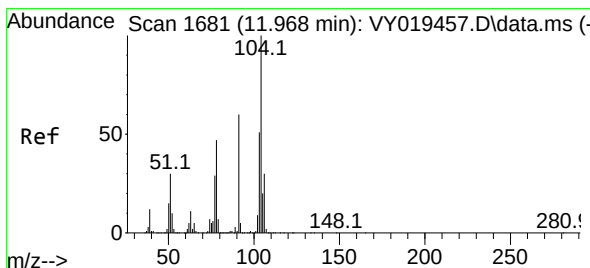
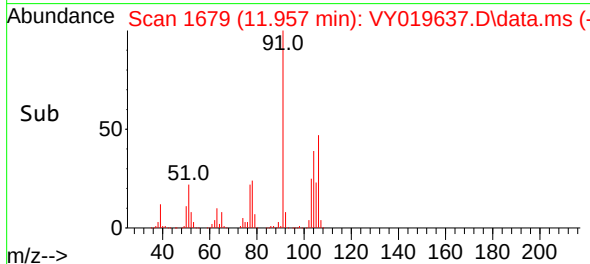
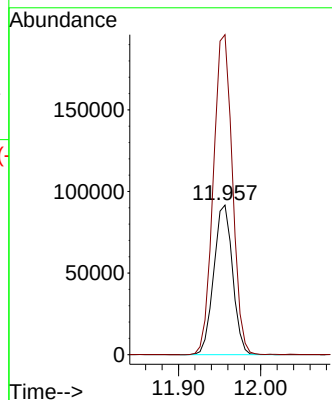
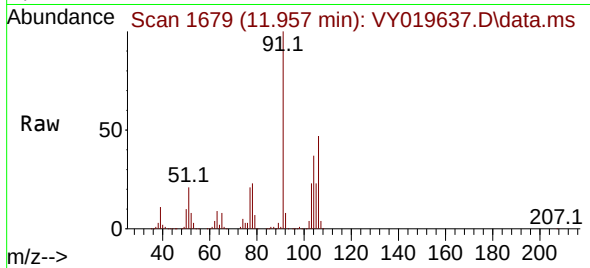
#69
o-Xylene
Concen: 19.796 ug/l
RT: 11.957 min Scan# 1106
Delta R.T. 0.000 min
Lab File: VY019637.D
Acq: 20 Sep 2024 11:47

Instrument :
MSVOA_Y
ClientSampleId :
VY0920SBS01

Tgt Ion:106 Resp: 145753
Ion Ratio Lower Upper
106 100
91 217.1 103.6 310.8

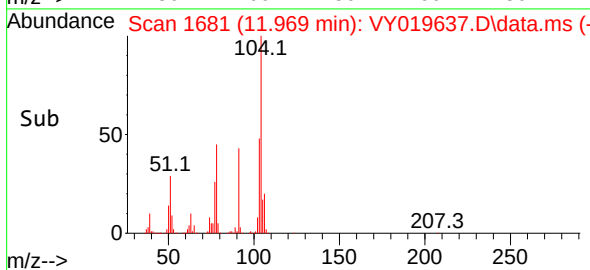
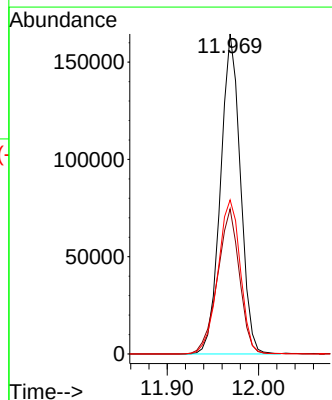
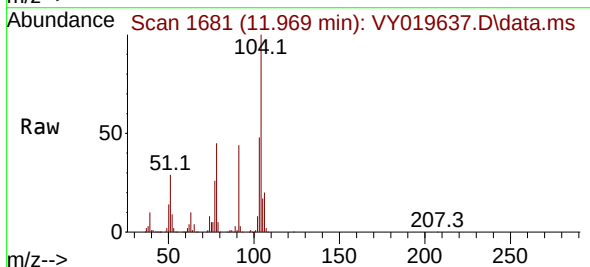
Manual Integrations
APPROVED

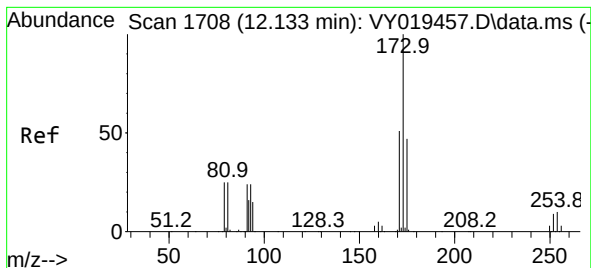
Reviewed By :Mahesh Dadoda 09/23/2024
Supervised By :Semsettin Yesilyurt 09/23/2024



#70
Styrene
Concen: 20.041 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VY019637.D
Acq: 20 Sep 2024 11:47

Tgt Ion:104 Resp: 249122
Ion Ratio Lower Upper
104 100
78 50.1 37.0 55.4
103 54.3 44.2 66.2





#71

Bromoform

Concen: 20.014 ug/l

RT: 12.133 min Scan# 1708

Delta R.T. 0.000 min

Lab File: VY019637.D

Acq: 20 Sep 2024 11:47

Instrument :

MSVOA_Y

ClientSampleId :

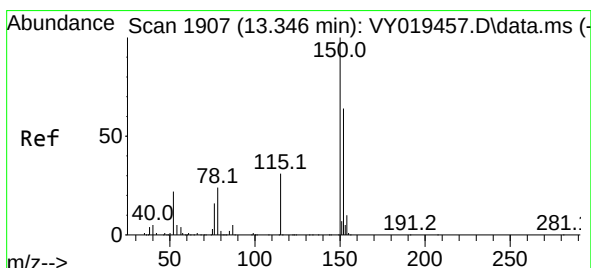
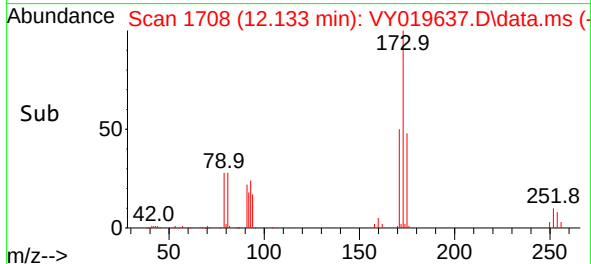
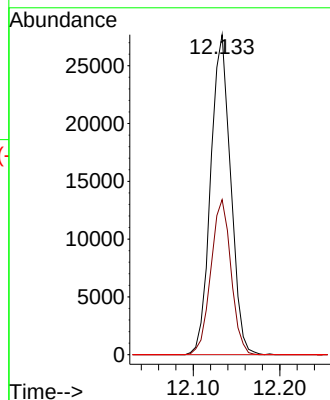
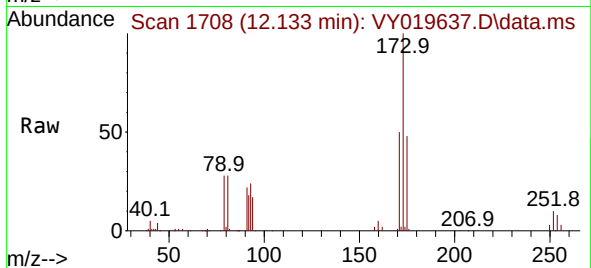
VY0920SBS01

Tgt Ion:173	Resp:	44349
Ion Ratio	Lower	Upper
173	100	
175	48.8	25.1 75.3
254	0.0	0.0 0.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/23/2024
Supervised By :Semsettin Yesilyurt 09/23/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

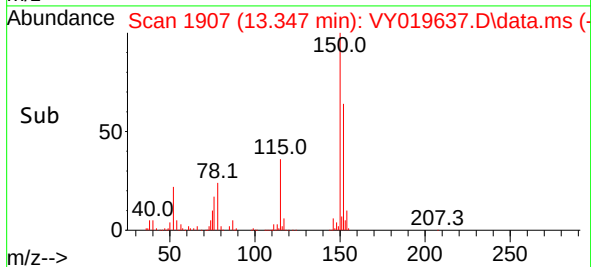
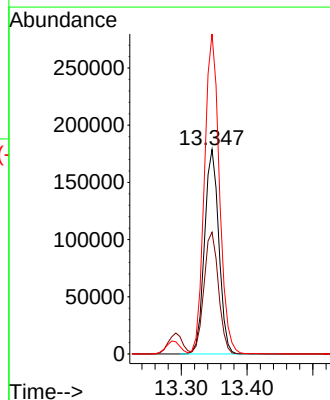
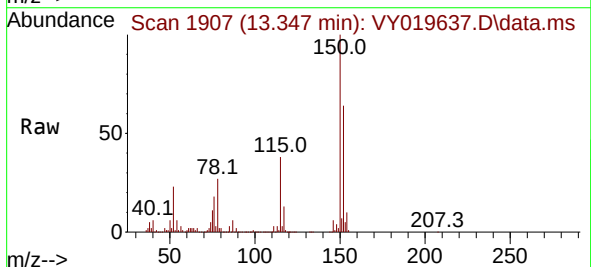
RT: 13.347 min Scan# 1907

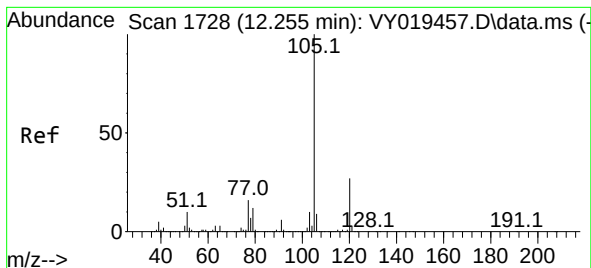
Delta R.T. 0.000 min

Lab File: VY019637.D

Acq: 20 Sep 2024 11:47

Tgt Ion:152	Resp:	269756
Ion Ratio	Lower	Upper
152	100	
115	60.6	28.2 84.7
150	163.8	0.0 345.6





#73

Isopropylbenzene

Concen: 20.231 ug/l

RT: 12.255 min Scan# 1728

Delta R.T. 0.000 min

Lab File: VY019637.D

Acq: 20 Sep 2024 11:47

Instrument :

MSVOA_Y

ClientSampleId :

VY0920SBS01

Tgt Ion:105 Resp: 395910

Ion Ratio Lower Upper

105 100

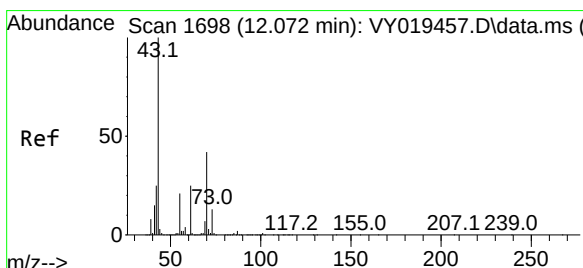
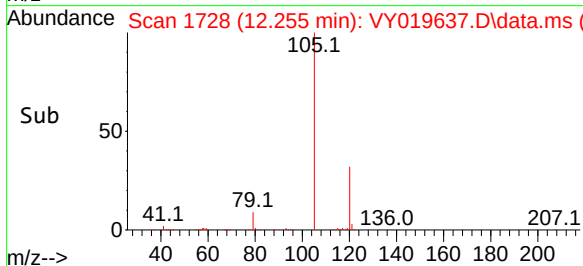
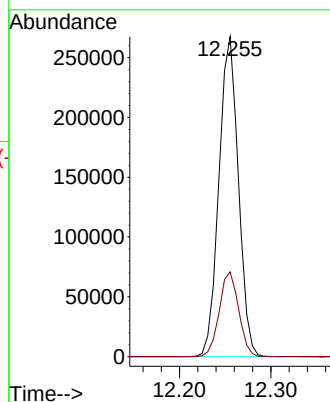
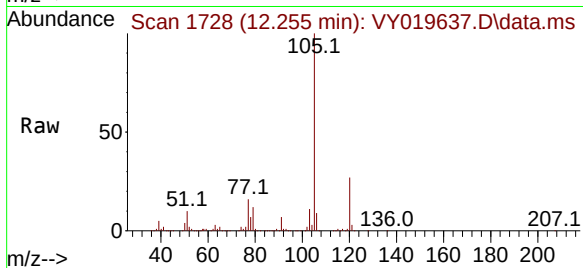
120 26.4 13.4 40.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/23/2024

Supervised By :Semsettin Yesilyurt 09/23/2024



#74

N-ethyl acetate

Concen: 19.018 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.000 min

Lab File: VY019637.D

Acq: 20 Sep 2024 11:47

Tgt Ion: 43 Resp: 101221

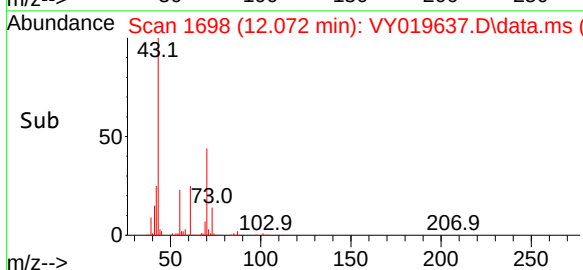
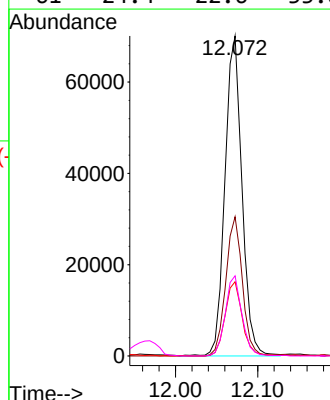
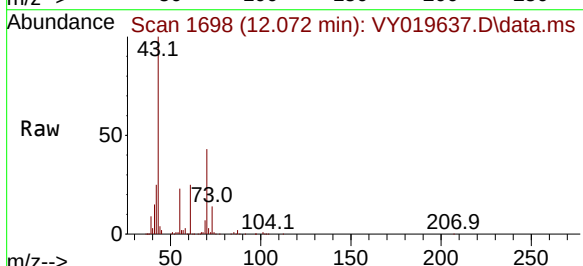
Ion Ratio Lower Upper

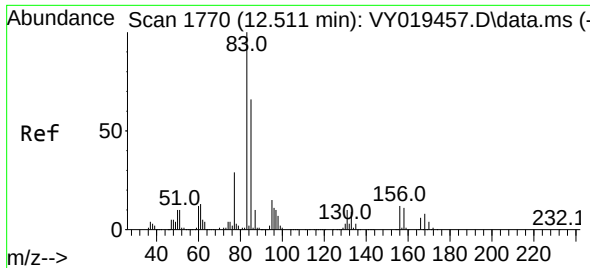
43 100

70 42.3 41.4 62.2

55 23.4 23.3 34.9

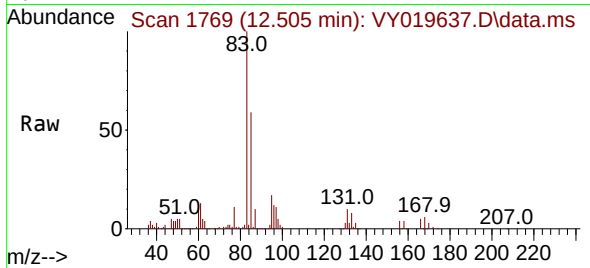
61 24.4 22.6 33.8





#75
1,1,2,2-Tetrachloroethane
Concen: 20.960 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. -0.006 min
Lab File: VY019637.D
Acq: 20 Sep 2024 11:47

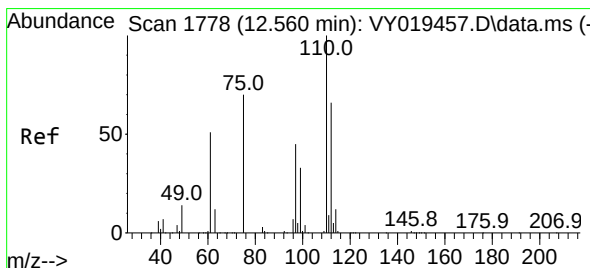
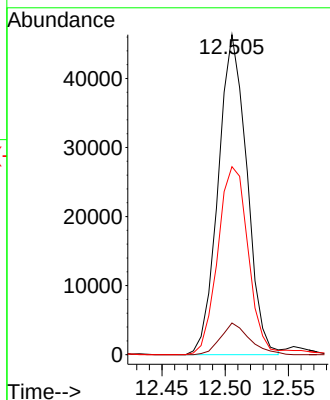
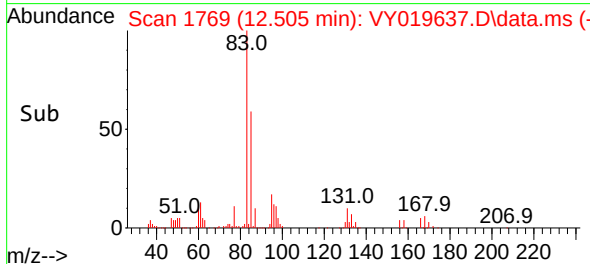
Instrument :
MSVOA_Y
ClientSampleId :
VY0920SBS01



Tgt Ion: 83 Resp: 72800
Ion Ratio Lower Upper
83 100
131 10.0 5.0 14.9
85 63.8 32.0 96.0

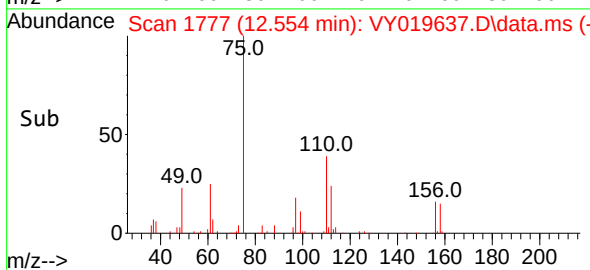
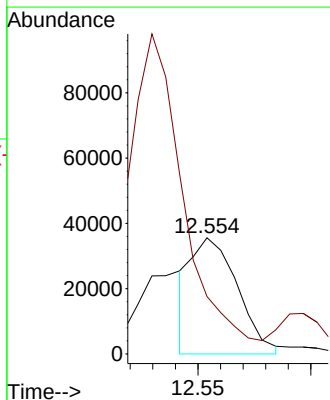
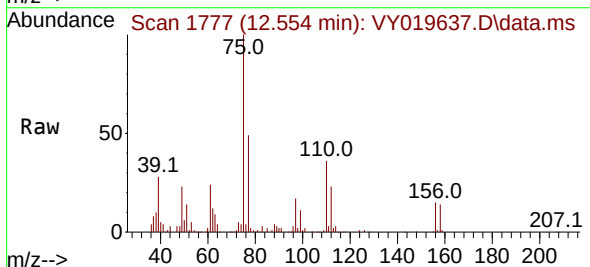
Manual Integrations
APPROVED

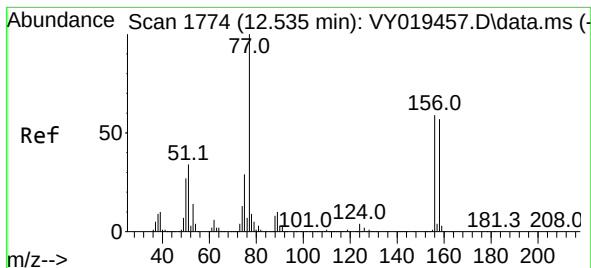
Reviewed By :Mahesh Dadoda 09/23/2024
Supervised By :Semsettin Yesilyurt 09/23/2024



#76
1,2,3-Trichloropropane
Concen: 20.170 ug/l m
RT: 12.554 min Scan# 1777
Delta R.T. -0.006 min
Lab File: VY019637.D
Acq: 20 Sep 2024 11:47

Tgt Ion: 75 Resp: 50998
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.740 ug/l

RT: 12.530 min Scan# 1774

Delta R.T. -0.006 min

Lab File: VY019637.D

Acq: 20 Sep 2024 11:47

Instrument :

MSVOA_Y

ClientSampleId :

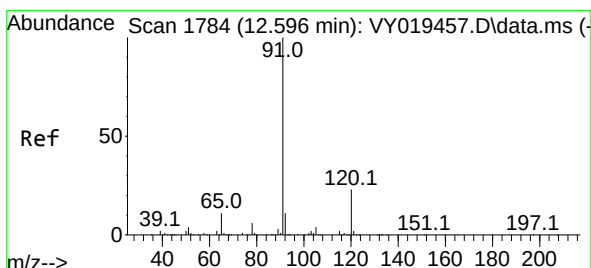
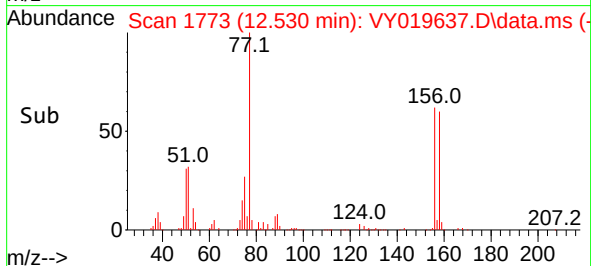
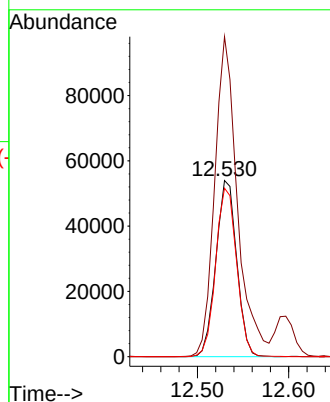
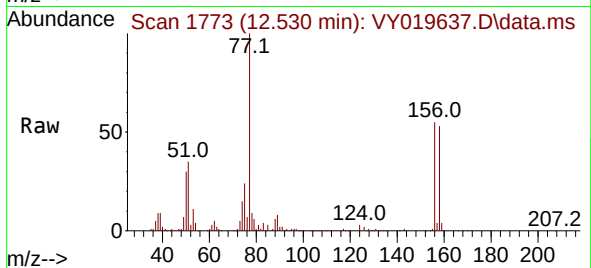
VY0920SBS01

Tgt Ion:	156	Resp:	85670
Ion Ratio	Lower	Upper	
156	100		
77	198.0	87.1	261.3
158	96.4	48.6	145.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/23/2024
Supervised By :Semsettin Yesilyurt 09/23/2024



#78

n-propylbenzene

Concen: 20.509 ug/l

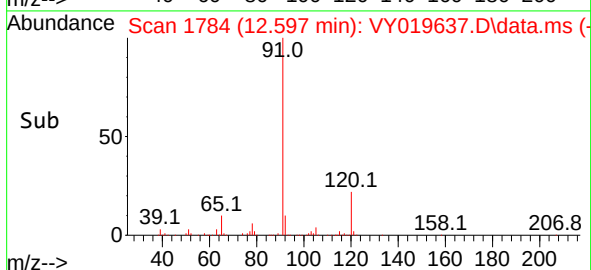
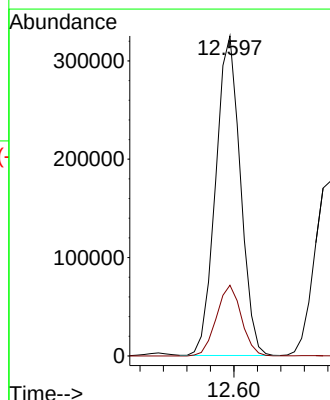
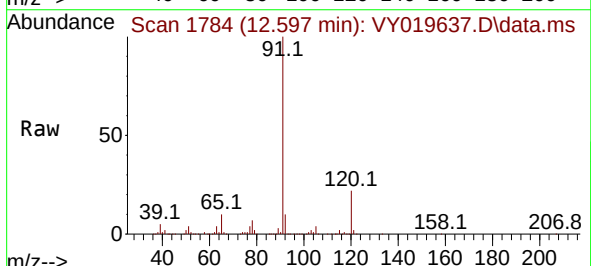
RT: 12.597 min Scan# 1784

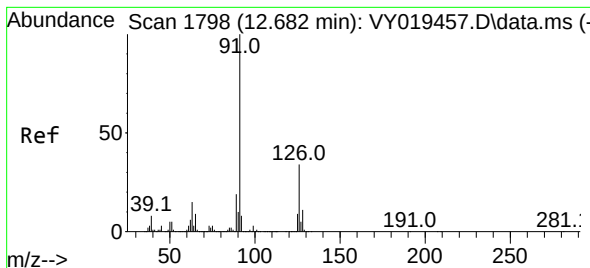
Delta R.T. 0.000 min

Lab File: VY019637.D

Acq: 20 Sep 2024 11:47

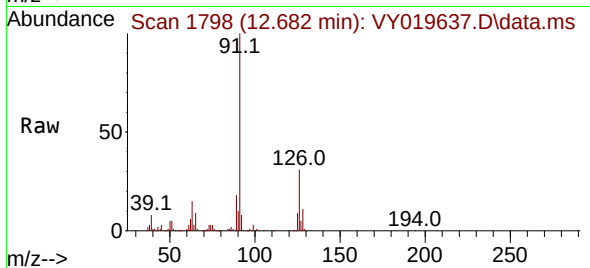
Tgt Ion:	91	Resp:	475720
Ion Ratio	Lower	Upper	
91	100		
120	22.3	11.5	34.4





#79
2-Chlorotoluene
Concen: 20.208 ug/l
RT: 12.682 min Scan# 1798
Delta R.T. 0.000 min
Lab File: VY019637.D
Acq: 20 Sep 2024 11:47

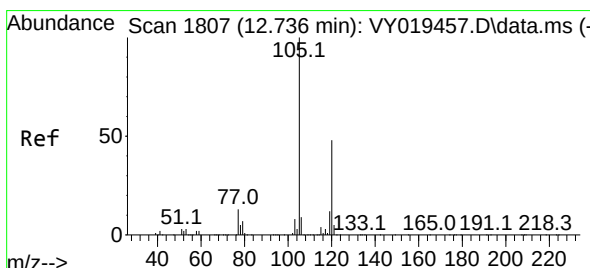
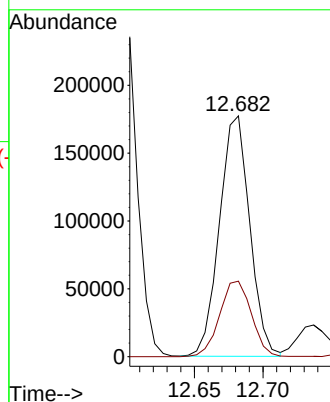
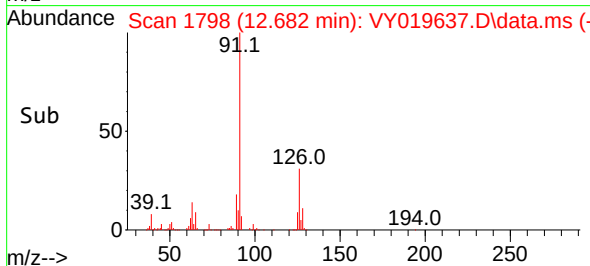
Instrument :
MSVOA_Y
ClientSampleId :
VY0920SBS01



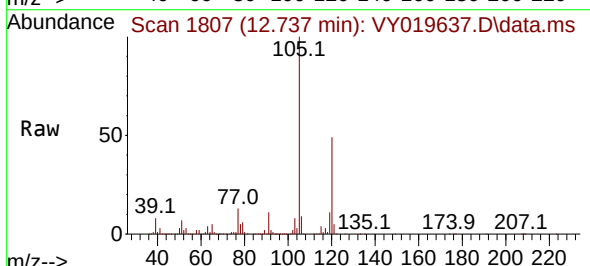
Tgt Ion: 91 Resp: 273160
Ion Ratio Lower Upper
91 100
126 32.9 17.8 53.5

Manual Integrations
APPROVED

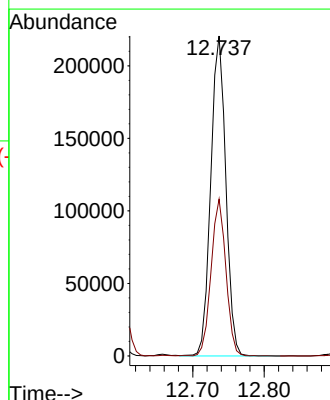
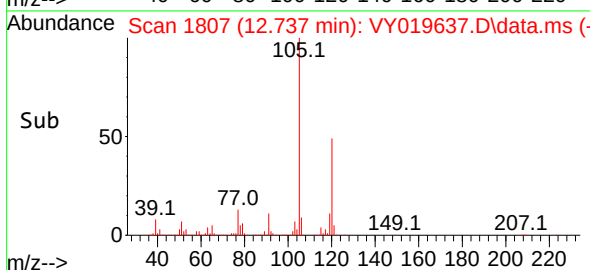
Reviewed By :Mahesh Dadoda 09/23/2024
Supervised By :Semsettin Yesilyurt 09/23/2024

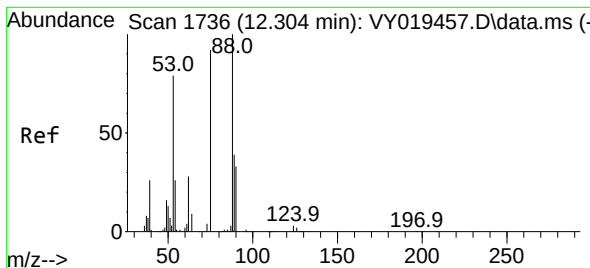


#80
1,3,5-Trimethylbenzene
Concen: 20.226 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY019637.D
Acq: 20 Sep 2024 11:47



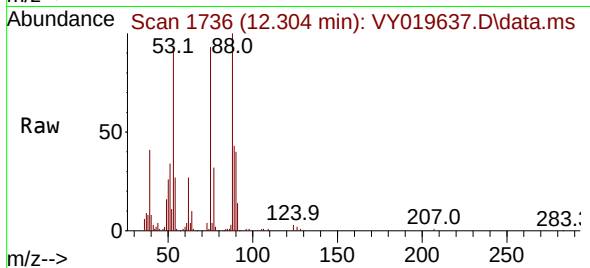
Tgt Ion:105 Resp: 321783
Ion Ratio Lower Upper
105 100
120 48.2 25.1 75.2





#81
trans-1,4-Dichloro-2-butene
Concen: 18.647 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY019637.D
Acq: 20 Sep 2024 11:47

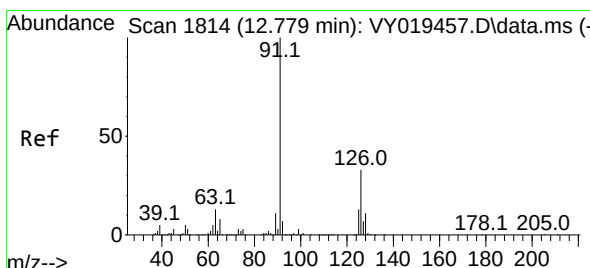
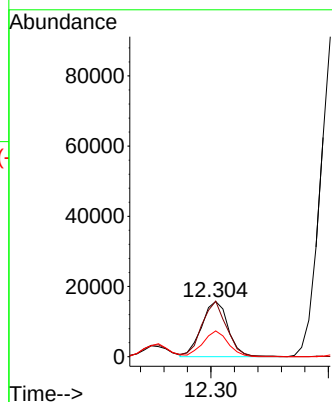
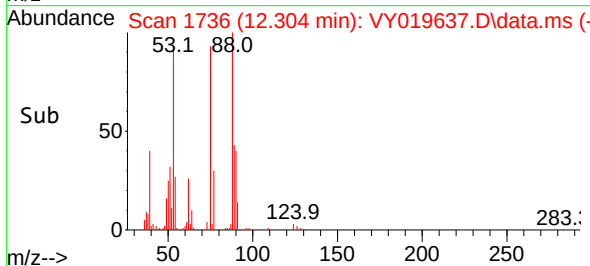
Instrument :
MSVOA_Y
ClientSampleId :
VY0920SBS01



Tgt Ion: 75 Resp: 24560
Ion Ratio Lower Upper
75 100
53 94.2 66.8 100.2
89 43.6 35.8 53.6

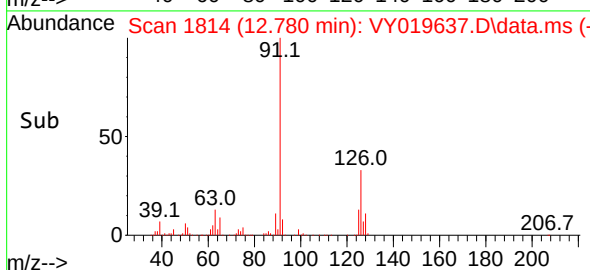
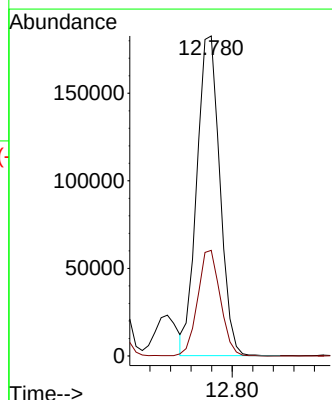
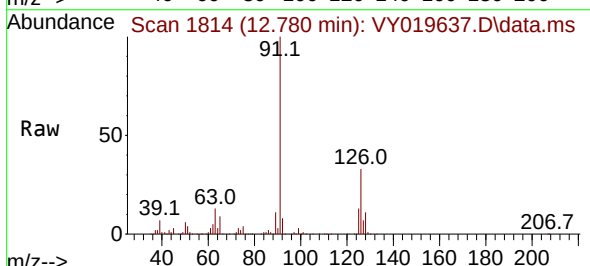
Manual Integrations
APPROVED

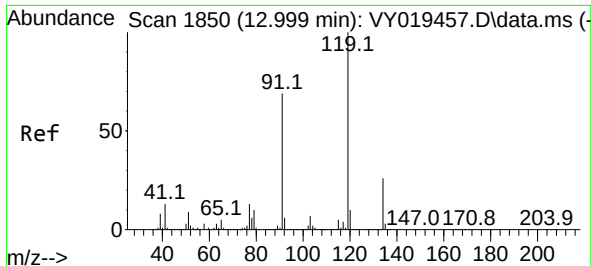
Reviewed By :Mahesh Dadoda 09/23/2024
Supervised By :Semsettin Yesilyurt 09/23/2024



#82
4-Chlorotoluene
Concen: 20.433 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY019637.D
Acq: 20 Sep 2024 11:47

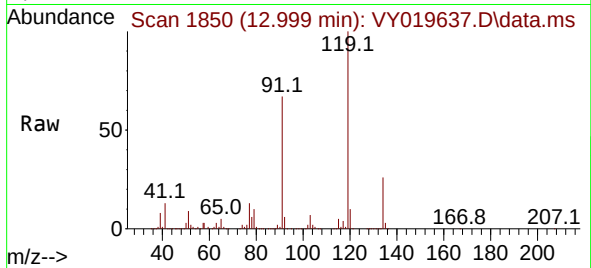
Tgt Ion: 91 Resp: 283969
Ion Ratio Lower Upper
91 100
126 32.6 17.6 52.9





#83
tert-Butylbenzene
Concen: 21.031 ug/l
RT: 12.999 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VY019637.D
Acq: 20 Sep 2024 11:47

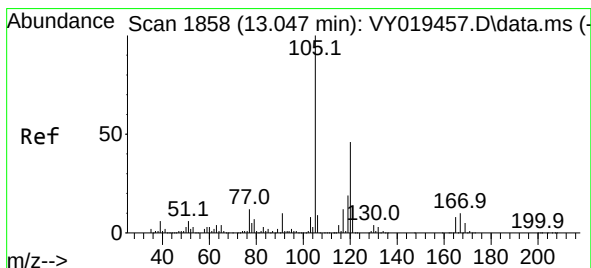
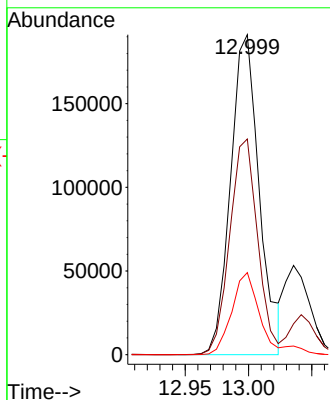
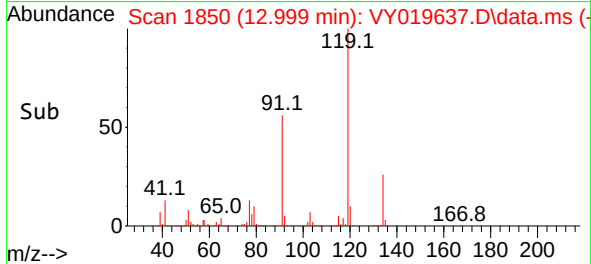
Instrument :
MSVOA_Y
ClientSampleId :
VY0920SBS01



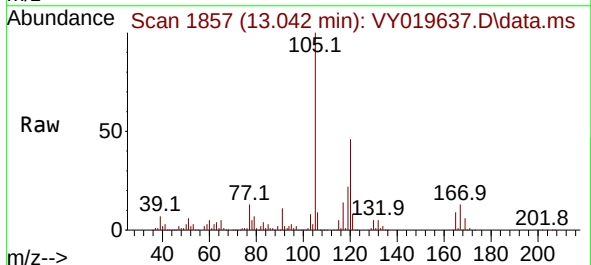
Tgt Ion:119 Resp: 302904
Ion Ratio Lower Upper
119 100
91 65.5 31.3 93.8
134 25.9 13.4 40.1

Manual Integrations
APPROVED

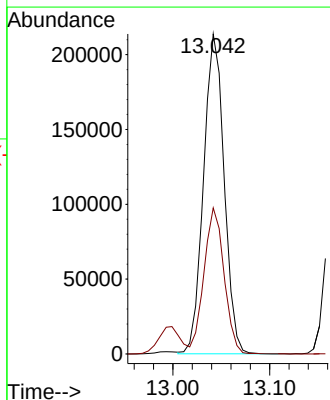
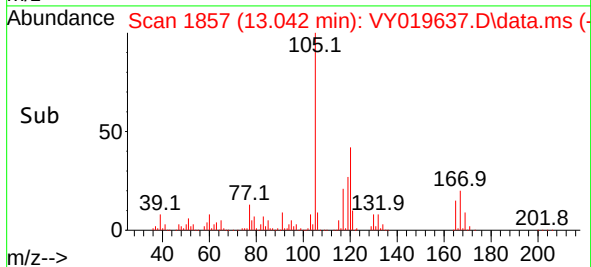
Reviewed By :Mahesh Dadoda 09/23/2024
Supervised By :Semsettin Yesilyurt 09/23/2024

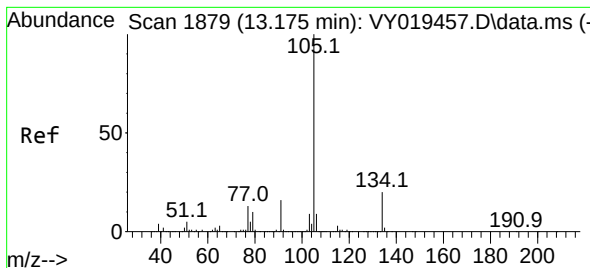


#84
1,2,4-Trimethylbenzene
Concen: 20.084 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. -0.006 min
Lab File: VY019637.D
Acq: 20 Sep 2024 11:47



Tgt Ion:105 Resp: 316290
Ion Ratio Lower Upper
105 100
120 44.5 23.2 69.6





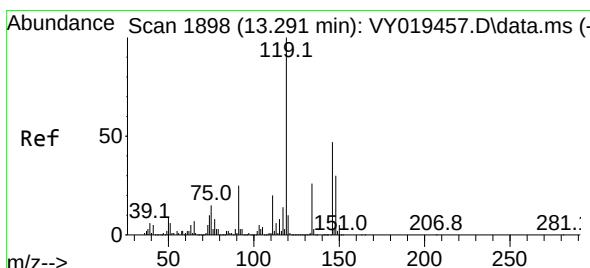
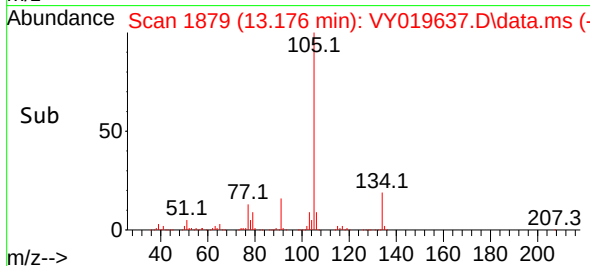
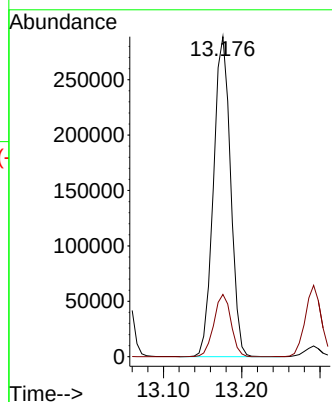
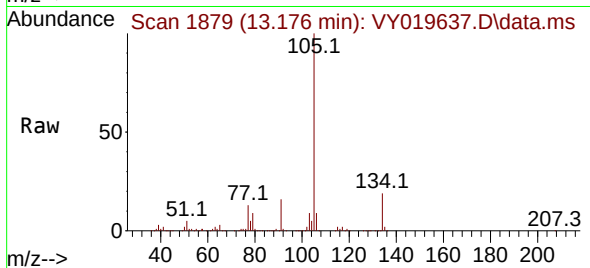
#85
 sec-Butylbenzene
 Concen: 20.905 ug/l
 RT: 13.176 min Scan# 1879
 Delta R.T. 0.000 min
 Lab File: VY019637.D
 Acq: 20 Sep 2024 11:47

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0920SBS01

Tgt Ion:105 Resp: 43740
 Ion Ratio Lower Upper
 105 100
 134 19.5 10.1 30.1

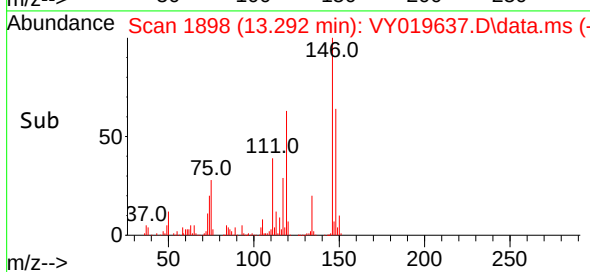
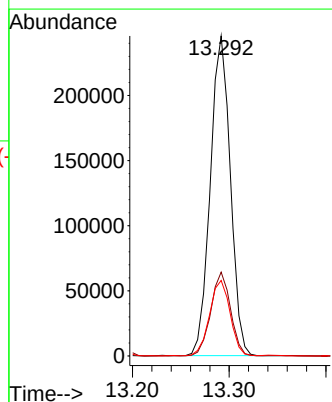
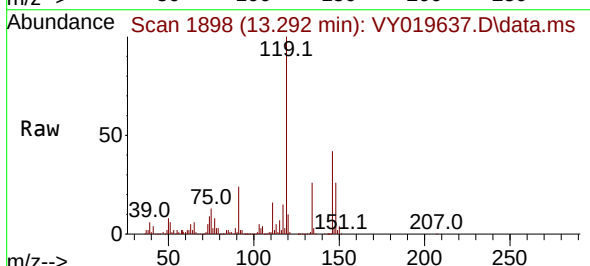
Manual Integrations
 APPROVED

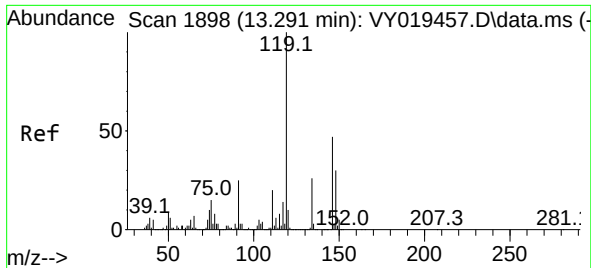
Reviewed By :Mahesh Dadoda 09/23/2024
 Supervised By :Semsettin Yesilyurt 09/23/2024



#86
 p-Isopropyltoluene
 Concen: 20.686 ug/l
 RT: 13.292 min Scan# 1898
 Delta R.T. 0.000 min
 Lab File: VY019637.D
 Acq: 20 Sep 2024 11:47

Tgt Ion:119 Resp: 354122
 Ion Ratio Lower Upper
 119 100
 134 25.9 13.1 39.3
 91 24.1 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 20.466 ug/l

RT: 13.286 min Scan# 1897

Delta R.T. -0.006 min

Lab File: VY019637.D

Acq: 20 Sep 2024 11:47

Instrument :

MSVOA_Y

ClientSampleId :

VY0920SBS01

Tgt Ion:146 Resp: 172608

Ion Ratio Lower Upper

146 100

111 40.9 19.0 57.0

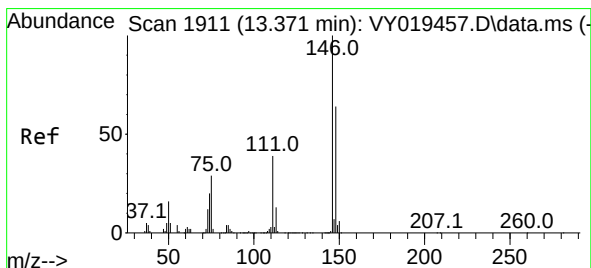
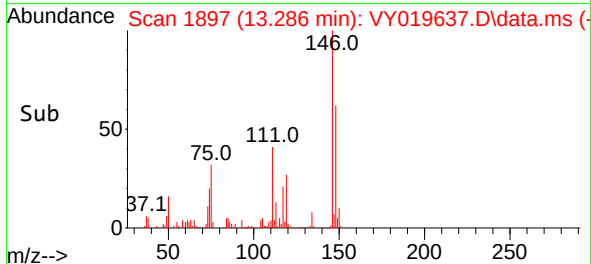
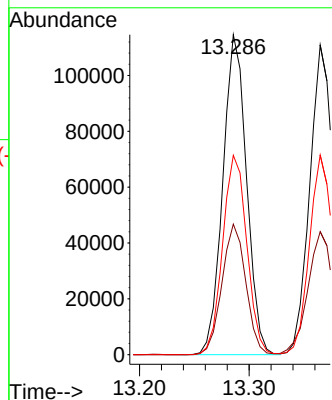
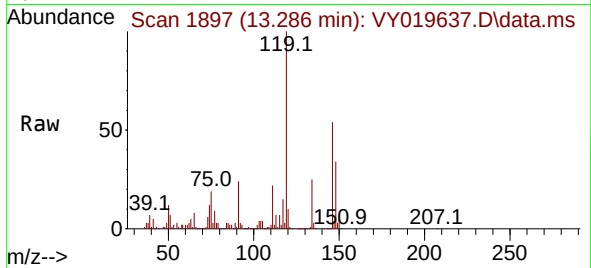
148 63.5 31.7 95.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/23/2024

Supervised By :Semsettin Yesilyurt 09/23/2024



#88

1,4-Dichlorobenzene

Concen: 20.211 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. -0.006 min

Lab File: VY019637.D

Acq: 20 Sep 2024 11:47

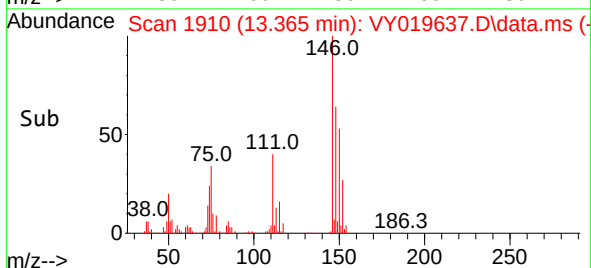
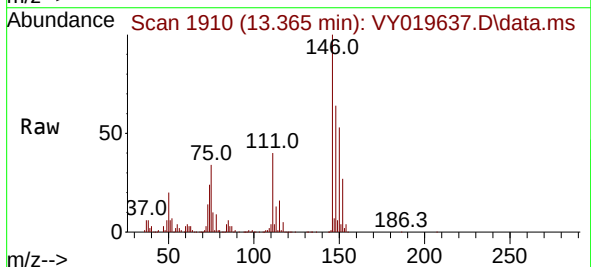
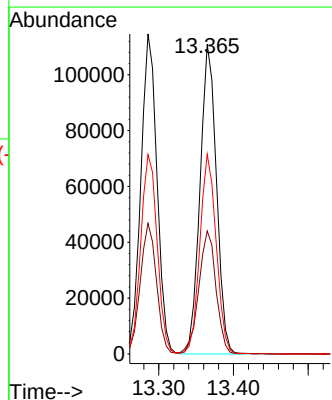
Tgt Ion:146 Resp: 169163

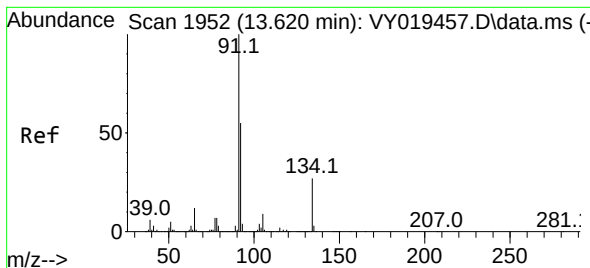
Ion Ratio Lower Upper

146 100

111 41.6 18.4 55.4

148 64.3 32.4 97.2





#89

n-Butylbenzene

Concen: 20.813 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. -0.006 min

Lab File: VY019637.D

Acq: 20 Sep 2024 11:47

Instrument :

MSVOA_Y

ClientSampleId :

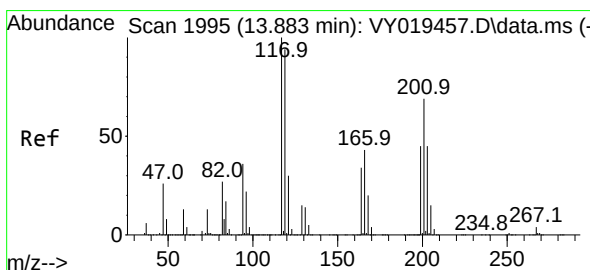
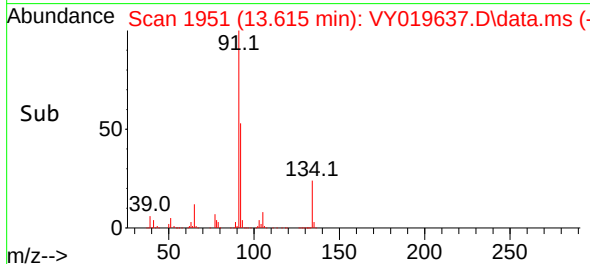
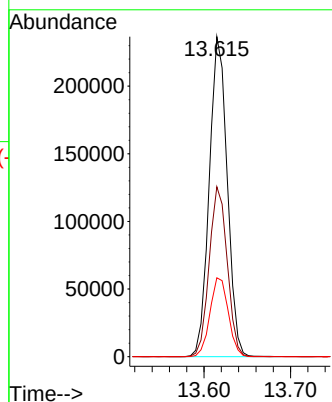
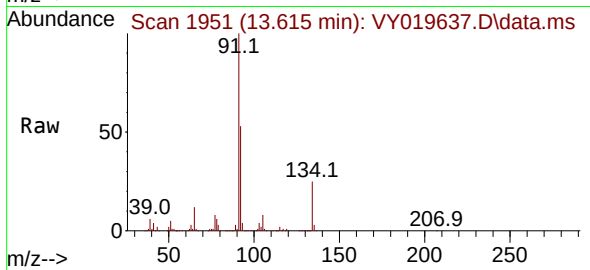
VY0920SBS01

Tgt Ion:	91	Resp:	340610
Ion	Ratio	Lower	Upper
91	100		
92	53.3	26.6	79.7
134	25.2	12.9	38.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/23/2024
Supervised By :Semsettin Yesilyurt 09/23/2024



#90

Hexachloroethane

Concen: 20.072 ug/l

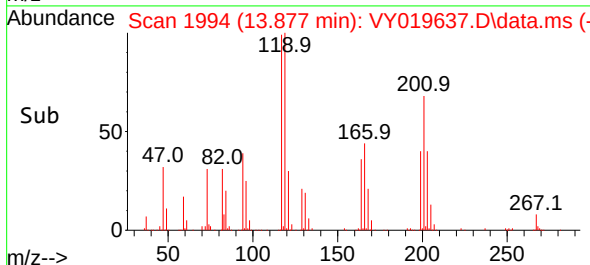
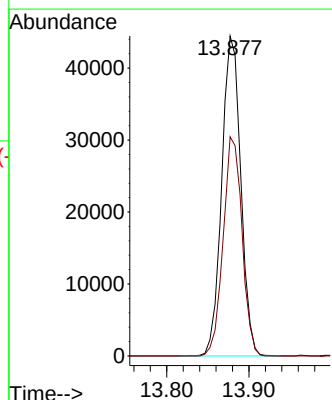
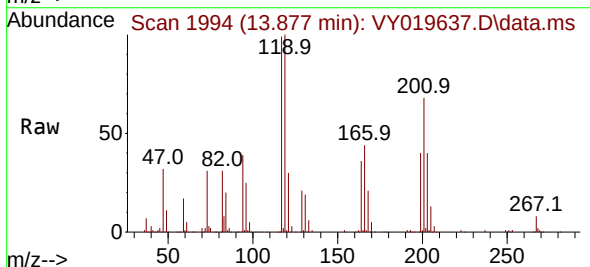
RT: 13.877 min Scan# 1994

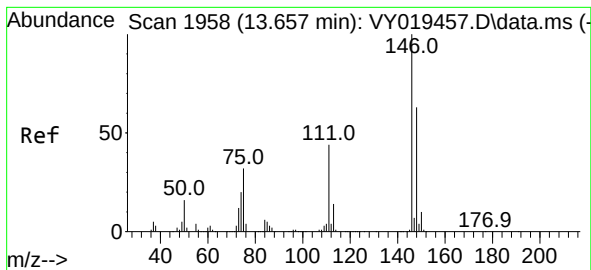
Delta R.T. -0.006 min

Lab File: VY019637.D

Acq: 20 Sep 2024 11:47

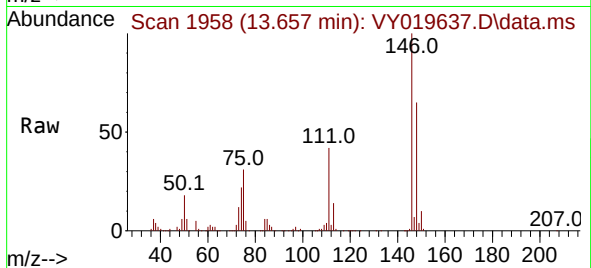
Tgt Ion:	117	Resp:	71495
Ion	Ratio	Lower	Upper
117	100		
201	68.0	37.4	112.2





#91
1,2-Dichlorobenzene
Concen: 20.280 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. 0.000 min
Lab File: VY019637.D
Acq: 20 Sep 2024 11:47

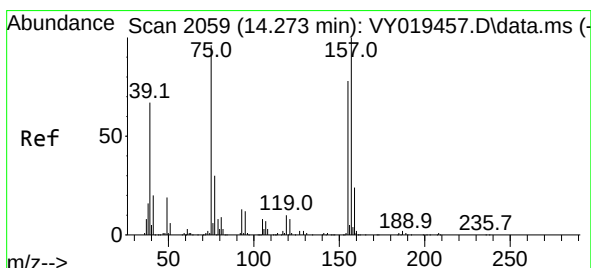
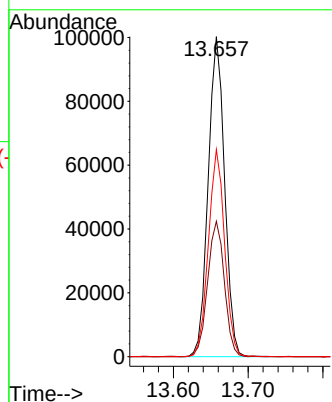
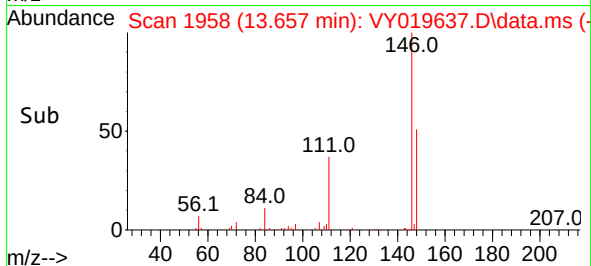
Instrument :
MSVOA_Y
ClientSampleId :
VY0920SBS01



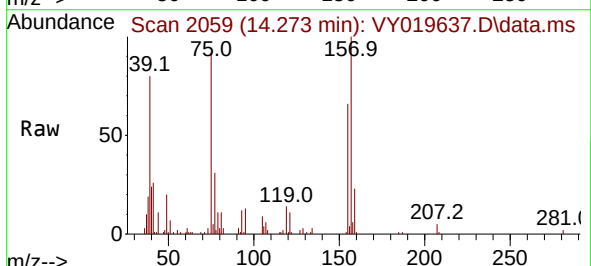
Tgt Ion:146 Resp: 15263
Ion Ratio Lower Upper
146 100
111 43.2 19.9 59.7
148 64.2 31.8 95.4

Manual Integrations
APPROVED

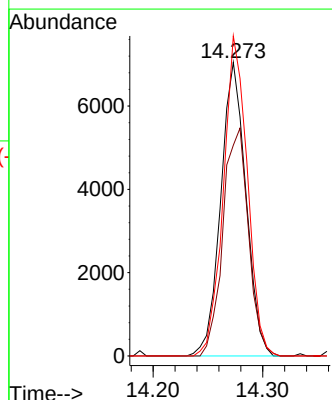
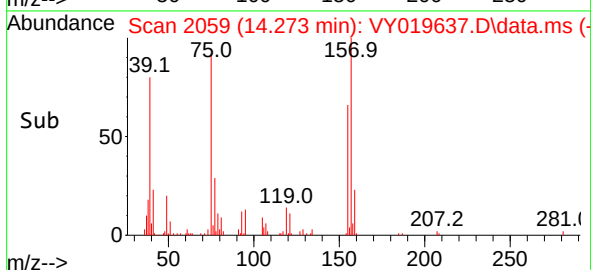
Reviewed By :Mahesh Dadoda 09/23/2024
Supervised By :Semsettin Yesilyurt 09/23/2024

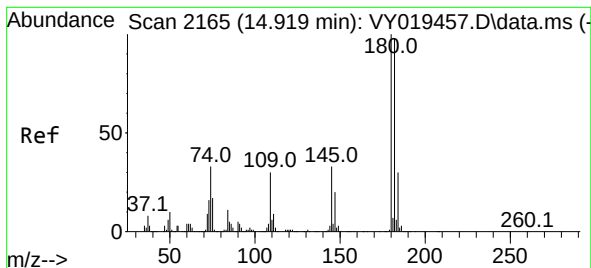


#92
1,2-Dibromo-3-Chloropropane
Concen: 19.416 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. 0.000 min
Lab File: VY019637.D
Acq: 20 Sep 2024 11:47



Tgt Ion: 75 Resp: 11240
Ion Ratio Lower Upper
75 100
155 78.6 48.6 145.8
157 104.0 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 18.747 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY019637.D

Acq: 20 Sep 2024 11:47

Instrument :

MSVOA_Y

ClientSampleId :

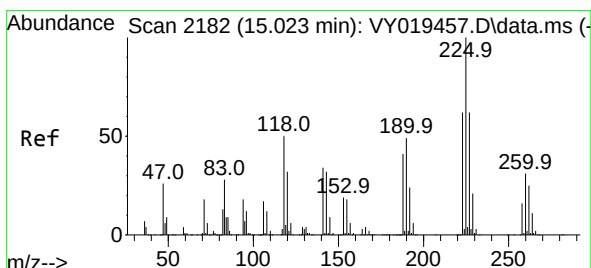
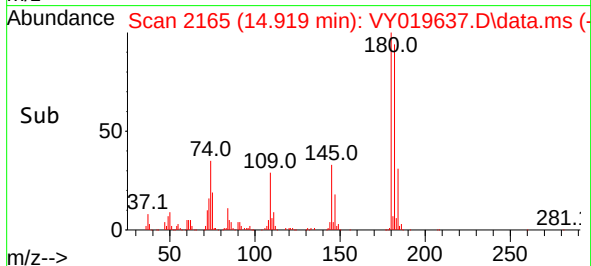
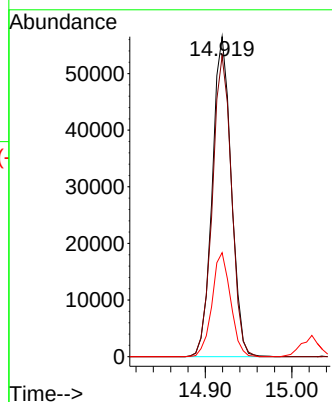
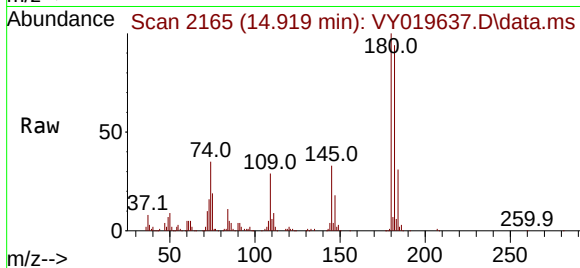
VY0920SBS01

Tgt Ion:180	Resp:	8581
Ion Ratio	Lower	Upper
180	100	
182	94.7	47.9 143.8
145	31.9	14.2 42.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/23/2024
Supervised By :Semsettin Yesilyurt 09/23/2024



#94

Hexachlorobutadiene

Concen: 19.339 ug/l

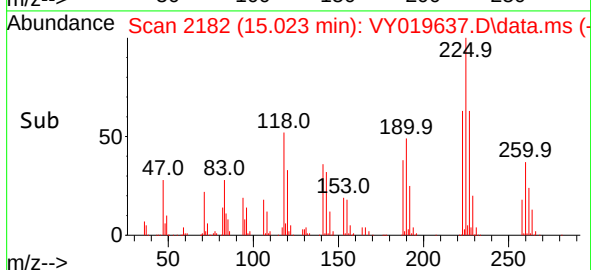
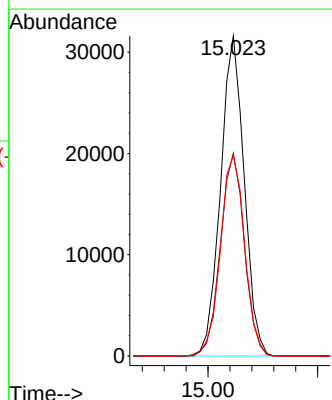
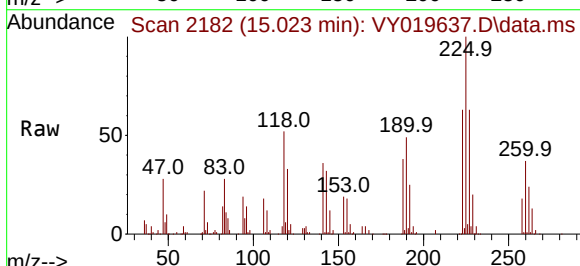
RT: 15.023 min Scan# 2182

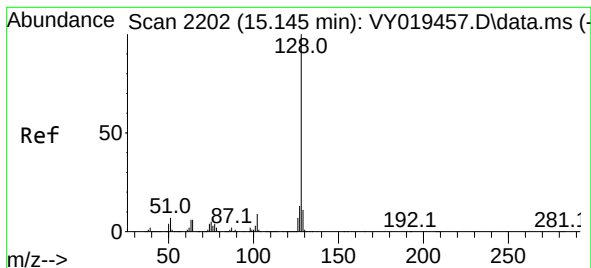
Delta R.T. 0.000 min

Lab File: VY019637.D

Acq: 20 Sep 2024 11:47

Tgt Ion:225	Resp:	47291
Ion Ratio	Lower	Upper
225	100	
223	64.0	30.4 91.2
227	64.3	31.9 95.9





#95

Naphthalene

Concen: 18.090 ug/l

RT: 15.145 min Scan# 2202

Delta R.T. 0.000 min

Lab File: VY019637.D

Acq: 20 Sep 2024 11:47

Instrument :

MSVOA_Y

ClientSampleId :

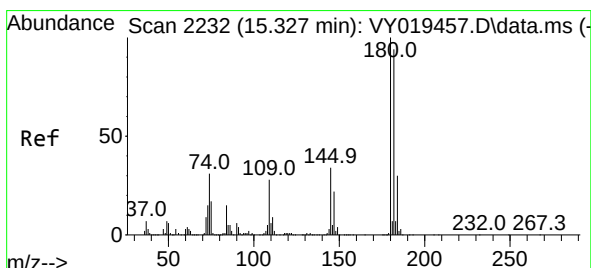
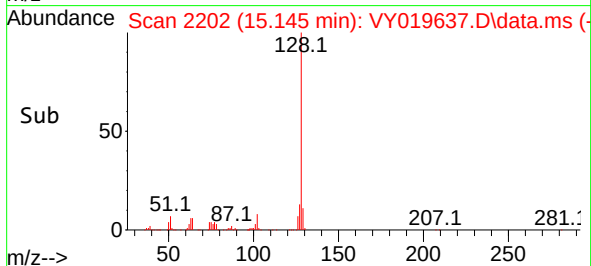
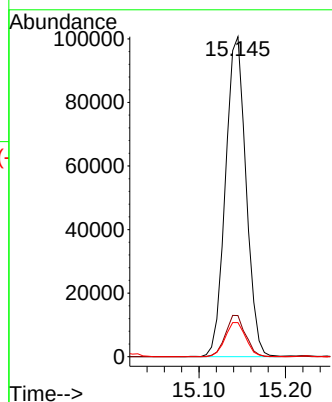
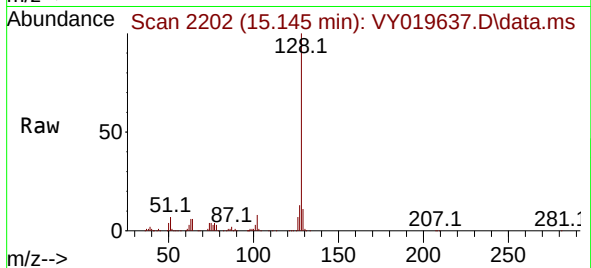
VY0920SBS01

Tgt Ion:	128	Resp:	16582
Ion Ratio	Lower	Upper	
128	100		
127	12.6	10.6	16.0
129	10.8	8.6	13.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/23/2024
Supervised By :Semsettin Yesilyurt 09/23/2024



#96

1,2,3-Trichlorobenzene

Concen: 18.098 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY019637.D

Acq: 20 Sep 2024 11:47

Tgt Ion:	180	Resp:	70861
Ion Ratio	Lower	Upper	
180	100		
182	95.6	47.6	142.9
145	35.4	15.4	46.1

