

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121724\
 Data File : VY020612.D
 Acq On : 17 Dec 2024 09:38
 Operator : SY/MD
 Sample : VSTDICC005
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 12/18/2024
 Supervised By :Semsettin Yesilyurt 12/18/2024

Quant Time: Dec 18 00:51:24 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121724S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 18 00:47:45 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	168231	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	266232	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	230645	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	124565	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	11420	6.198	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	12.400%#		
35) Dibromofluoromethane	7.634	113	10378	5.531	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	11.060%#		
50) Toluene-d8	10.103	98	39502	6.015	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	12.020%#		
62) 4-Bromofluorobenzene	12.408	95	15338	5.970	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery =	11.940%#		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	13405	6.379	ug/l	100
3) Chloromethane	2.074	50	10637	6.832	ug/l	93
4) Vinyl Chloride	2.208	62	9876	6.815	ug/l	97
5) Bromomethane	2.598	94	6357	6.824	ug/l	87
6) Chloroethane	2.732	64	5975	6.672	ug/l	98
7) Trichlorofluoromethane	3.062	101	20374	6.719	ug/l	93
8) Diethyl Ether	3.458	74	7119	6.695	ug/l	87
9) 1,1,2-Trichlorotrifluo...	3.812	101	14115	6.494	ug/l	98
10) Methyl Iodide	4.007	142	15015	6.205	ug/l	97
11) Tert butyl alcohol	4.848	59	10625	44.616	ug/l #	84
12) 1,1-Dichloroethene	3.787	96	13864	6.574	ug/l	94
13) Acrolein	3.659	56	3529	40.507	ug/l	100
14) Allyl chloride	4.391	41	24045	6.507	ug/l	99
15) Acrylonitrile	5.055	53	15683	30.827	ug/l	99
16) Acetone	3.872	43	14402	34.258	ug/l	94
17) Carbon Disulfide	4.110	76	44359	6.462	ug/l	98
18) Methyl Acetate	4.385	43	8559	6.828	ug/l	97
19) Methyl tert-butyl Ether	5.110	73	34328	6.307	ug/l	97
20) Methylene Chloride	4.622	84	15772	6.885	ug/l	94
21) trans-1,2-Dichloroethene	5.116	96	14980	6.333	ug/l	94
22) Diisopropyl ether	6.018	45	45969	6.129	ug/l #	88
23) Vinyl Acetate	5.964	43	128170	30.171	ug/l	100
24) 1,1-Dichloroethane	5.921	63	27132	6.175	ug/l	99
25) 2-Butanone	6.896	43	23571	34.424	ug/l	94
26) 2,2-Dichloropropane	6.890	77	29166	7.021	ug/l	93
27) cis-1,2-Dichloroethene	6.890	96	16541	6.078	ug/l	89
28) Bromochloromethane	7.250	49	7839	5.289	ug/l #	100
29) Tetrahydrofuran	7.262	42	13698	31.690	ug/l	99
30) Chloroform	7.421	83	37923	7.375	ug/l	99
31) Cyclohexane	7.707	56	28103	6.689	ug/l #	89
32) 1,1,1-Trichloroethane	7.616	97	24425	6.050	ug/l	99
36) 1,1-Dichloropropene	7.835	75	21482	6.279	ug/l	97
37) Ethyl Acetate	6.982	43	10625	6.602	ug/l #	79
38) Carbon Tetrachloride	7.817	117	22467	5.935	ug/l	98
39) Methylcyclohexane	9.103	83	26307	5.899	ug/l	98
40) Benzene	8.079	78	61021	6.085	ug/l	97

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Instrument :
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 ClientSampleId :
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Manual Integrations
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 Quant Title : SW846 8260
 QLast Update : Wed Dec 18 00:47:45 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.219	41	5044	4.784	ug/l	93
42) 1,2-Dichloroethane	8.152	62	15813	5.945	ug/l	95
43) Isopropyl Acetate	8.195	43	18369	6.029	ug/l	98
44) Trichloroethene	8.866	130	14441	5.860	ug/l	100
45) 1,2-Dichloropropane	9.140	63	14351	6.123	ug/l	100
46) Dibromomethane	9.231	93	7221	5.830	ug/l	98
47) Bromodichloromethane	9.426	83	19812	5.921	ug/l	94
48) Methyl methacrylate	9.225	41	8181	5.648	ug/l	96
49) 1,4-Dioxane	9.237	88	1769	124.528	ug/l #	83
51) 4-Methyl-2-Pentanone	9.999	43	51589	32.078	ug/l	99
52) Toluene	10.170	92	36494	5.856	ug/l	97
53) t-1,3-Dichloropropene	10.396	75	18229	5.847	ug/l	99
54) cis-1,3-Dichloropropene	9.853	75	21475	5.813	ug/l	98
55) 1,1,2-Trichloroethane	10.573	97	9765	5.963	ug/l	95
56) Ethyl methacrylate	10.438	69	13277	5.588	ug/l	98
57) 1,3-Dichloropropane	10.719	76	17812	6.101	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	27203	27.211	ug/l	99
59) 2-Hexanone	10.755	43	29120	28.202	ug/l	98
60) Dibromochloromethane	10.908	129	12684	5.791	ug/l	95
61) 1,2-Dibromoethane	11.011	107	9266	6.083	ug/l	95
64) Tetrachloroethene	10.646	164	12938	5.964	ug/l	95
65) Chlorobenzene	11.438	112	39230	6.083	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.511	131	13025	5.906	ug/l	97
67) Ethyl Benzene	11.517	91	69276	5.823	ug/l	97
68) m/p-Xylenes	11.627	106	51309	11.599	ug/l	100
69) o-Xylene	11.956	106	23634	5.726	ug/l	96
70) Styrene	11.969	104	38246	5.546	ug/l	96
71) Bromoform	12.133	173	7504	6.052	ug/l #	98
73) Isopropylbenzene	12.255	105	64335	5.918	ug/l	100
74) N-amyl acetate	12.072	43	14179	5.574	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.505	83	10866	6.158	ug/l	98
76) 1,2,3-Trichloropropane	12.554	75	8988m	4.097	ug/l	
77) Bromobenzene	12.529	156	14272	6.027	ug/l	98
78) n-propylbenzene	12.597	91	77118	5.888	ug/l	100
79) 2-Chlorotoluene	12.682	91	44418	6.028	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	51037	5.786	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	3843	6.234	ug/l	97
82) 4-Chlorotoluene	12.779	91	45618	5.968	ug/l	99
83) tert-Butylbenzene	12.999	119	45822	5.736	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	49988	5.778	ug/l	97
85) sec-Butylbenzene	13.176	105	66261	5.705	ug/l	98
86) p-Isopropyltoluene	13.292	119	55077	5.752	ug/l	100
87) 1,3-Dichlorobenzene	13.285	146	27898	5.969	ug/l	98
88) 1,4-Dichlorobenzene	13.365	146	27443	5.928	ug/l	94
89) n-Butylbenzene	13.621	91	50386	5.552	ug/l	99
90) Hexachloroethane	13.877	117	11416	6.016	ug/l	96
91) 1,2-Dichlorobenzene	13.657	146	24747	6.111	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.273	75	1655	5.777	ug/l	94
93) 1,2,4-Trichlorobenzene	14.919	180	12871	5.254	ug/l	97
94) Hexachlorobutadiene	15.029	225	8656	5.405	ug/l	100
95) Naphthalene	15.145	128	20245	4.821	ug/l	100
96) 1,2,3-Trichlorobenzene	15.334	180	10956	5.293	ug/l	98

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Sample : VSTDICC005
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 12/18/2024
Supervised By :Semsettin Yesilyurt 12/18/2024

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Quant Title : SW846 8260
QLast Update : Wed Dec 18 00:47:45 2024
Response via : Initial Calibration

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

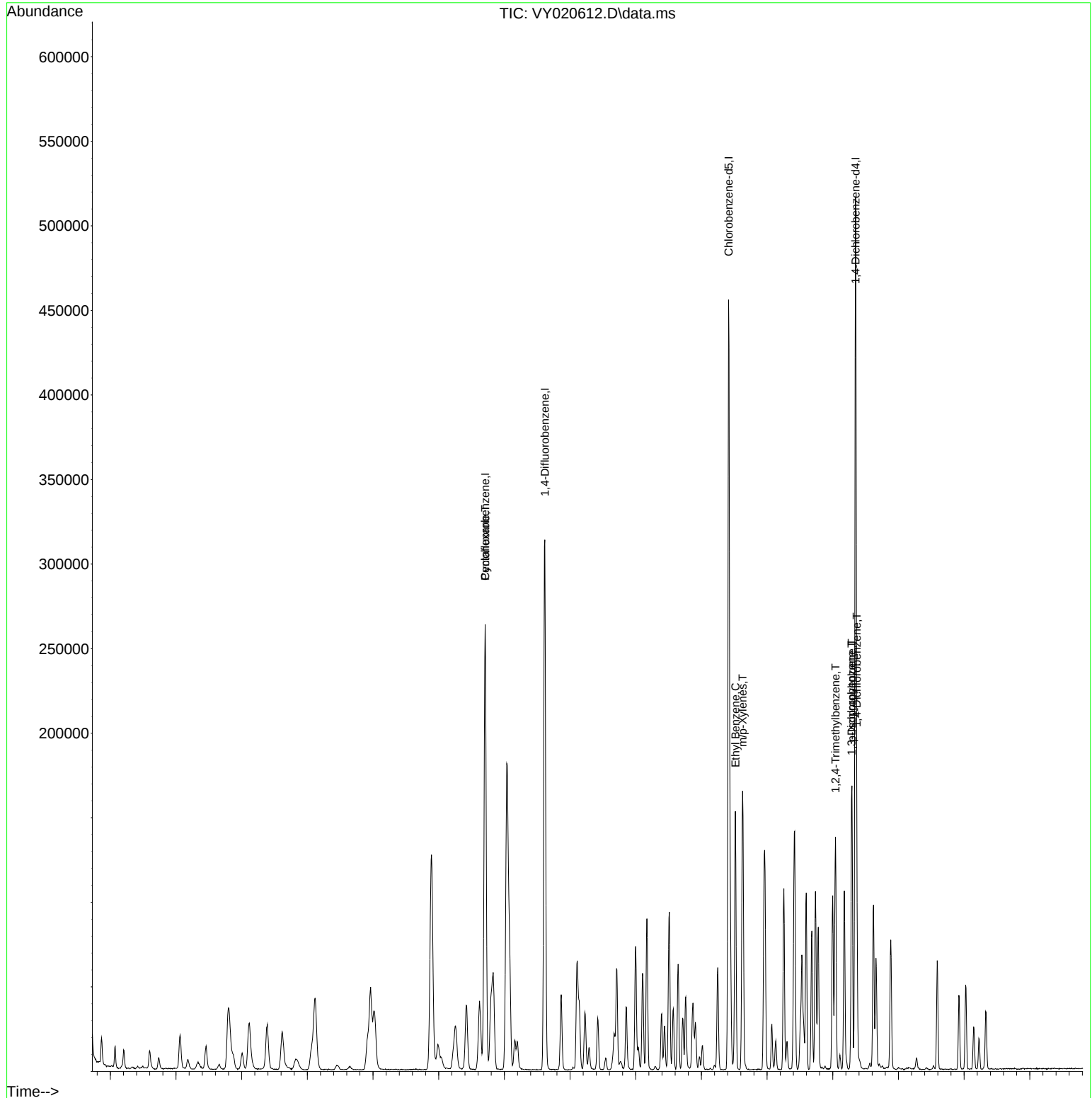
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Data File : VY020612.D
Acq On : 17 Dec 2024 09:38
Operator : SY/MD
Sample : VSTDIC005
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

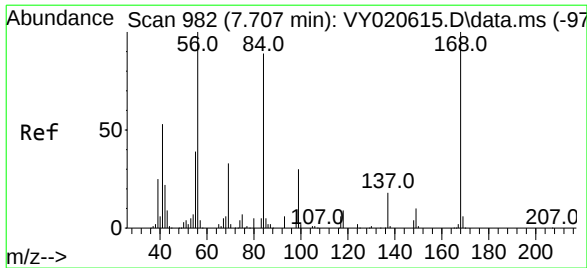
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Manual Integrations
APPROVED

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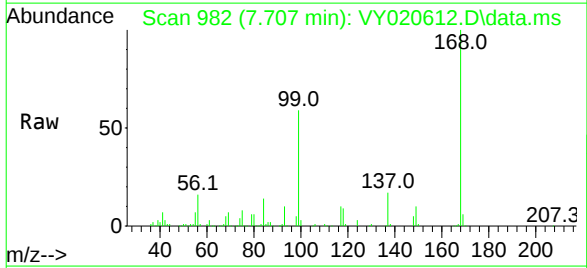
Quant Time: Dec 18 00:51:24 2024
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Quant Title : SW846 8260
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 98
Delta R.T. 0.000 min
Lab File: VY020612.D
Acq: 17 Dec 2024 09:38

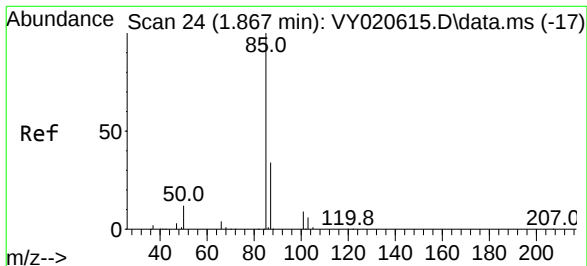
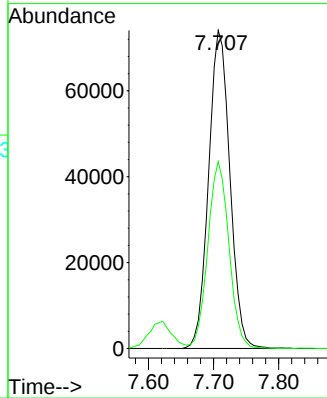
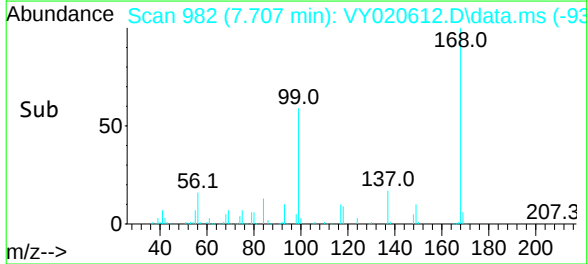
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005



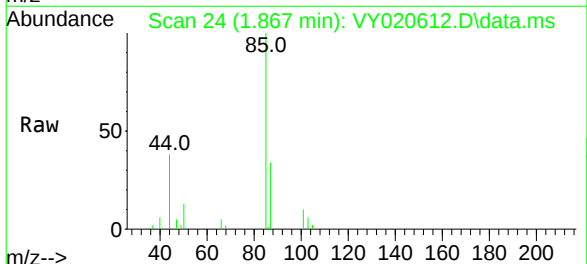
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Ion Ratio Lower Upper
168 100
99 58.8 47.0 70.6

Manual Integrations
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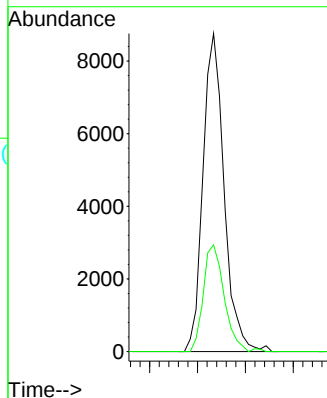
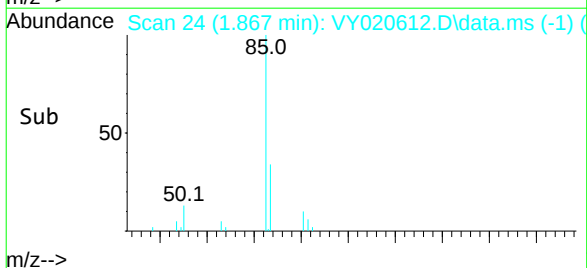
Reviewed By :Mahesh Dadoda 12/18/2024
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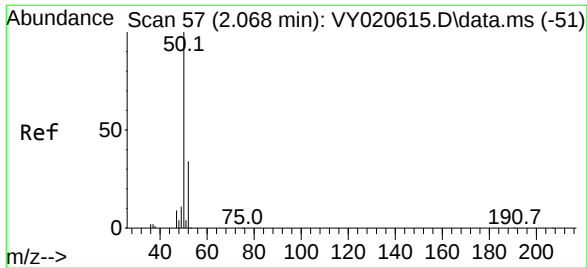


#2
Dichlorodifluoromethane
Concen: 6.379 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.000 min
Lab File: VY020612.D
Acq: 17 Dec 2024 09:38



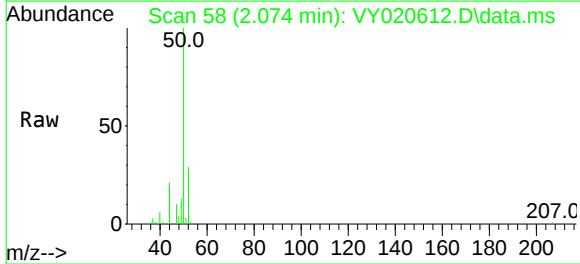
Tgt Ion: 85 Resp: 13405
Ion Ratio Lower Upper
85 100
87 33.5 16.8 50.3





#3
Chloromethane
Concen: 6.832 ug/l
RT: 2.074 min Scan# 58
Delta R.T. 0.006 min
Lab File: VY020612.D
Acq: 17 Dec 2024 09:38

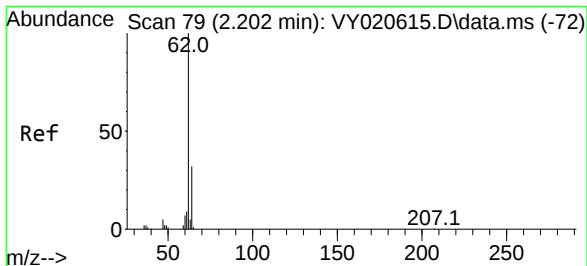
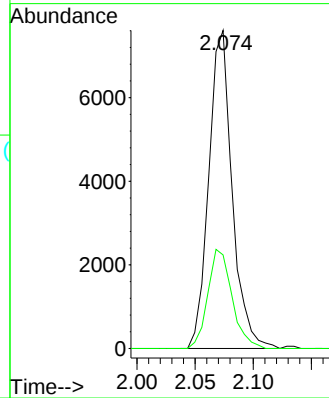
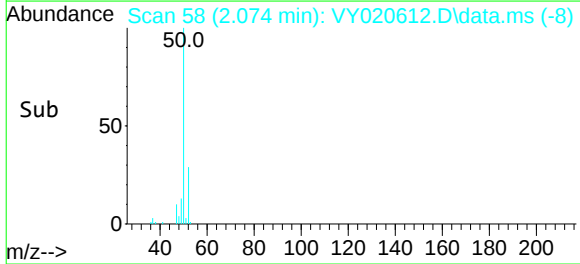
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005



Tgt Ion: 50 Resp: 10637
Ion Ratio Lower Upper
50 100
52 29.4 26.8 40.2

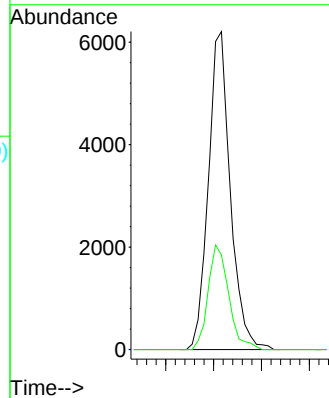
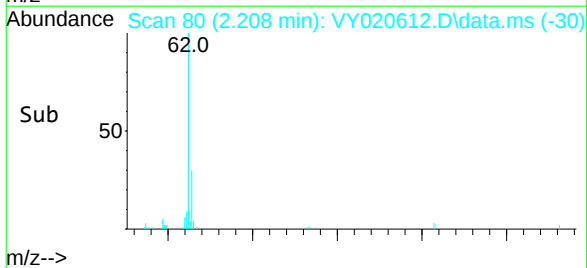
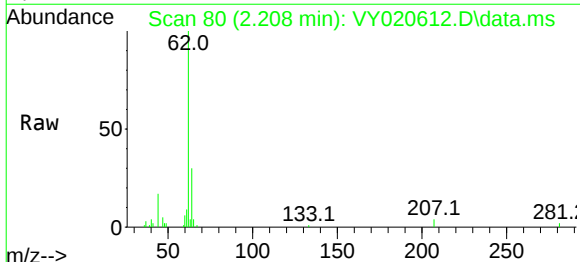
Manual Integrations
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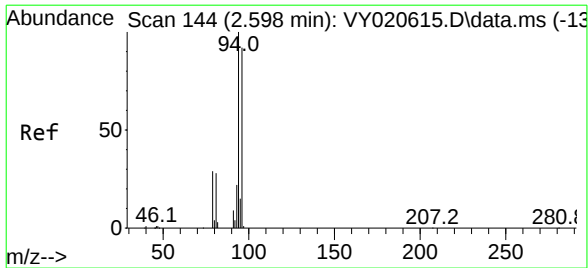
Reviewed By :Mahesh Dadoda 12/18/2024
Supervised By :Semsettin Yesilyurt 12/18/2024



#4
Vinyl Chloride
Concen: 6.815 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY020612.D
Acq: 17 Dec 2024 09:38

Tgt Ion: 62 Resp: 9876
Ion Ratio Lower Upper
62 100
64 29.7 25.3 37.9





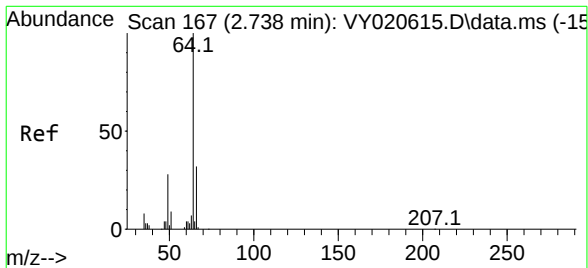
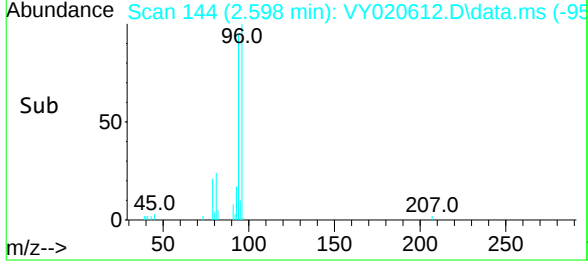
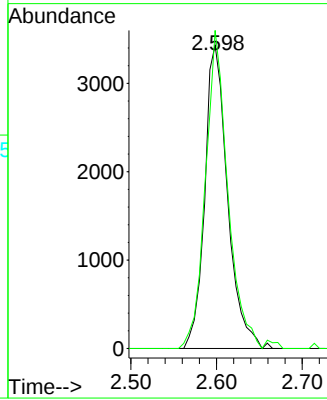
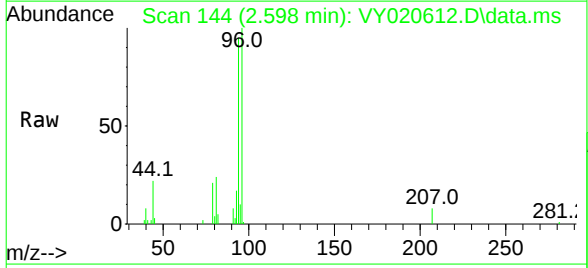
#5
Bromomethane
Concen: 6.824 ug/l
RT: 2.598 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY020612.D
Acq: 17 Dec 2024 09:38

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion: 94 Resp: 6357
Ion Ratio Lower Upper
94 100
96 104.9 73.8 110.6

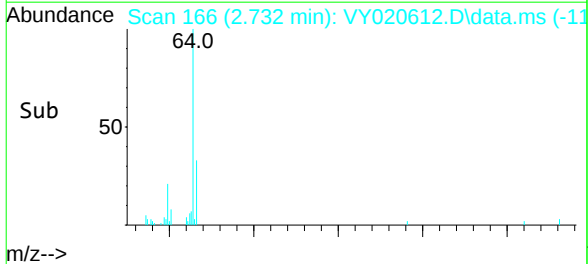
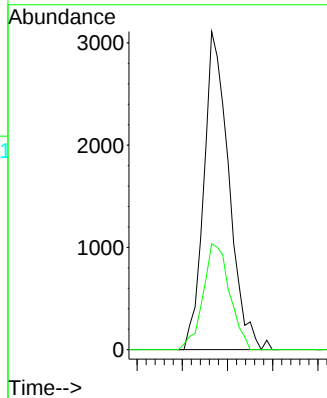
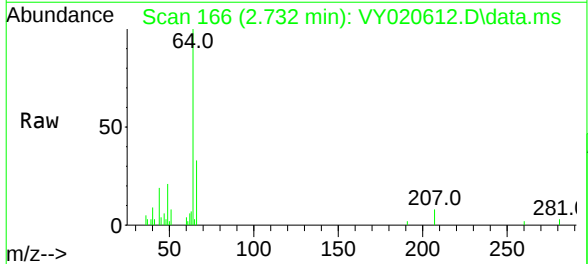
Manual Integrations
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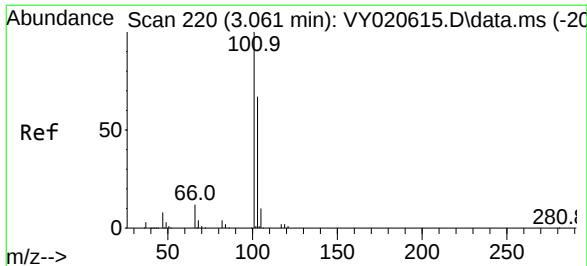
Reviewed By :Mahesh Dadoda 12/18/2024
Supervised By :Semsettin Yesilyurt 12/18/2024



#6
Chloroethane
Concen: 6.672 ug/l
RT: 2.732 min Scan# 166
Delta R.T. -0.006 min
Lab File: VY020612.D
Acq: 17 Dec 2024 09:38

Tgt Ion: 64 Resp: 5975
Ion Ratio Lower Upper
64 100
66 33.3 25.8 38.6





#7

Trichlorofluoromethane

Concen: 6.719 ug/l

RT: 3.062 min Scan# 220

Delta R.T. 0.000 min

Lab File: VY020612.D

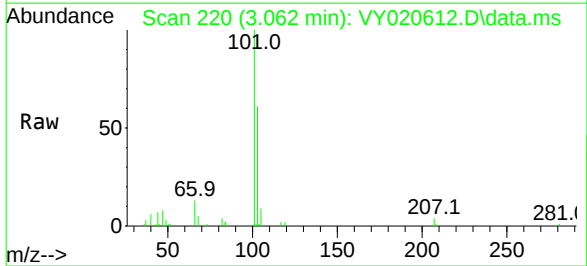
Acq: 17 Dec 2024 09:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005



Tgt Ion: 101 Resp: 20374

Ion Ratio Lower Upper

101 100

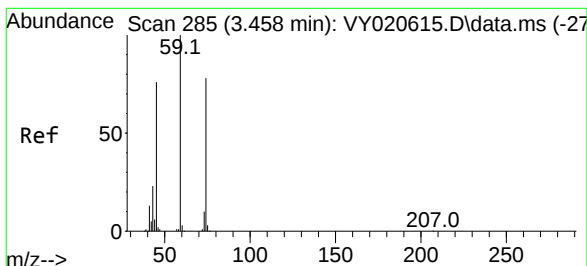
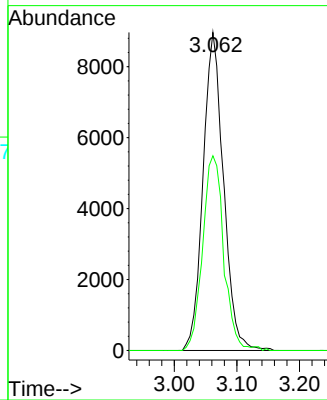
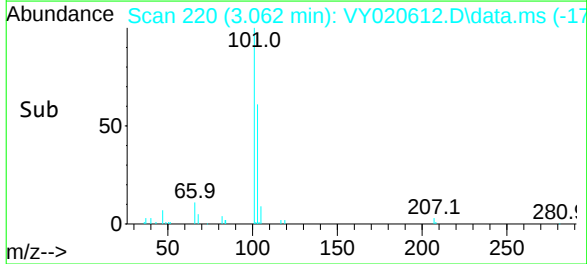
103 61.2 53.4 80.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/18/2024

Supervised By :Semsettin Yesilyurt 12/18/2024



#8

Diethyl Ether

Concen: 6.695 ug/l

RT: 3.458 min Scan# 285

Delta R.T. 0.000 min

Lab File: VY020612.D

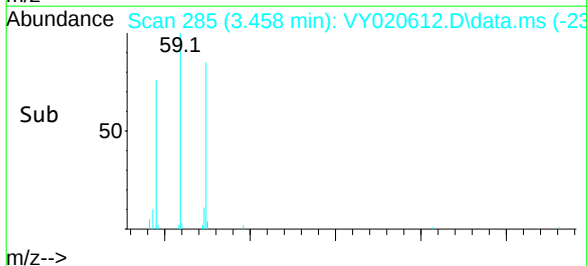
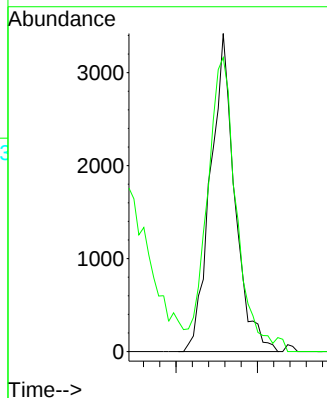
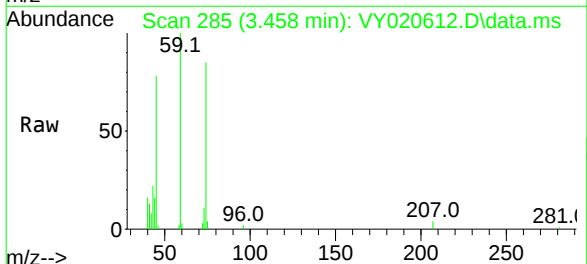
Acq: 17 Dec 2024 09:38

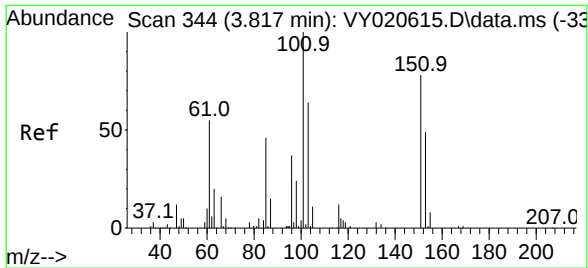
Tgt Ion: 74 Resp: 7119

Ion Ratio Lower Upper

74 100

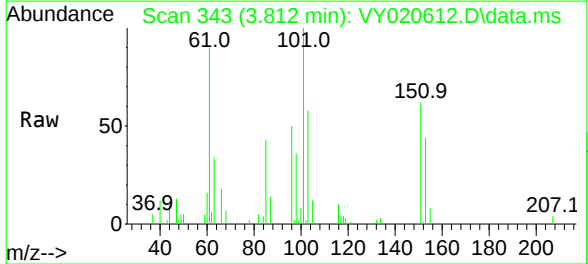
45 111.1 49.0 147.2





#9
1,1,2-Trichlorotrifluoroethane
Concen: 6.494 ug/l
RT: 3.812 min Scan# 341
Delta R.T. -0.006 min
Lab File: VY020612.D
Acq: 17 Dec 2024 09:38

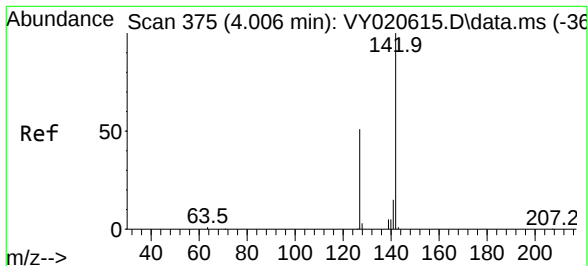
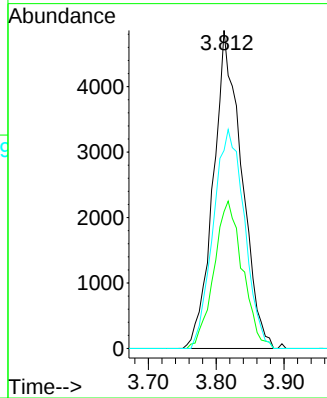
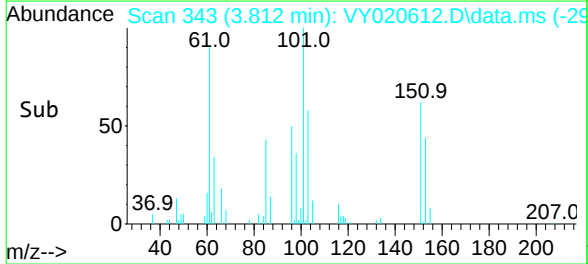
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005



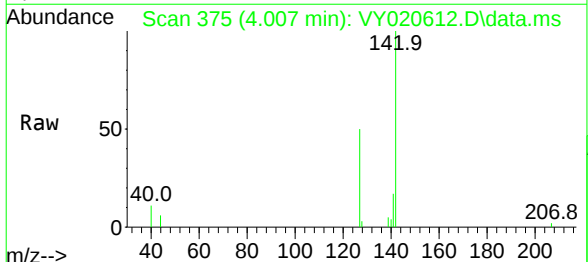
Tgt Ion	Ratio	Lower	Upper
101	100		
85	47.0	36.6	54.8
151	75.8	61.5	92.3

Manual Integrations
APPROVED

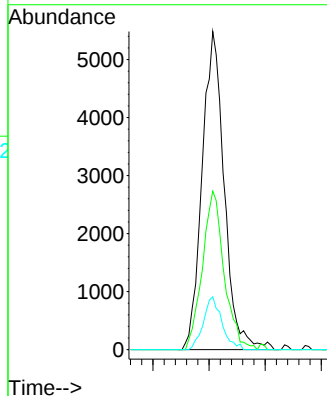
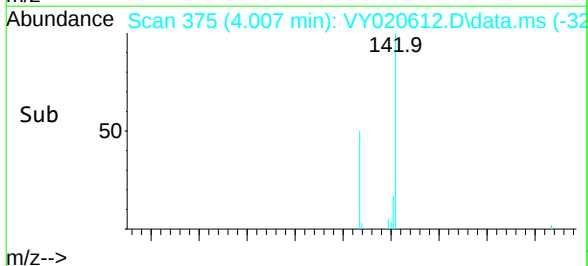
Reviewed By :Mahesh Dadoda 12/18/2024
Supervised By :Semsettin Yesilyurt 12/18/2024

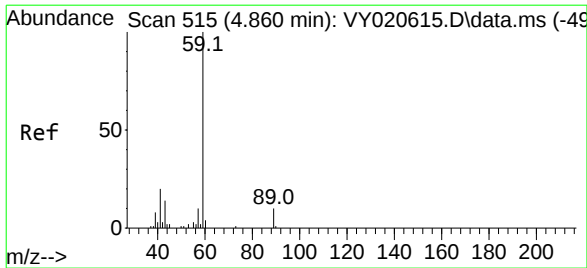


#10
Methyl Iodide
Concen: 6.205 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.000 min
Lab File: VY020612.D
Acq: 17 Dec 2024 09:38



Tgt Ion	Ratio	Lower	Upper
142	100		
127	48.8	40.6	61.0
141	13.9	11.7	17.5





#11

Tert butyl alcohol

Concen: 44.616 ug/l

RT: 4.848 min Scan# 515

Delta R.T. -0.012 min

Lab File: VY020612.D

Acq: 17 Dec 2024 09:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

Tgt Ion: 59 Resp: 10625

Ion Ratio Lower Upper

59 100

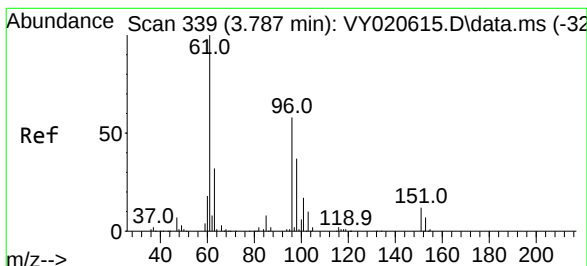
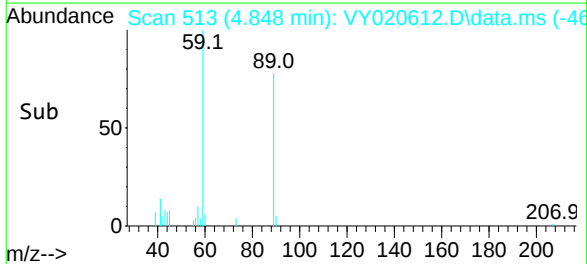
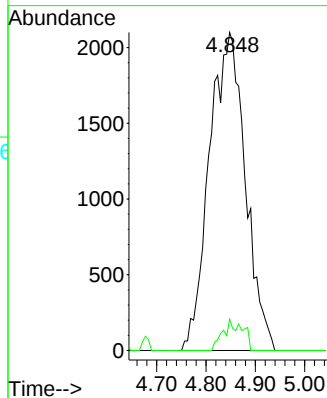
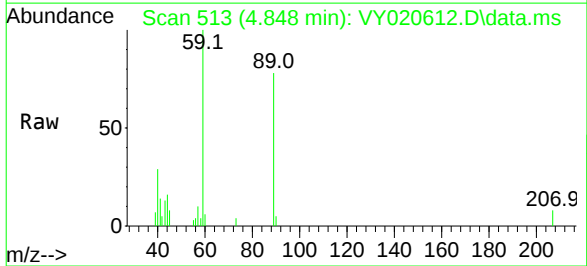
57 3.3 7.4 11.0#

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/18/2024

Supervised By :Semsettin Yesilyurt 12/18/2024



#12

1,1-Dichloroethene

Concen: 6.574 ug/l

RT: 3.787 min Scan# 339

Delta R.T. 0.000 min

Lab File: VY020612.D

Acq: 17 Dec 2024 09:38

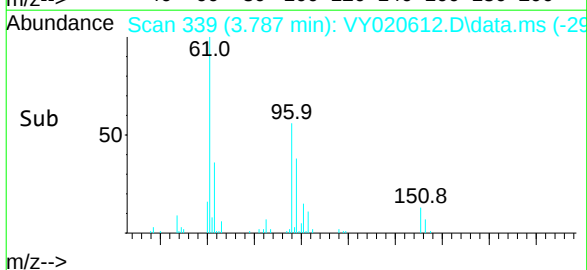
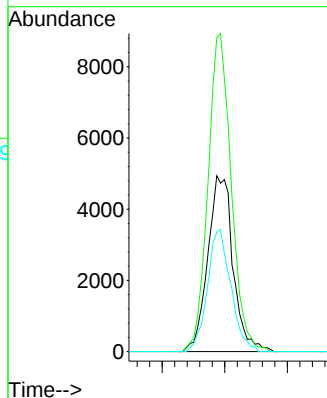
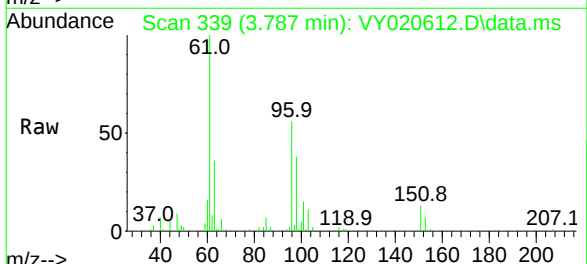
Tgt Ion: 96 Resp: 13864

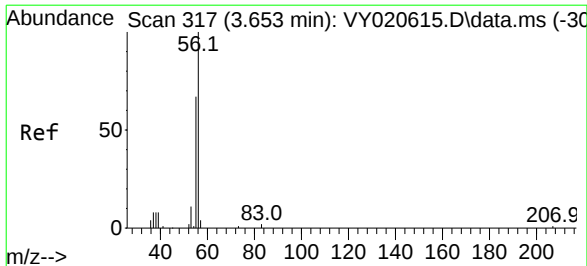
Ion Ratio Lower Upper

96 100

61 178.5 136.9 205.3

98 68.0 50.2 75.4





#13

Acrolein

Concen: 40.507 ug/l

RT: 3.659 min Scan# 317

Delta R.T. 0.006 min

Lab File: VY020612.D

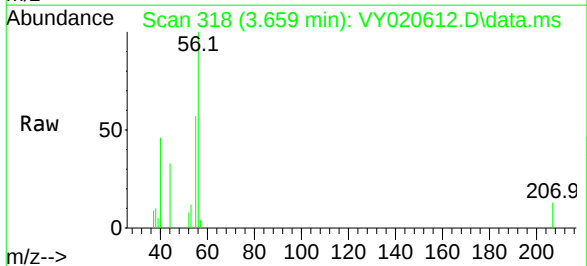
Acq: 17 Dec 2024 09:38

Instrument :

MSVOA_Y

ClientSampleId :

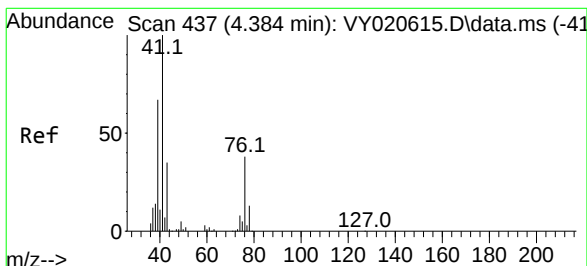
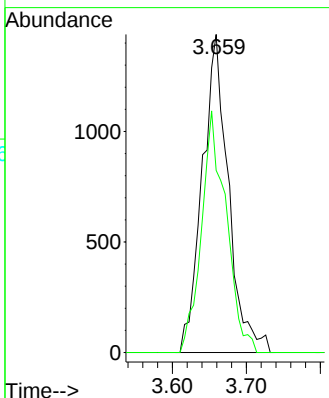
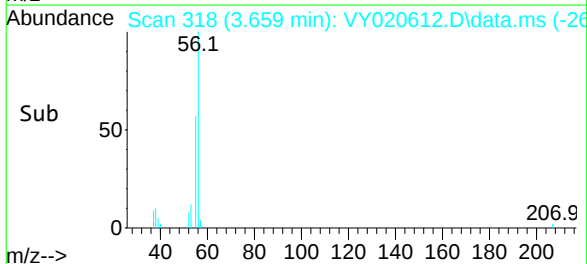
VSTDICC005



Tgt Ion:	56	Resp:	3529
Ion	Ratio	Lower	Upper
56	100		
55	71.7	57.5	86.3

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 12/18/2024
Supervised By :Semsettin Yesilyurt 12/18/2024



#14

Allyl chloride

Concen: 6.507 ug/l

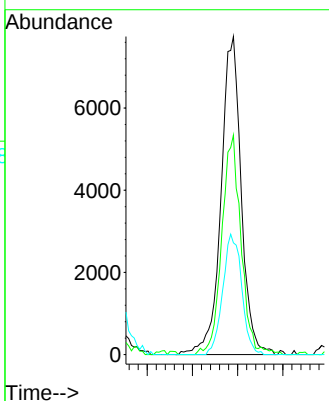
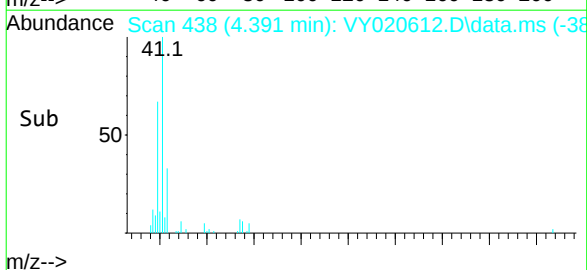
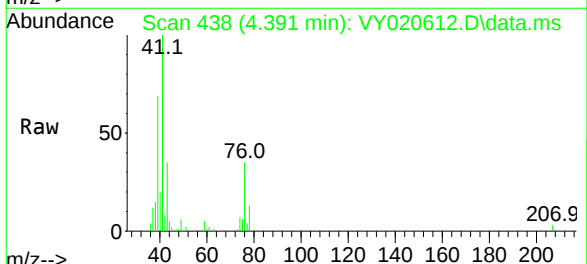
RT: 4.391 min Scan# 438

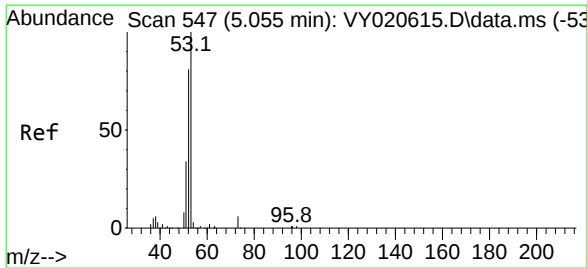
Delta R.T. 0.006 min

Lab File: VY020612.D

Acq: 17 Dec 2024 09:38

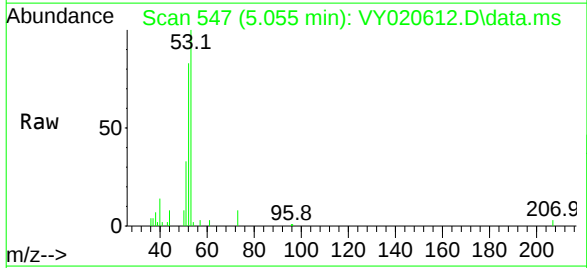
Tgt Ion:	41	Resp:	24045
Ion	Ratio	Lower	Upper
41	100		
39	65.6	53.0	79.4
76	35.3	29.5	44.3





#15
Acrylonitrile
Concen: 30.827 ug/l
RT: 5.055 min Scan# 54
Delta R.T. 0.000 min
Lab File: VY020612.D
Acq: 17 Dec 2024 09:38

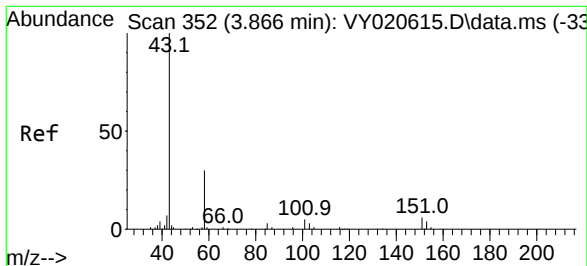
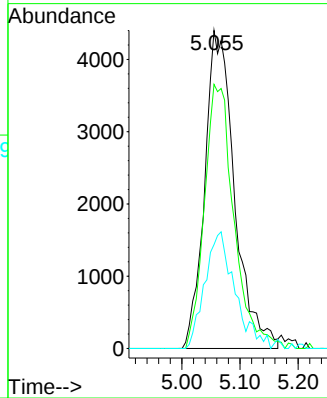
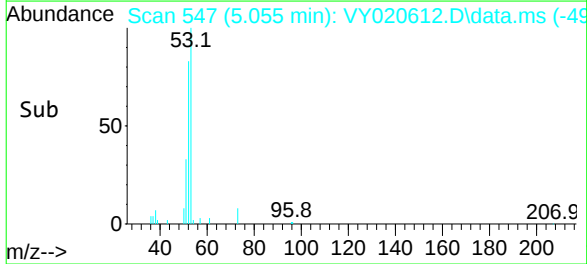
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005



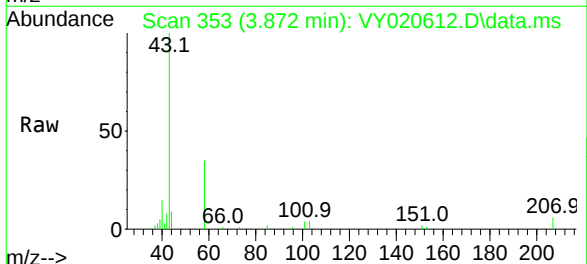
Tgt Ion: 53 Resp: 15683
Ion Ratio Lower Upper
53 100
52 82.1 64.5 96.7
51 37.0 29.4 44.0

Manual Integrations
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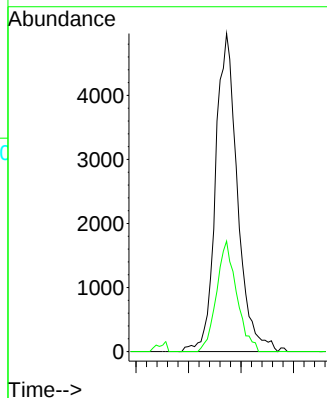
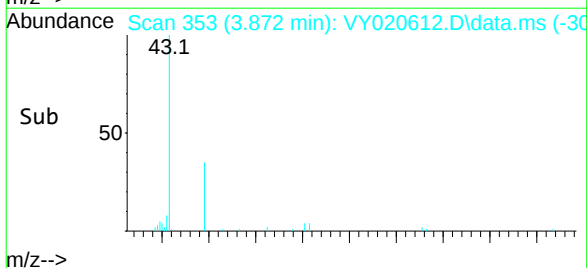
Reviewed By :Mahesh Dadoda 12/18/2024
Supervised By :Semsettin Yesilyurt 12/18/2024

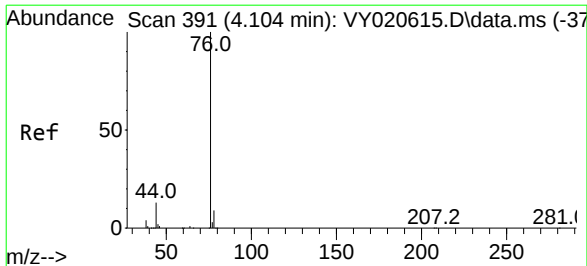


#16
Acetone
Concen: 34.258 ug/l
RT: 3.872 min Scan# 353
Delta R.T. 0.006 min
Lab File: VY020612.D
Acq: 17 Dec 2024 09:38



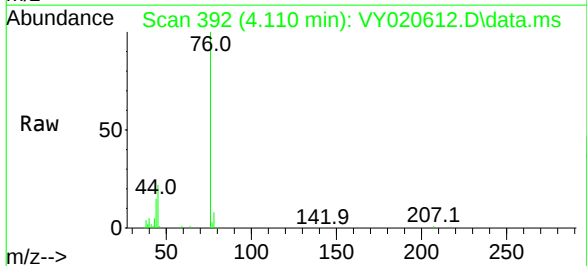
Tgt Ion: 43 Resp: 14402
Ion Ratio Lower Upper
43 100
58 34.7 25.0 37.6





#17
Carbon Disulfide
Concen: 6.462 ug/l
RT: 4.110 min Scan# 391
Delta R.T. 0.006 min
Lab File: VY020612.D
Acq: 17 Dec 2024 09:38

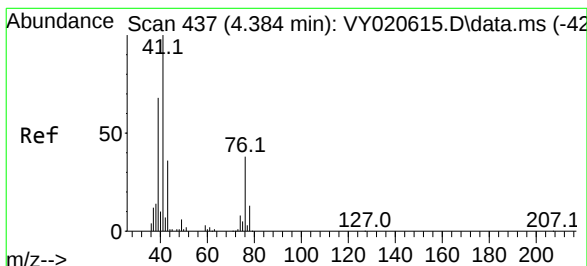
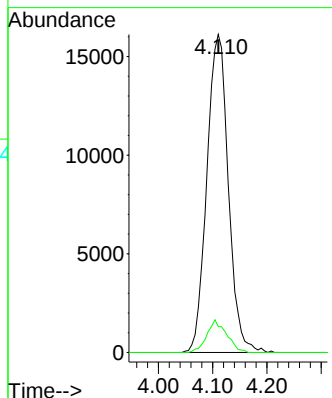
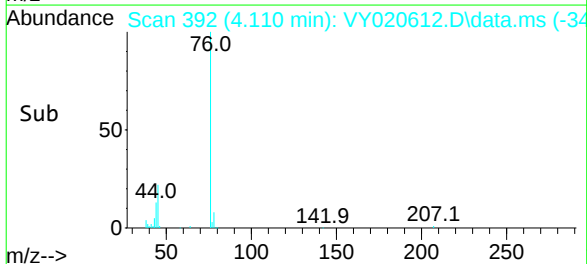
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005



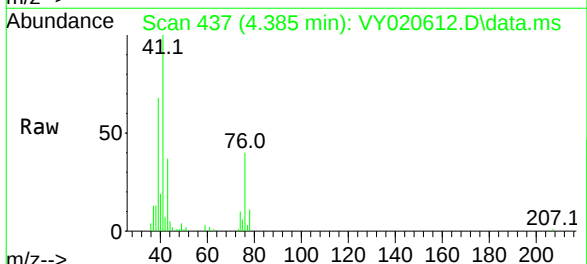
Tgt Ion: 76 Resp: 44359
Ion Ratio Lower Upper
76 100
78 8.1 7.2 10.8

Manual Integrations
APPROVED

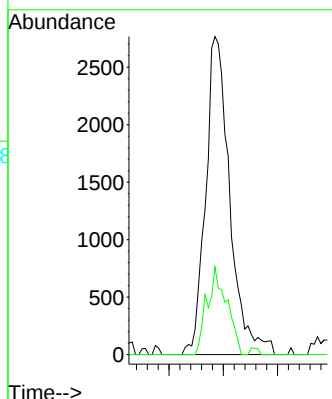
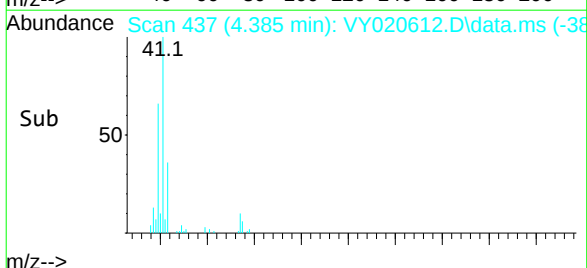
Reviewed By :Mahesh Dadoda 12/18/2024
Supervised By :Semsettin Yesilyurt 12/18/2024

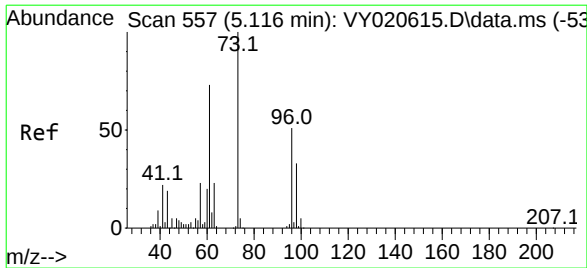


#18
Methyl Acetate
Concen: 6.828 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY020612.D
Acq: 17 Dec 2024 09:38



Tgt Ion: 43 Resp: 8559
Ion Ratio Lower Upper
43 100
74 22.5 19.2 28.8





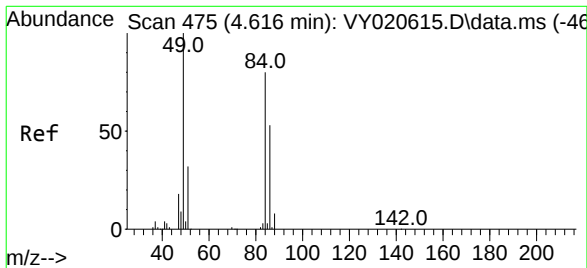
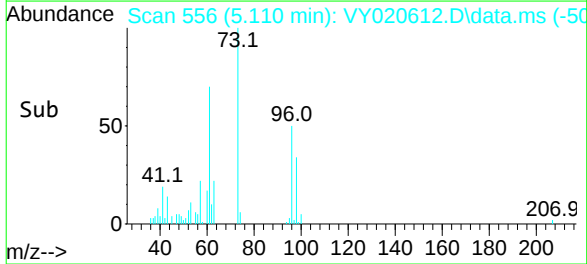
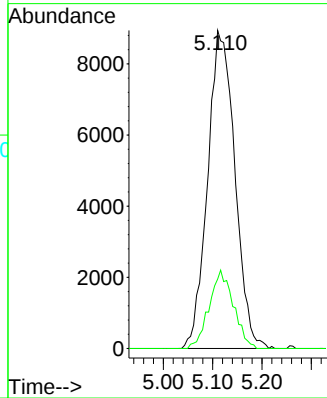
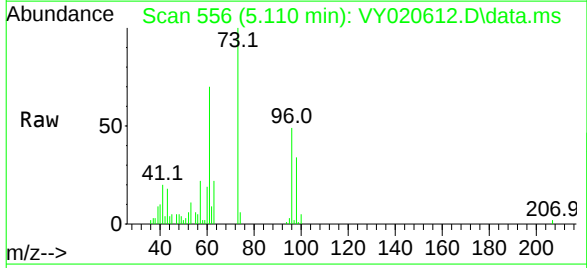
#19
Methyl tert-butyl Ether
Concen: 6.307 ug/l
RT: 5.110 min Scan# 557
Delta R.T. -0.006 min
Lab File: VY020612.D
Acq: 17 Dec 2024 09:38

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion: 73 Resp: 34328
Ion Ratio Lower Upper
73 100
57 21.8 18.5 27.7

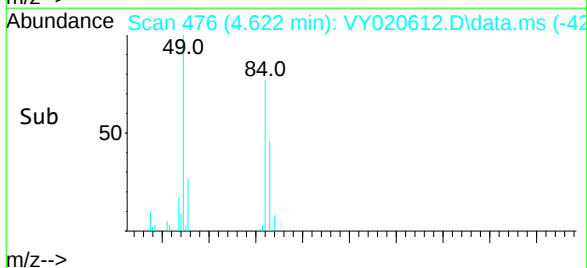
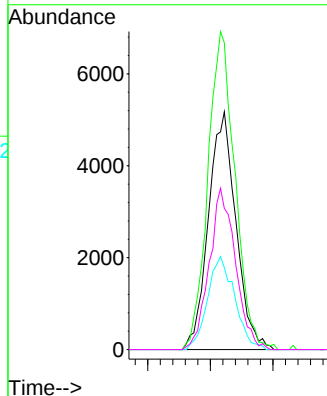
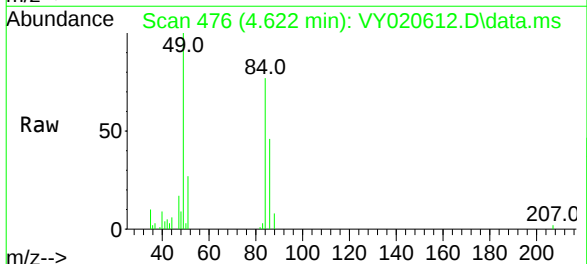
Manual Integrations
APPROVED

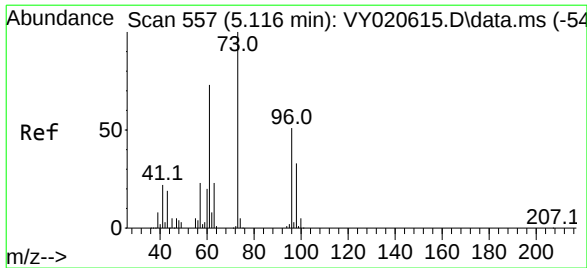
Reviewed By :Mahesh Dadoda 12/18/2024
Supervised By :Semsettin Yesilyurt 12/18/2024



#20
Methylene Chloride
Concen: 6.885 ug/l
RT: 4.622 min Scan# 476
Delta R.T. 0.006 min
Lab File: VY020612.D
Acq: 17 Dec 2024 09:38

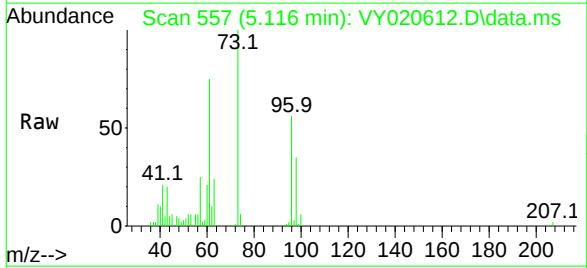
Tgt Ion: 84 Resp: 15772
Ion Ratio Lower Upper
84 100
49 129.0 100.7 151.1
51 34.4 32.2 48.2
86 59.4 53.0 79.6





#21
trans-1,2-Dichloroethene
Concen: 6.333 ug/l
RT: 5.116 min Scan# 557
Delta R.T. 0.000 min
Lab File: VY020612.D
Acq: 17 Dec 2024 09:38

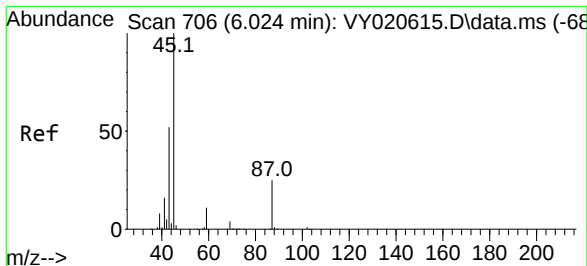
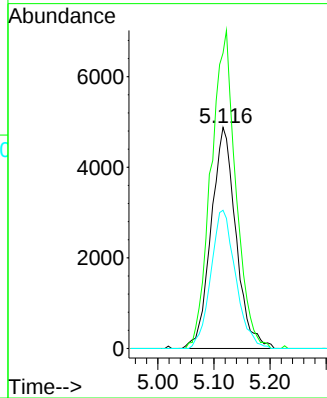
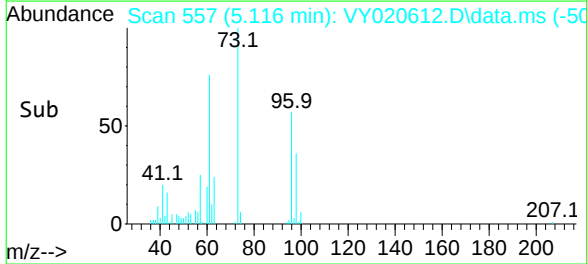
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005



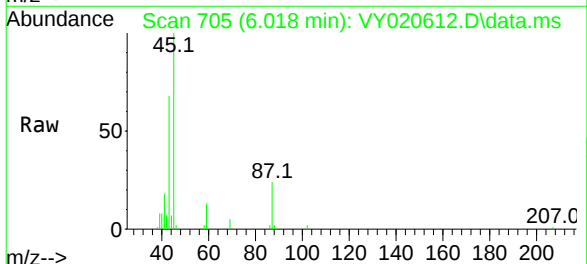
Tgt Ion: 96 Resp: 14980
Ion Ratio Lower Upper
96 100
61 133.6 113.7 170.5
98 62.5 51.7 77.5

Manual Integrations
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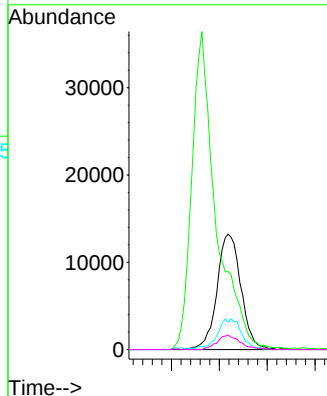
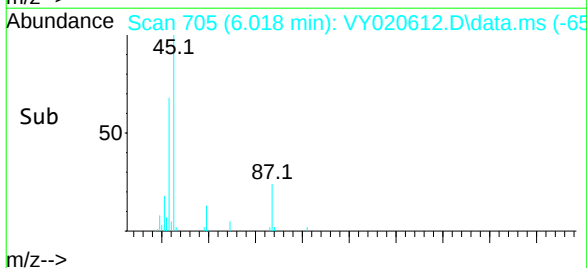
Reviewed By :Mahesh Dadoda 12/18/2024
Supervised By :Semsettin Yesilyurt 12/18/2024

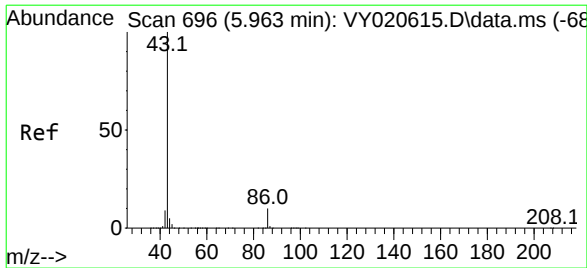


#22
Diisopropyl ether
Concen: 6.129 ug/l
RT: 6.018 min Scan# 705
Delta R.T. -0.006 min
Lab File: VY020612.D
Acq: 17 Dec 2024 09:38



Tgt Ion: 45 Resp: 45969
Ion Ratio Lower Upper
45 100
43 65.9 42.6 64.0#
87 23.9 20.6 31.0
59 12.6 8.6 13.0





#23

Vinyl Acetate

Concen: 30.171 ug/l

RT: 5.964 min Scan# 69

Delta R.T. 0.000 min

Lab File: VY020612.D

Acq: 17 Dec 2024 09:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

Tgt Ion: 43 Resp: 128170

Ion Ratio Lower Upper

43 100

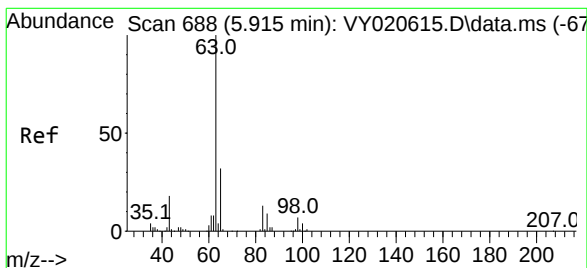
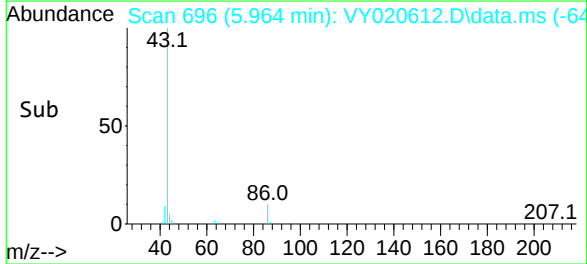
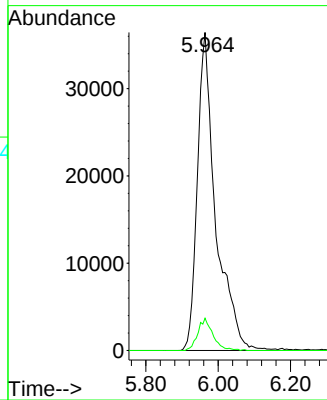
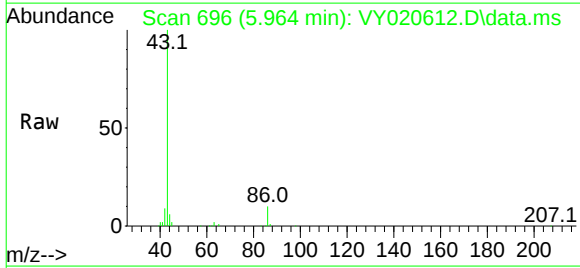
86 10.1 8.1 12.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/18/2024

Supervised By :Semsettin Yesilyurt 12/18/2024



#24

1,1-Dichloroethane

Concen: 6.175 ug/l

RT: 5.921 min Scan# 689

Delta R.T. 0.006 min

Lab File: VY020612.D

Acq: 17 Dec 2024 09:38

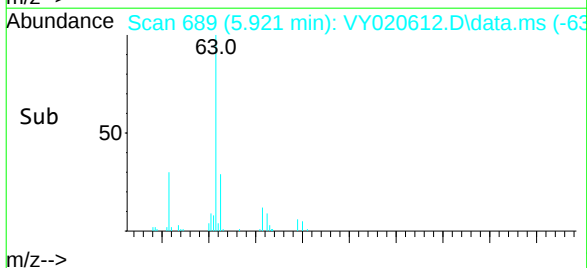
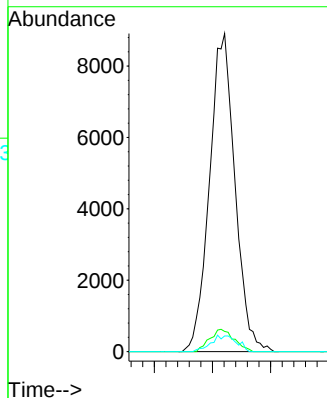
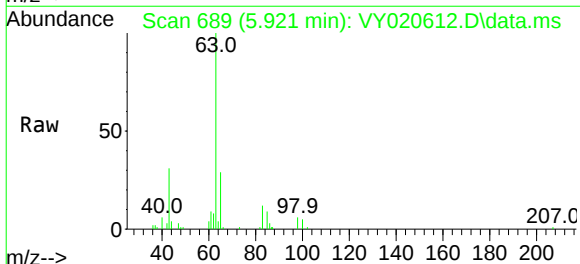
Tgt Ion: 63 Resp: 27132

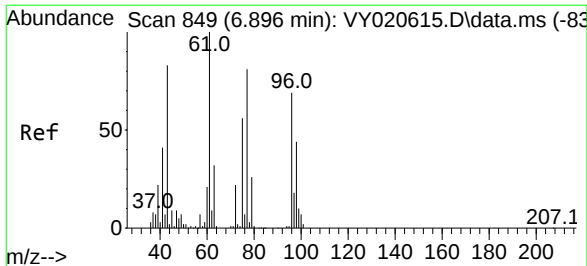
Ion Ratio Lower Upper

63 100

98 6.4 3.4 10.1

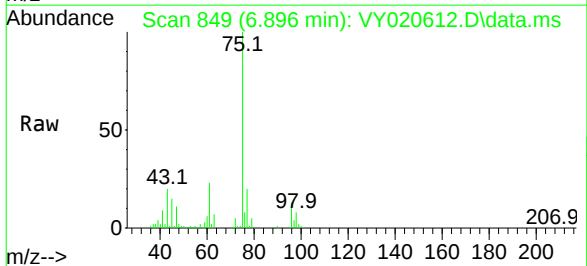
100 4.9 2.1 6.5





#25
2-Butanone
Concen: 34.424 ug/l
RT: 6.896 min Scan# 849
Delta R.T. 0.000 min
Lab File: VY020612.D
Acq: 17 Dec 2024 09:38

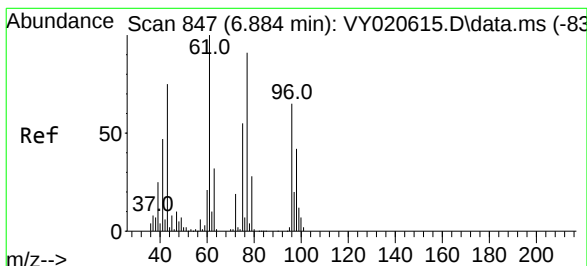
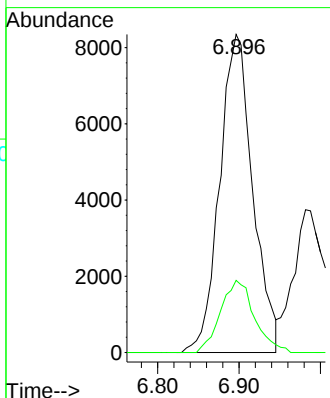
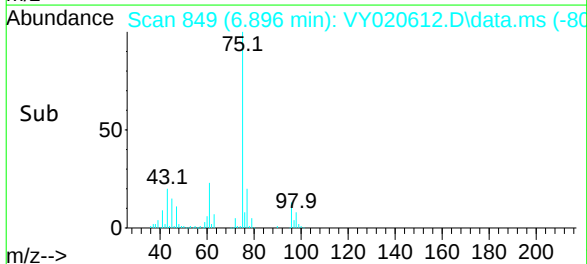
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005



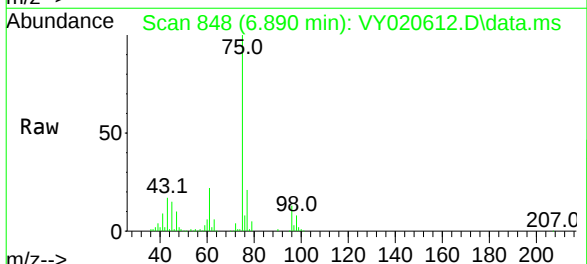
Tgt Ion: 43 Resp: 23571
Ion Ratio Lower Upper
43 100
72 22.7 20.6 31.0

Manual Integrations
APPROVED

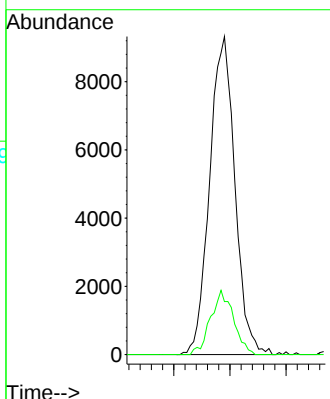
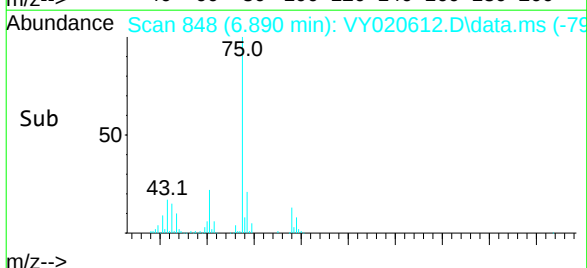
Reviewed By :Mahesh Dadoda 12/18/2024
Supervised By :Semsettin Yesilyurt 12/18/2024

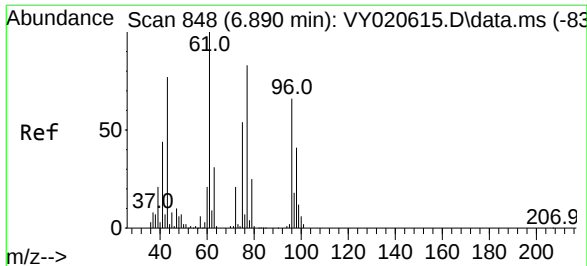


#26
2,2-Dichloropropane
Concen: 7.021 ug/l
RT: 6.890 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY020612.D
Acq: 17 Dec 2024 09:38



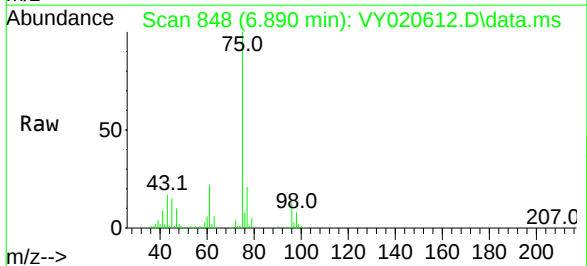
Tgt Ion: 77 Resp: 29166
Ion Ratio Lower Upper
77 100
97 18.3 10.9 32.6





#27
cis-1,2-Dichloroethene
Concen: 6.078 ug/l
RT: 6.890 min Scan# 848
Delta R.T. 0.000 min
Lab File: VY020612.D
Acq: 17 Dec 2024 09:38

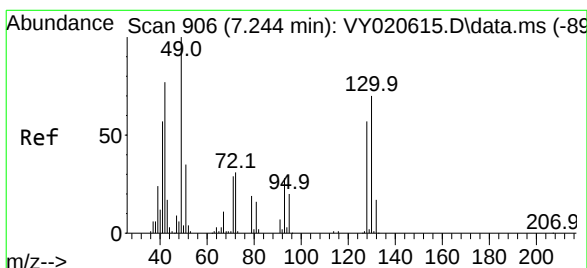
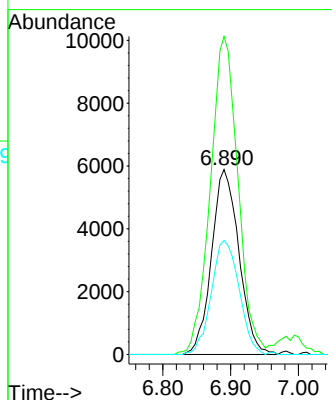
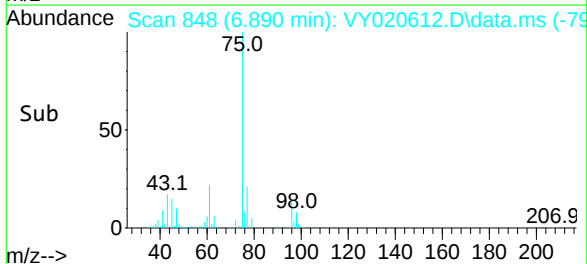
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005



Tgt Ion: 96 Resp: 16541
Ion Ratio Lower Upper
96 100
61 173.1 0.0 306.2
98 62.5 0.0 127.2

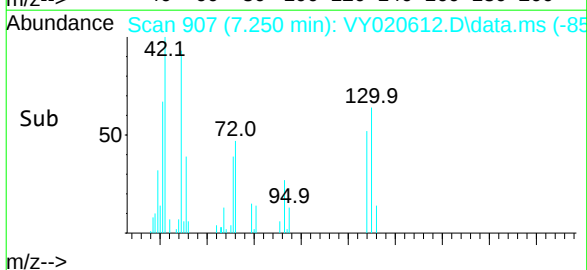
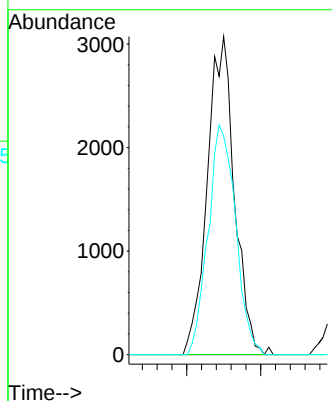
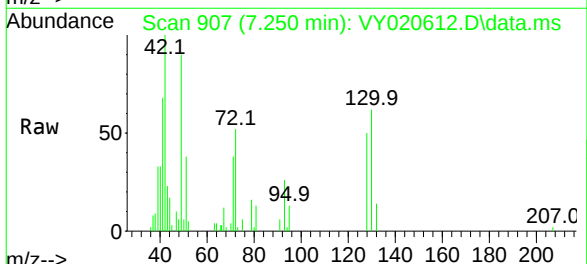
Manual Integrations
APPROVED

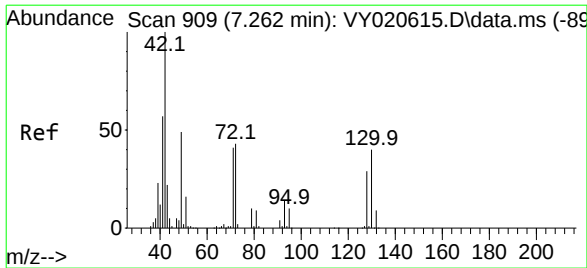
Reviewed By :Mahesh Dadoda 12/18/2024
Supervised By :Semsettin Yesilyurt 12/18/2024



#28
Bromochloromethane
Concen: 5.289 ug/l
RT: 7.250 min Scan# 907
Delta R.T. 0.006 min
Lab File: VY020612.D
Acq: 17 Dec 2024 09:38

Tgt Ion: 49 Resp: 7839
Ion Ratio Lower Upper
49 100
129 0.0 0.0 3.8
130 73.1 58.3 87.5





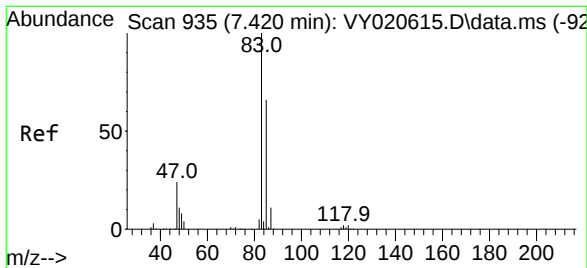
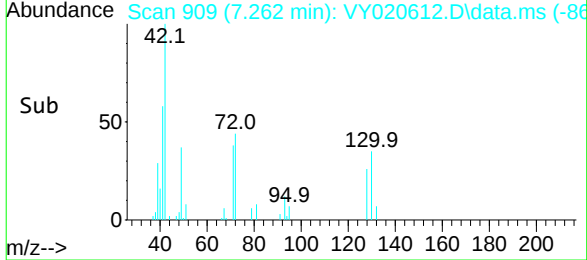
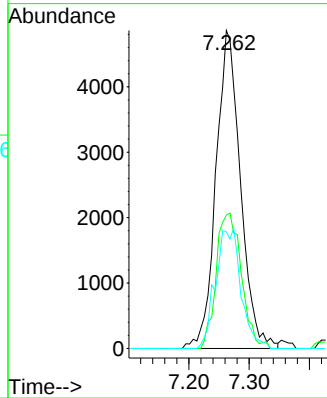
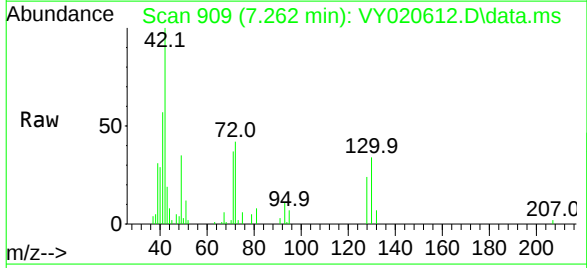
#29
Tetrahydrofuran
Concen: 31.690 ug/l
RT: 7.262 min Scan# 909
Delta R.T. 0.000 min
Lab File: VY020612.D
Acq: 17 Dec 2024 09:38

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion: 42 Resp: 13698
Ion Ratio Lower Upper
42 100
72 43.8 34.0 51.0
71 39.2 31.6 47.4

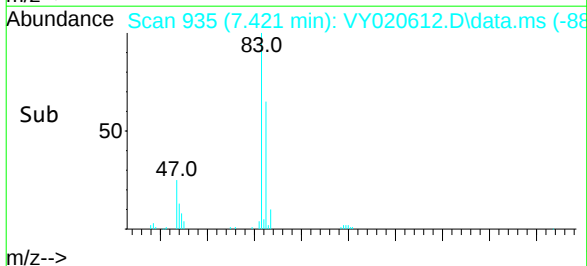
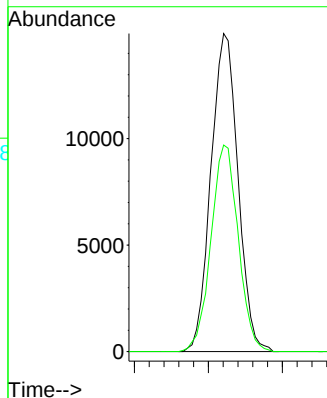
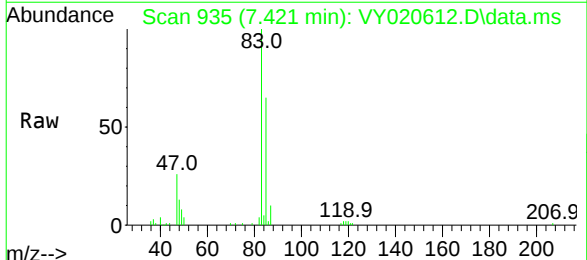
Manual Integrations
APPROVED

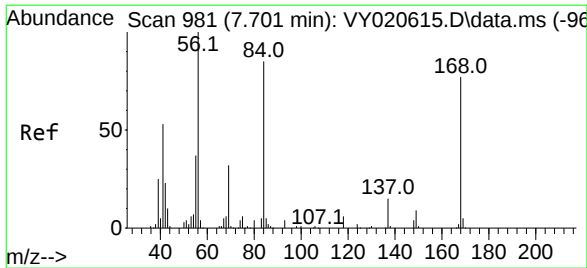
Reviewed By :Mahesh Dadoda 12/18/2024
Supervised By :Semsettin Yesilyurt 12/18/2024



#30
Chloroform
Concen: 7.375 ug/l
RT: 7.421 min Scan# 935
Delta R.T. 0.000 min
Lab File: VY020612.D
Acq: 17 Dec 2024 09:38

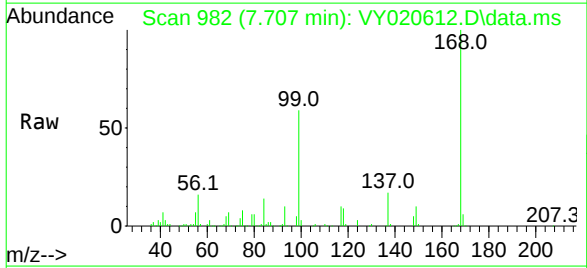
Tgt Ion: 83 Resp: 37923
Ion Ratio Lower Upper
83 100
85 65.0 52.7 79.1





#31
Cyclohexane
Concen: 6.689 ug/l
RT: 7.707 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY020612.D
Acq: 17 Dec 2024 09:38

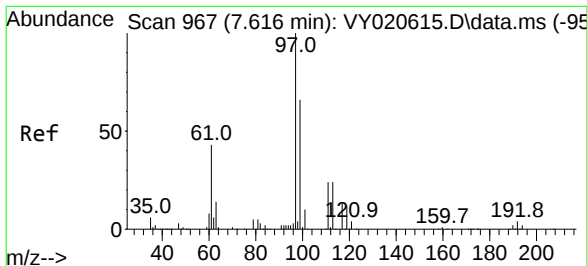
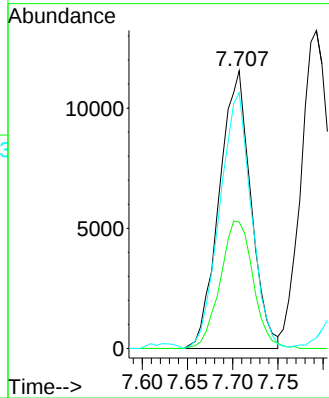
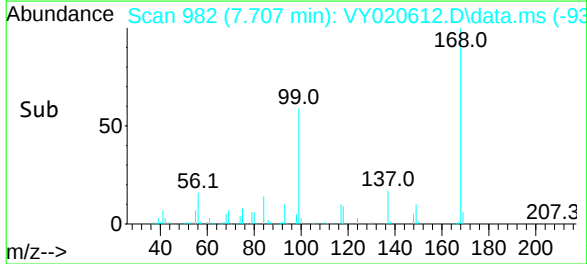
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005



Tgt Ion: 56 Resp: 28103
Ion Ratio Lower Upper
56 100
69 45.5 25.4 38.0#
84 91.3 68.3 102.5

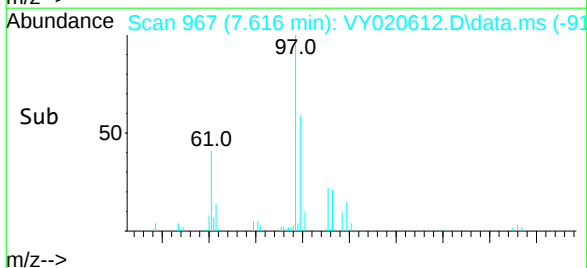
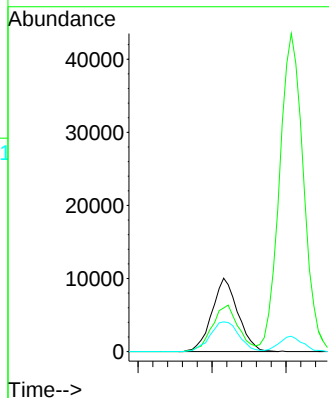
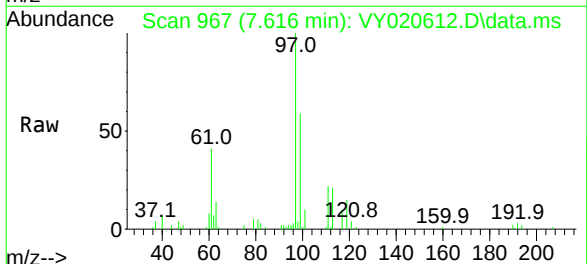
Manual Integrations
APPROVED

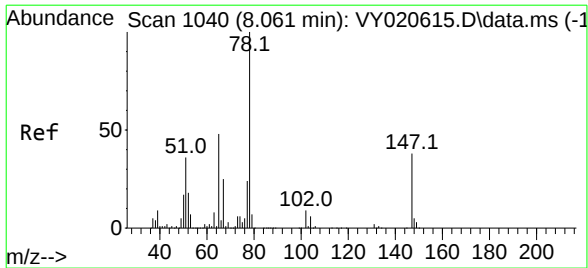
Reviewed By :Mahesh Dadoda 12/18/2024
Supervised By :Semsettin Yesilyurt 12/18/2024



#32
1,1,1-Trichloroethane
Concen: 6.050 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY020612.D
Acq: 17 Dec 2024 09:38

Tgt Ion: 97 Resp: 24425
Ion Ratio Lower Upper
97 100
99 64.3 51.6 77.4
61 45.3 34.7 52.1





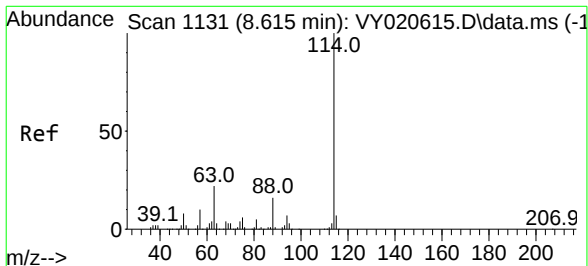
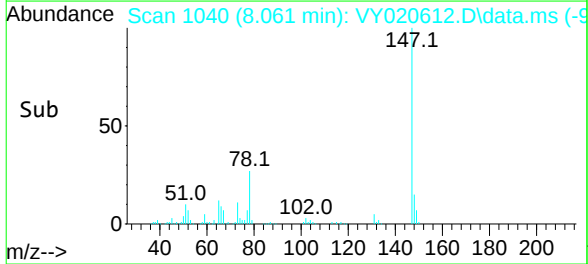
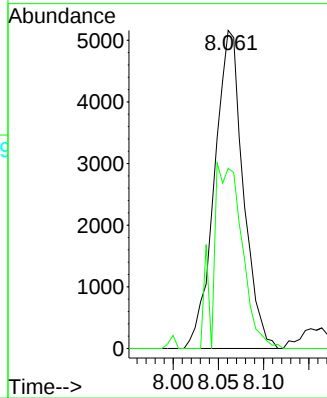
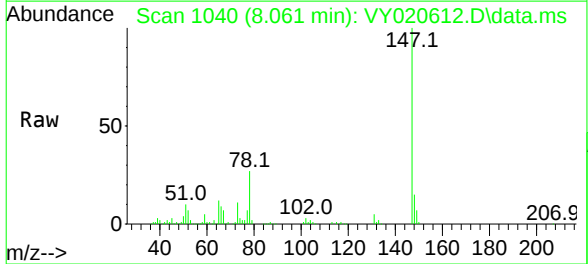
#33
1,2-Dichloroethane-d4
Concen: 6.198 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY020612.D
Acq: 17 Dec 2024 09:38

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion: 65 Resp: 11420
Ion Ratio Lower Upper
65 100
67 58.0 0.0 108.0

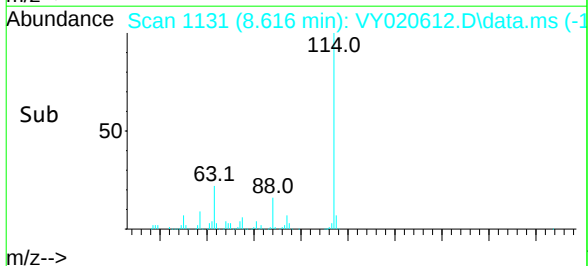
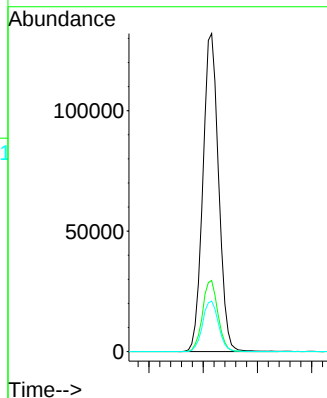
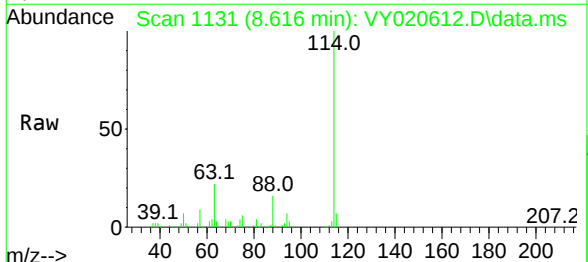
Manual Integrations
APPROVED

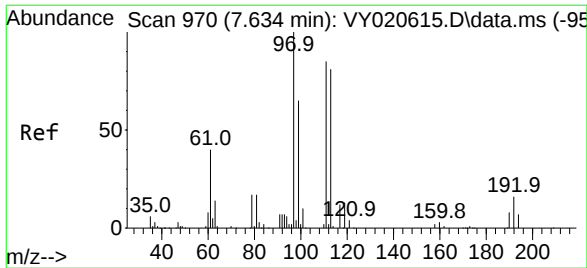
Reviewed By :Mahesh Dadoda 12/18/2024
Supervised By :Semsettin Yesilyurt 12/18/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY020612.D
Acq: 17 Dec 2024 09:38

Tgt Ion:114 Resp: 266232
Ion Ratio Lower Upper
114 100
63 22.4 0.0 44.0
88 15.9 0.0 32.8





#35

Dibromofluoromethane

Concen: 5.531 ug/l

RT: 7.634 min Scan# 970

Delta R.T. 0.000 min

Lab File: VY020612.D

Acq: 17 Dec 2024 09:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tgt Ion: 113 Resp: 10378

Ion Ratio Lower Upper

113 100

111 104.8 82.9 124.3

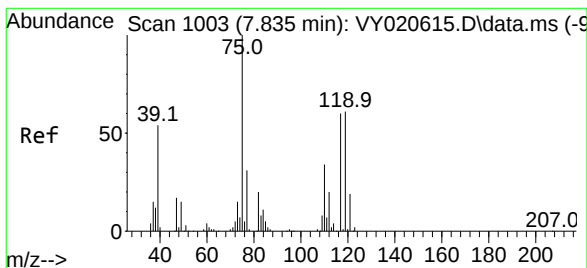
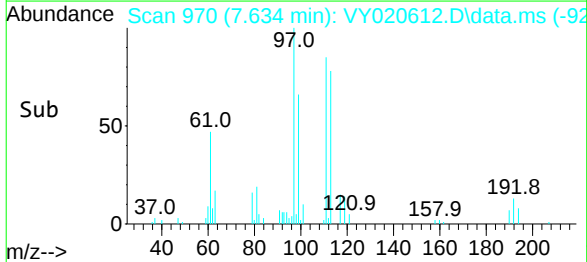
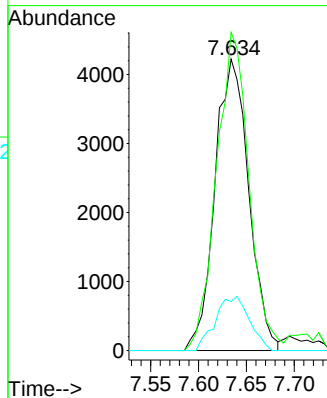
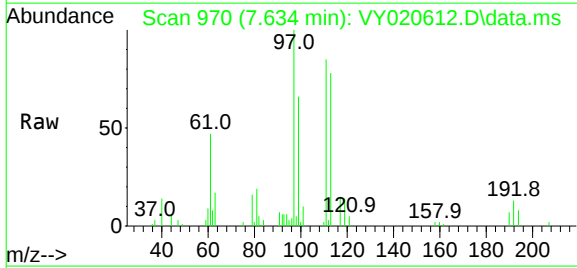
192 18.6 15.7 23.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/18/2024

Supervised By :Semsettin Yesilyurt 12/18/2024



#36

1,1-Dichloropropene

Concen: 6.279 ug/l

RT: 7.835 min Scan# 1003

Delta R.T. 0.000 min

Lab File: VY020612.D

Acq: 17 Dec 2024 09:38

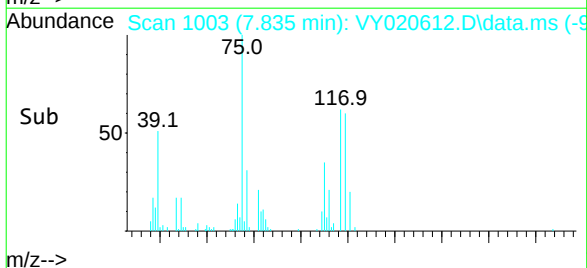
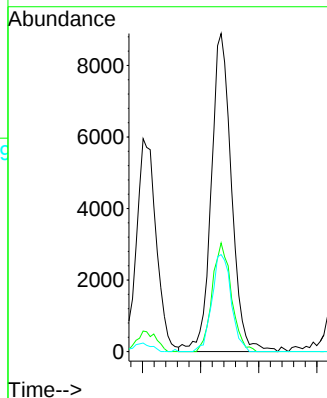
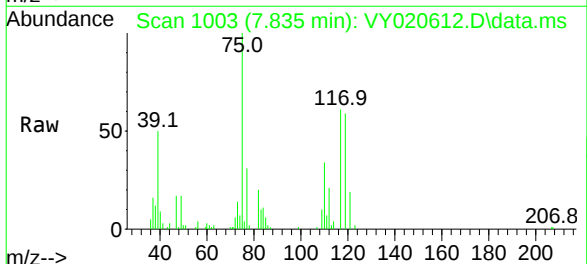
Tgt Ion: 75 Resp: 21482

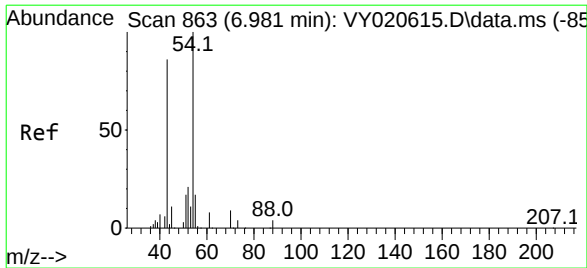
Ion Ratio Lower Upper

75 100

110 32.4 16.8 50.4

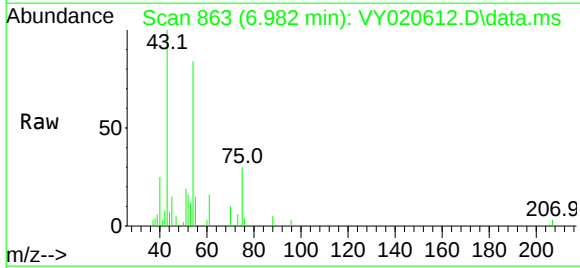
77 29.1 25.0 37.6





#37
Ethyl Acetate
Concen: 6.602 ug/l
RT: 6.982 min Scan# 86
Delta R.T. 0.000 min
Lab File: VY020612.D
Acq: 17 Dec 2024 09:38

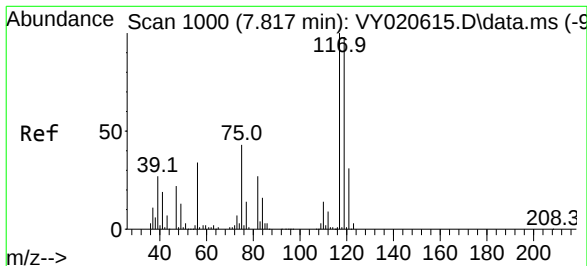
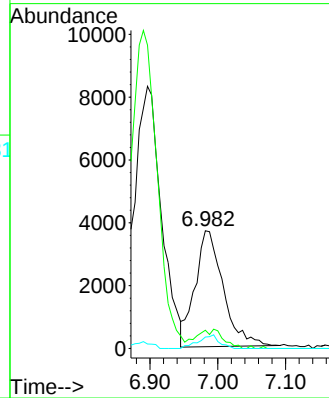
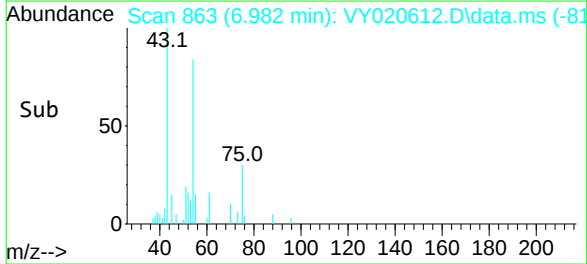
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005



Tgt Ion: 43 Resp: 10625
Ion Ratio Lower Upper
43 100
61 0.0 11.0 16.4#
70 8.6 7.9 11.9

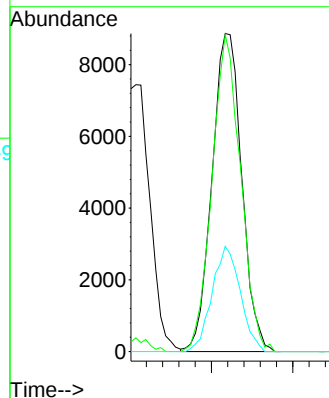
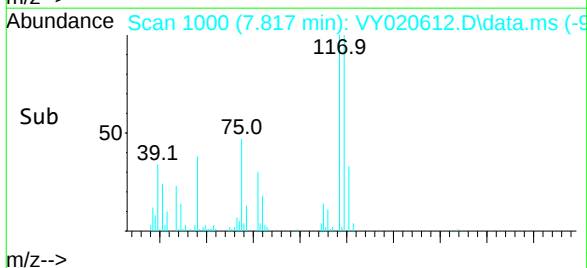
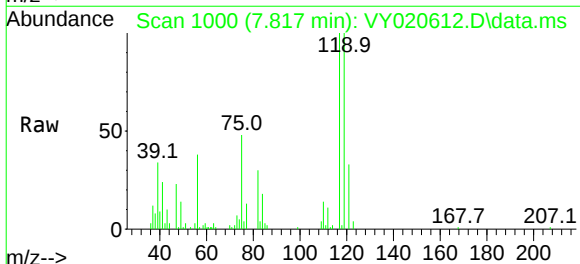
Manual Integrations
APPROVED

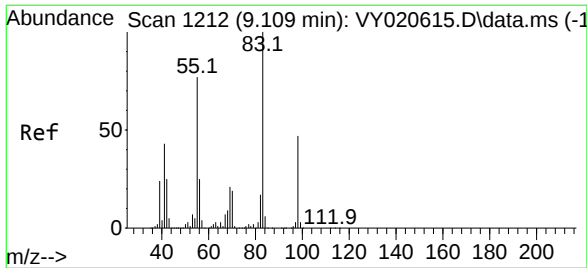
Reviewed By :Mahesh Dadoda 12/18/2024
Supervised By :Semsettin Yesilyurt 12/18/2024



#38
Carbon Tetrachloride
Concen: 5.935 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY020612.D
Acq: 17 Dec 2024 09:38

Tgt Ion:117 Resp: 22467
Ion Ratio Lower Upper
117 100
119 99.6 78.3 117.5
121 33.1 25.1 37.7





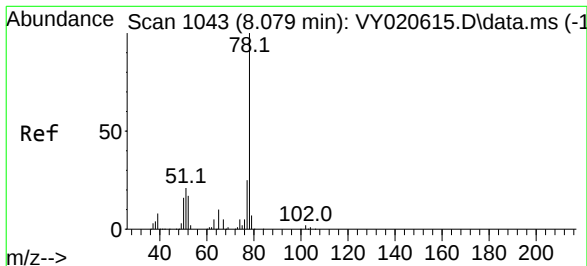
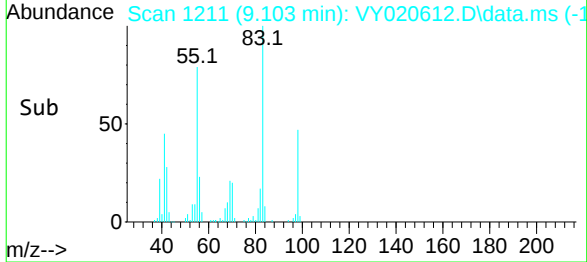
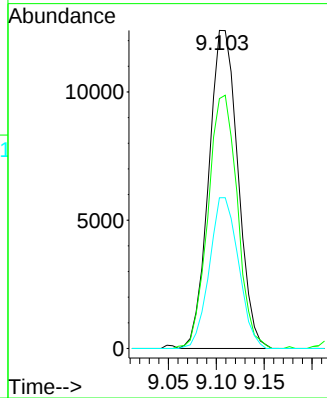
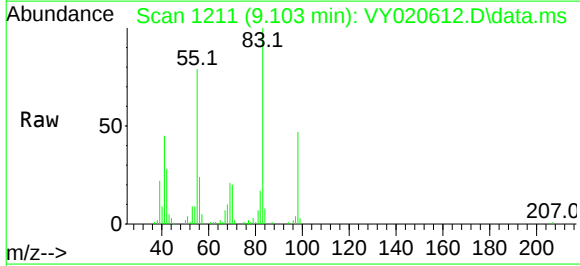
#39
Methylcyclohexane
Concen: 5.899 ug/l
RT: 9.103 min Scan# 1212
Delta R.T. -0.006 min
Lab File: VY020612.D
Acq: 17 Dec 2024 09:38

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion	Ratio	Lower	Upper
83	100		
55	78.6	61.4	92.0
98	47.4	37.3	55.9

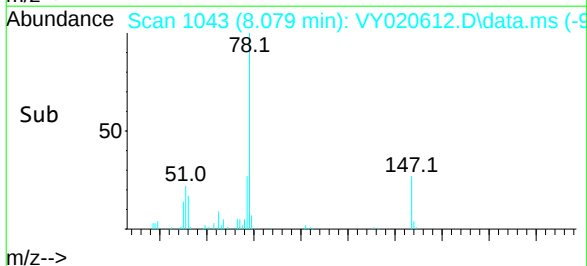
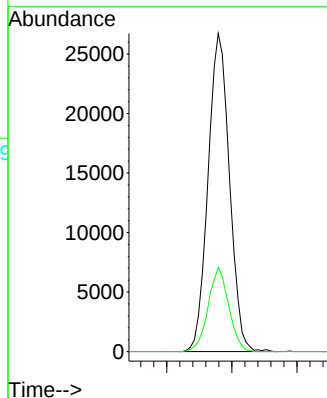
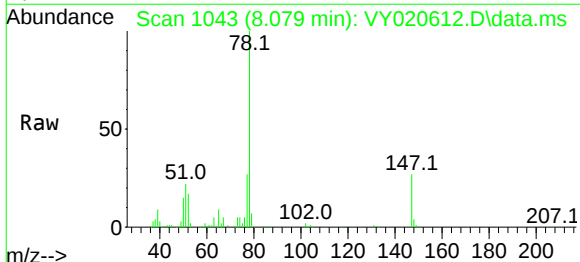
Manual Integrations
APPROVED

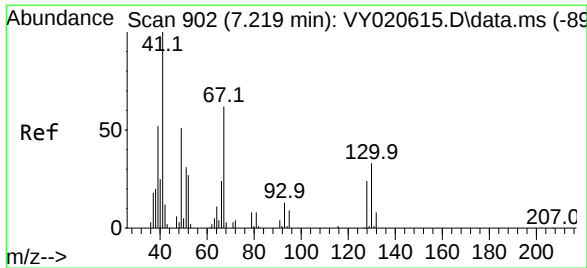
Reviewed By :Mahesh Dadoda 12/18/2024
Supervised By :Semsettin Yesilyurt 12/18/2024



#40
Benzene
Concen: 6.085 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. 0.000 min
Lab File: VY020612.D
Acq: 17 Dec 2024 09:38

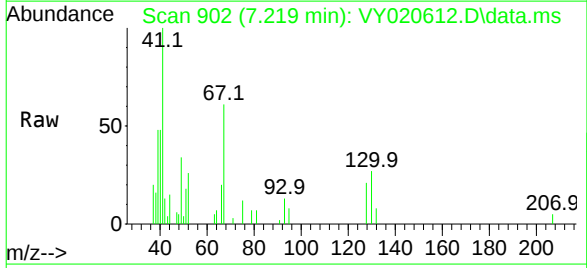
Tgt Ion	Ratio	Lower	Upper
78	100		
77	26.5	20.1	30.1





#41
Methacrylonitrile
Concen: 4.784 ug/l
RT: 7.219 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY020612.D
Acq: 17 Dec 2024 09:38

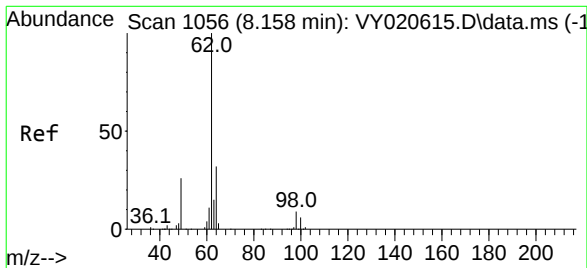
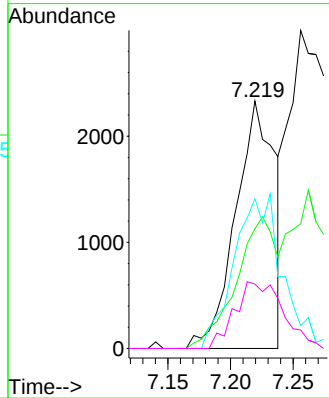
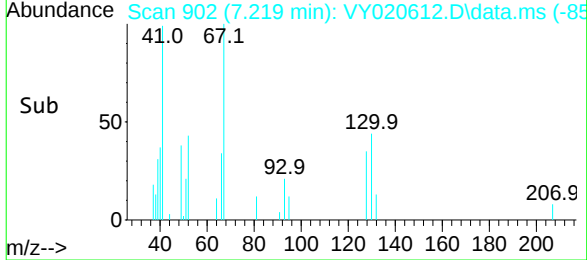
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005



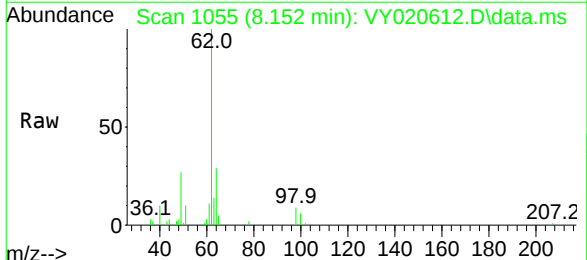
Tgt Ion: 41 Resp: 5044
Ion Ratio Lower Upper
41 100
39 54.2 53.6 80.4
67 76.5 62.0 93.0
52 33.4 25.9 38.9

Manual Integrations
APPROVED

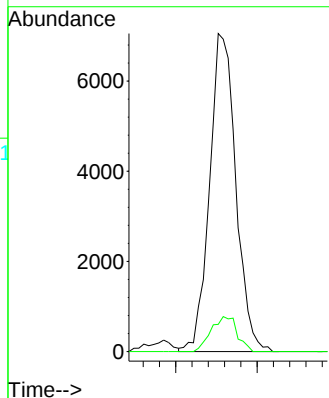
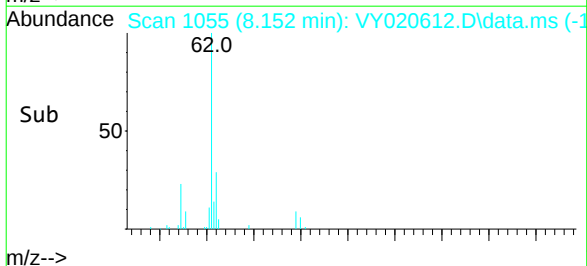
Reviewed By :Mahesh Dadoda 12/18/2024
Supervised By :Semsettin Yesilyurt 12/18/2024

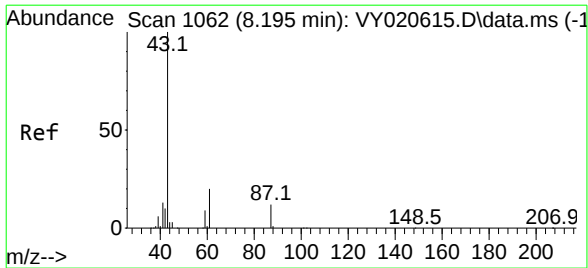


#42
1,2-Dichloroethane
Concen: 5.945 ug/l
RT: 8.152 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VY020612.D
Acq: 17 Dec 2024 09:38



Tgt Ion: 62 Resp: 15813
Ion Ratio Lower Upper
62 100
98 10.9 0.0 18.0





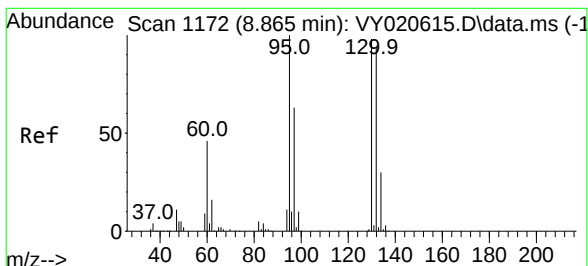
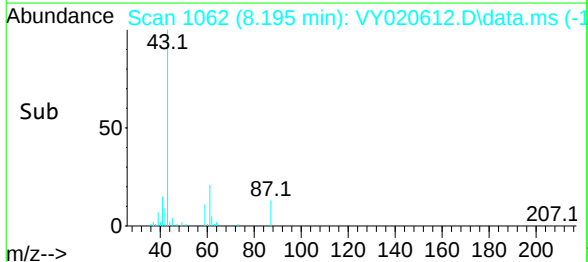
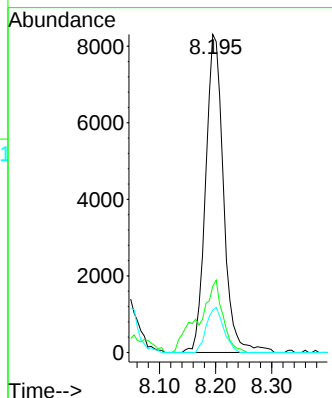
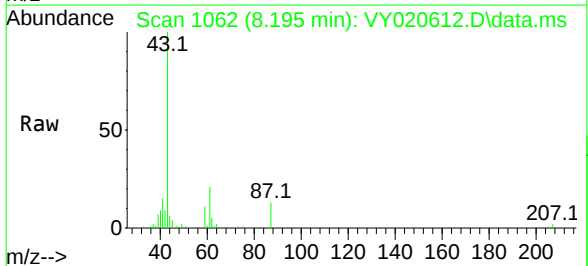
#43
Isopropyl Acetate
Concen: 6.029 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VY020612.D
Acq: 17 Dec 2024 09:38

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion: 43	Resp: 18369
Ion Ratio	Lower Upper
43 100	
61 30.6	23.8 35.6
87 13.7	10.2 15.4

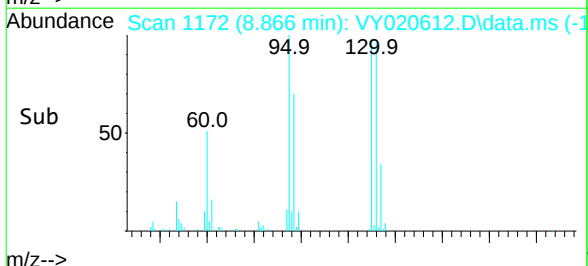
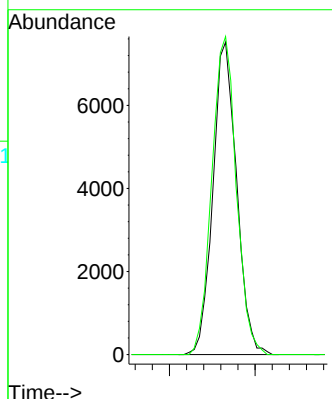
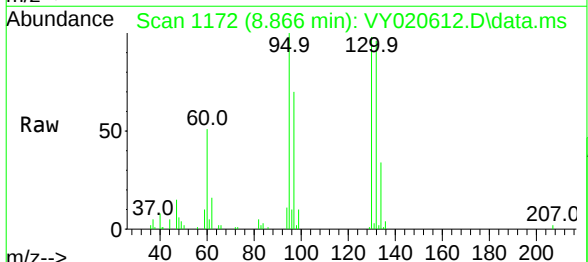
Manual Integrations
APPROVED

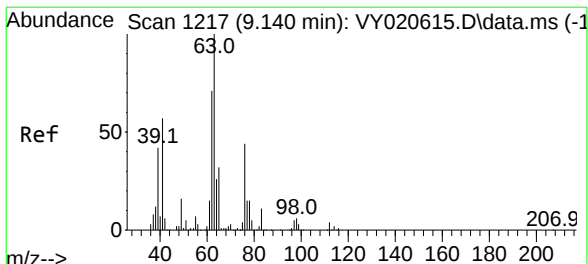
Reviewed By :Mahesh Dadoda 12/18/2024
Supervised By :Semsettin Yesilyurt 12/18/2024



#44
Trichloroethene
Concen: 5.860 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY020612.D
Acq: 17 Dec 2024 09:38

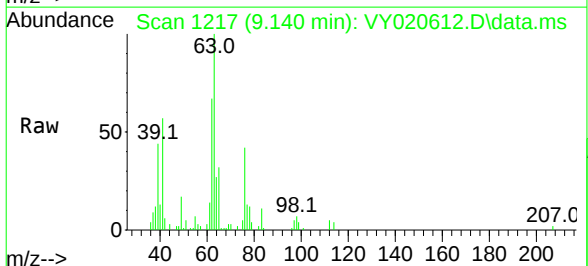
Tgt Ion:130	Resp: 14441
Ion Ratio	Lower Upper
130 100	
95 101.8	0.0 203.2





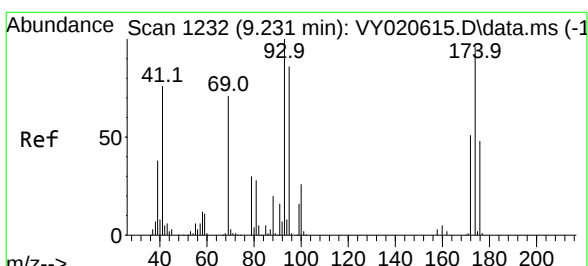
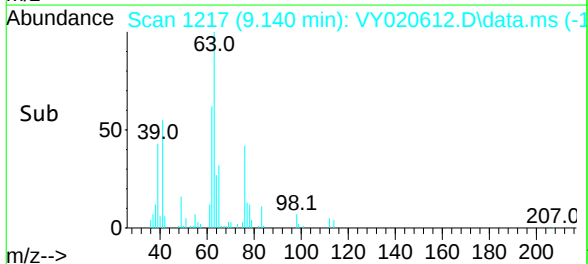
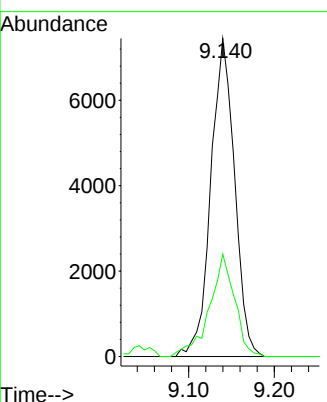
#45
 1,2-Dichloropropane
 Concen: 6.123 ug/l
 RT: 9.140 min Scan# 1217
 Delta R.T. 0.000 min
 Lab File: VY020612.D
 Acq: 17 Dec 2024 09:38

Instrument : MSVOA_Y
 ClientSampleId : VSTDICC005



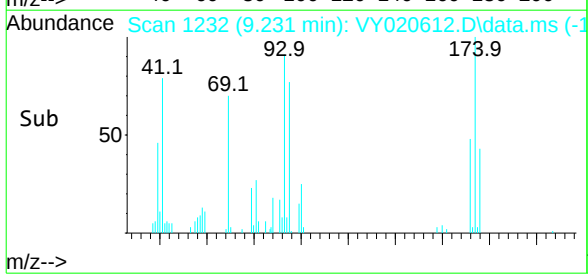
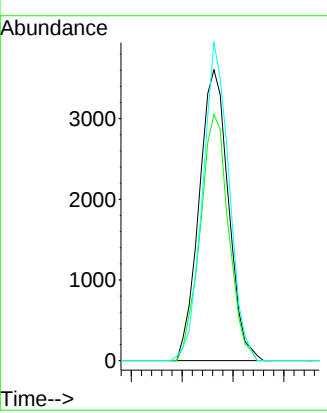
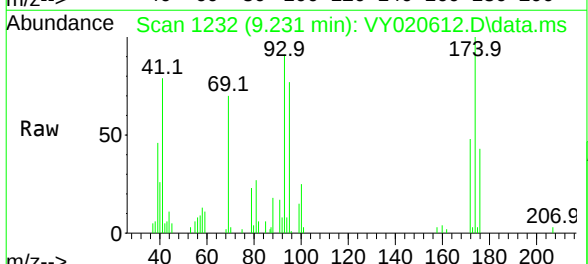
Tgt Ion:	63	Resp:	14351
Ion Ratio	Lower	Upper	
63	100		
65	32.2	25.9	38.9

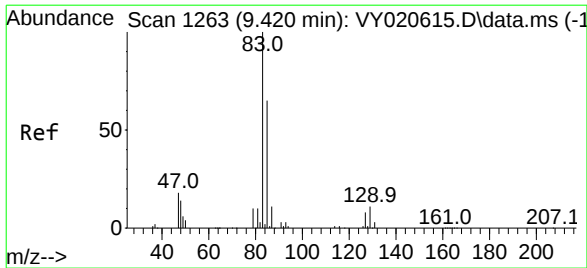
Manual Integrations
APPROVED
 Reviewed By :Mahesh Dadoda 12/18/2024
 Supervised By :Semsettin Yesilyurt 12/18/2024



#46
 Dibromomethane
 Concen: 5.830 ug/l
 RT: 9.231 min Scan# 1232
 Delta R.T. 0.000 min
 Lab File: VY020612.D
 Acq: 17 Dec 2024 09:38

Tgt Ion:	93	Resp:	7221
Ion Ratio	Lower	Upper	
93	100		
95	81.6	66.7	100.1
174	99.0	77.8	116.6





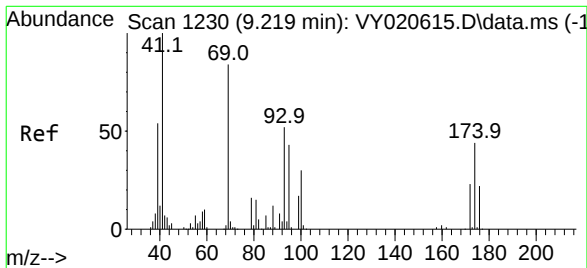
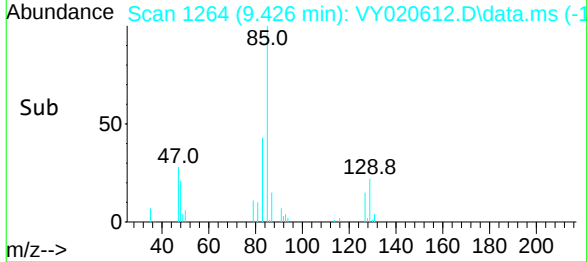
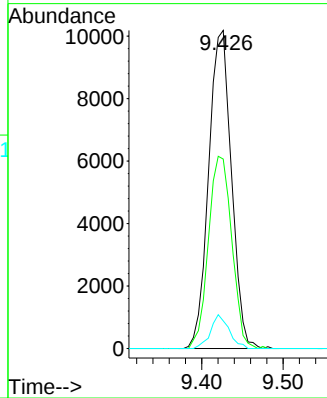
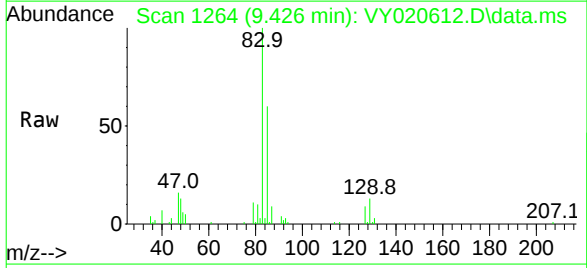
#47
Bromodichloromethane
Concen: 5.921 ug/l
RT: 9.426 min Scan# 1263
Delta R.T. 0.006 min
Lab File: VY020612.D
Acq: 17 Dec 2024 09:38

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion	Ratio	Lower	Upper
83	100		
85	59.6	52.1	78.1
127	8.7	6.7	10.1

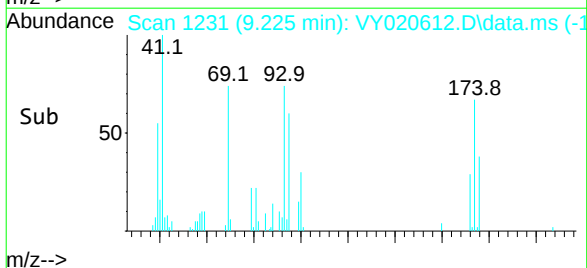
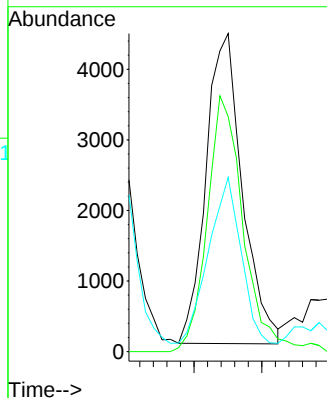
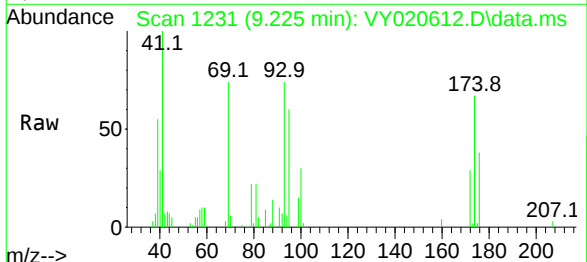
Manual Integrations
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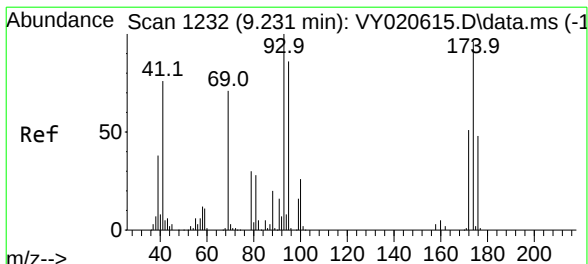
Reviewed By :Mahesh Dadoda 12/18/2024
Supervised By :Semsettin Yesilyurt 12/18/2024



#48
Methyl methacrylate
Concen: 5.648 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. 0.006 min
Lab File: VY020612.D
Acq: 17 Dec 2024 09:38

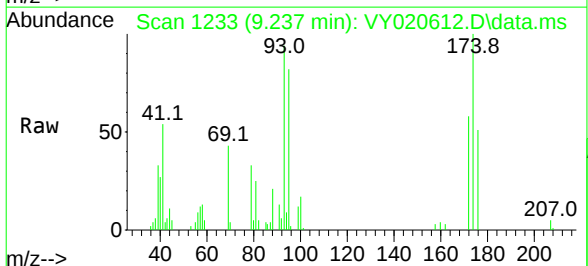
Tgt Ion	Ratio	Lower	Upper
41	100		
69	82.3	67.2	100.8
39	47.5	42.2	63.4





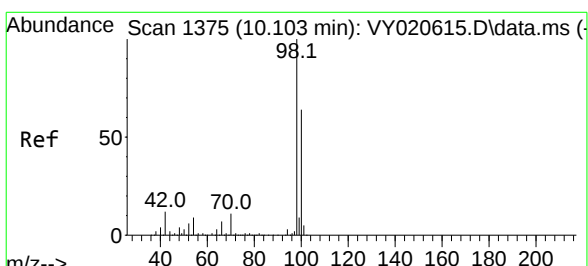
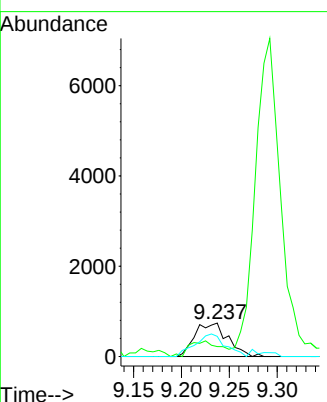
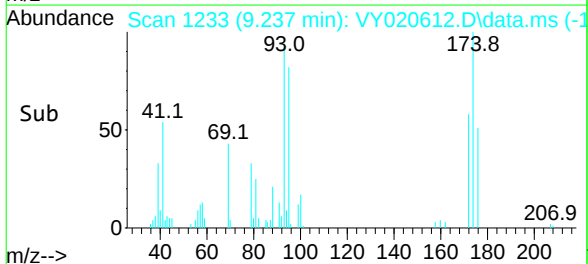
#49
 1,4-Dioxane
 Concen: 124.528 ug/l
 RT: 9.237 min Scan# 1233
 Delta R.T. 0.006 min
 Lab File: VY020612.D
 Acq: 17 Dec 2024 09:38

Instrument : MSVOA_Y
 ClientSampleId : VSTDIC005



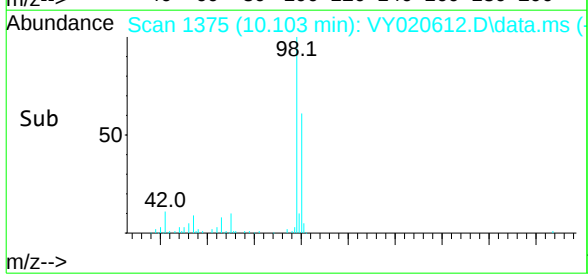
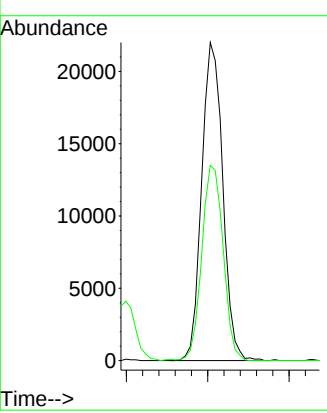
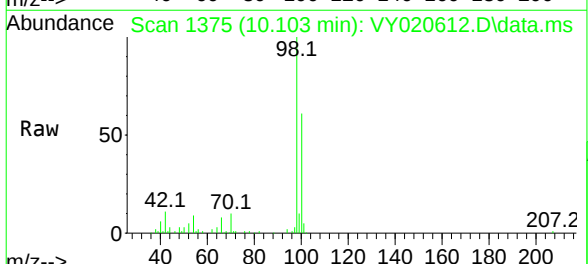
Tgt Ion:	88	Resp:	1769
Ion	Ratio	Lower	Upper
88	100		
43	43.4	27.6	41.4
58	61.7	61.7	92.5

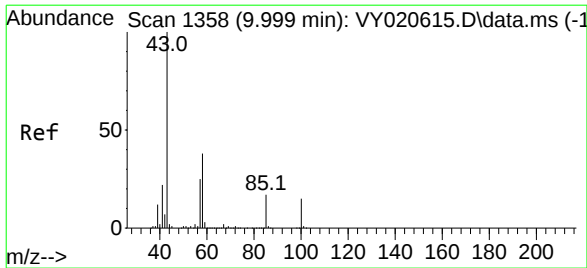
Manual Integrations
APPROVED
 Reviewed By :Mahesh Dadoda 12/18/2024
 Supervised By :Semsettin Yesilyurt 12/18/2024



#50
 Toluene-d8
 Concen: 6.015 ug/l
 RT: 10.103 min Scan# 1375
 Delta R.T. 0.000 min
 Lab File: VY020612.D
 Acq: 17 Dec 2024 09:38

Tgt Ion:	98	Resp:	39502
Ion	Ratio	Lower	Upper
98	100		
100	62.4	52.1	78.1





#51

4-Methyl-2-Pentanone

Concen: 32.078 ug/l

RT: 9.999 min Scan# 1358

Delta R.T. 0.000 min

Lab File: VY020612.D

Acq: 17 Dec 2024 09:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

Tgt Ion: 43 Resp: 51589

Ion Ratio Lower Upper

43 100

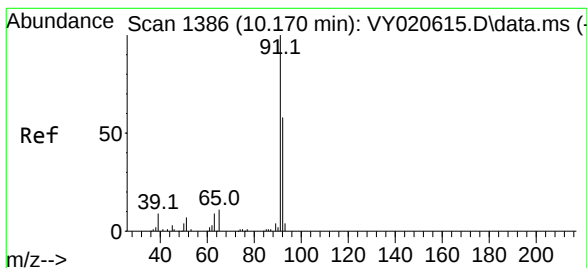
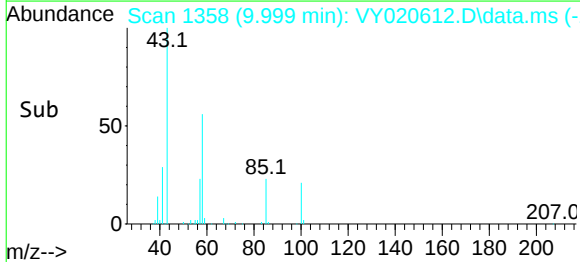
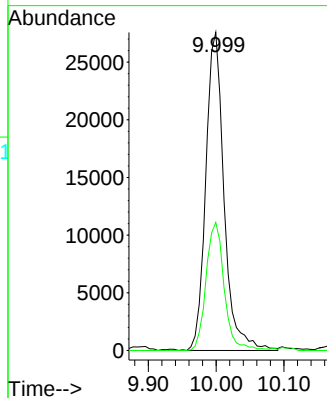
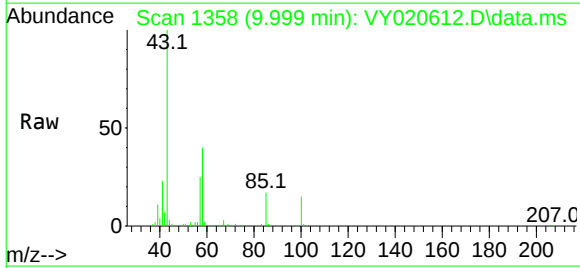
58 40.0 31.4 47.2

Manual Integrations

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Reviewed By :Mahesh Dadoda 12/18/2024

Supervised By :Semsettin Yesilyurt 12/18/2024



#52

Toluene

Concen: 5.856 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. 0.000 min

Lab File: VY020612.D

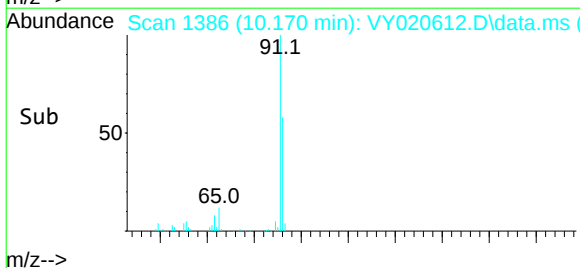
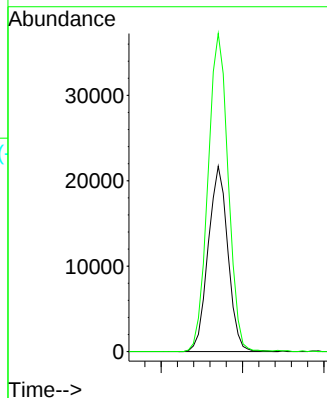
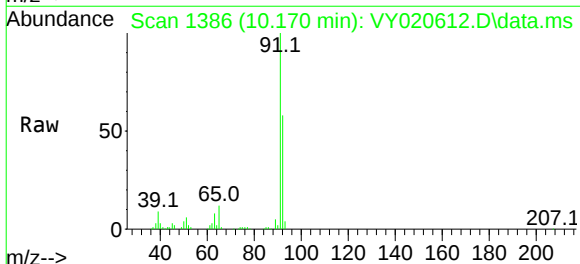
Acq: 17 Dec 2024 09:38

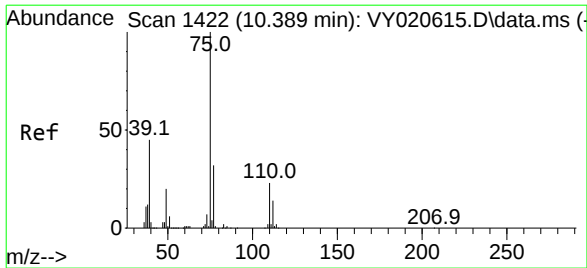
Tgt Ion: 92 Resp: 36494

Ion Ratio Lower Upper

92 100

91 175.7 137.4 206.0





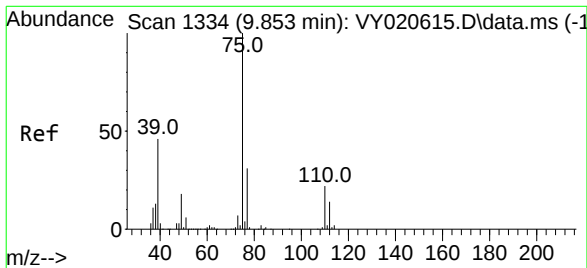
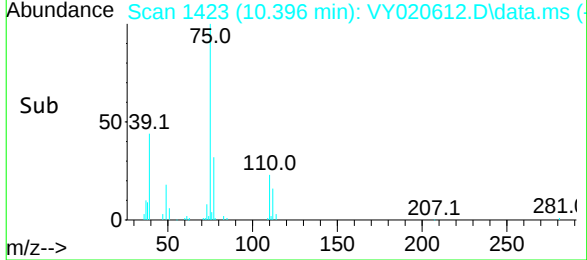
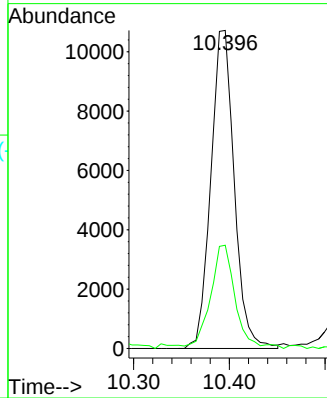
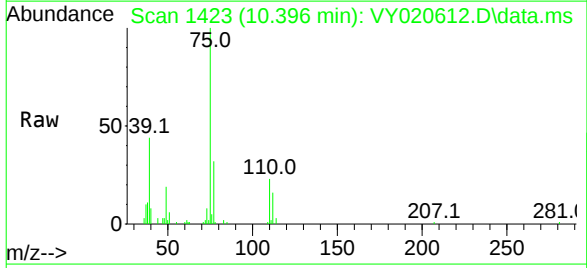
#53
t-1,3-Dichloropropene
Concen: 5.847 ug/l
RT: 10.396 min Scan# 1422
Delta R.T. 0.006 min
Lab File: VY020612.D
Acq: 17 Dec 2024 09:38

Instrument : MSVOA_Y
ClientSampleId : VSTDIC005

Tgt Ion: 75 Resp: 18229
Ion Ratio Lower Upper
75 100
77 31.5 25.4 38.2

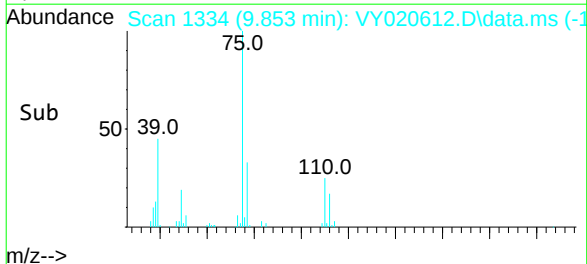
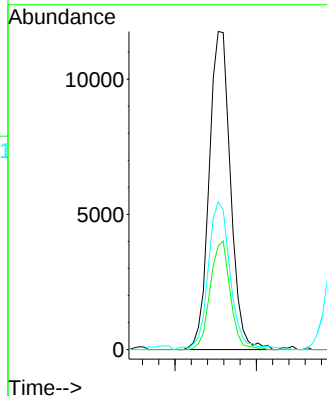
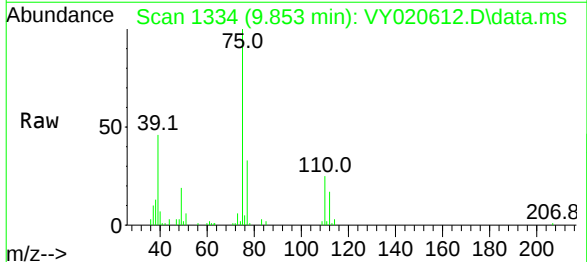
Manual Integrations
APPROVED

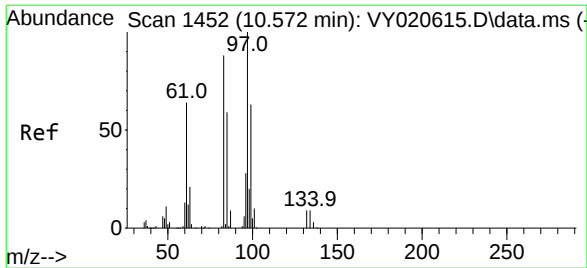
Reviewed By :Mahesh Dadoda 12/18/2024
Supervised By :Semsettin Yesilyurt 12/18/2024



#54
cis-1,3-Dichloropropene
Concen: 5.813 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. 0.000 min
Lab File: VY020612.D
Acq: 17 Dec 2024 09:38

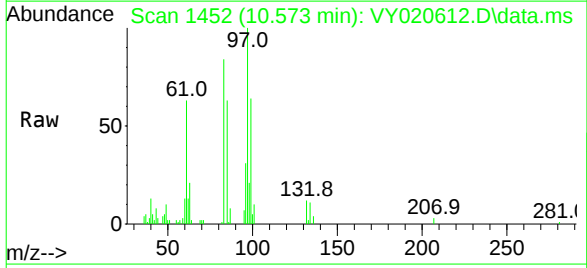
Tgt Ion: 75 Resp: 21475
Ion Ratio Lower Upper
75 100
77 32.5 24.6 36.8
39 45.9 36.4 54.6





#55
1,1,2-Trichloroethane
Concen: 5.963 ug/l
RT: 10.573 min Scan# 1452
Delta R.T. 0.000 min
Lab File: VY020612.D
Acq: 17 Dec 2024 09:38

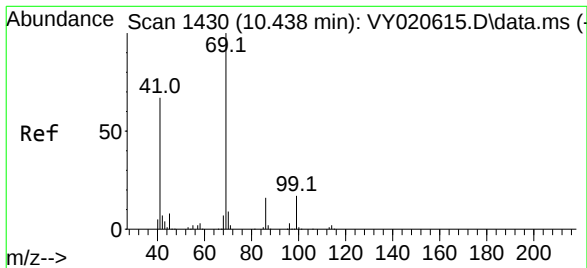
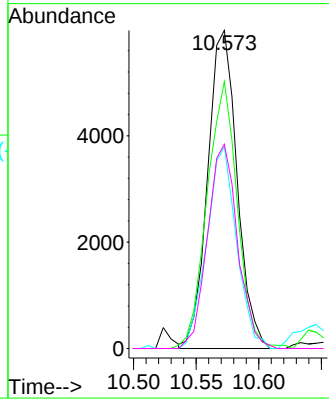
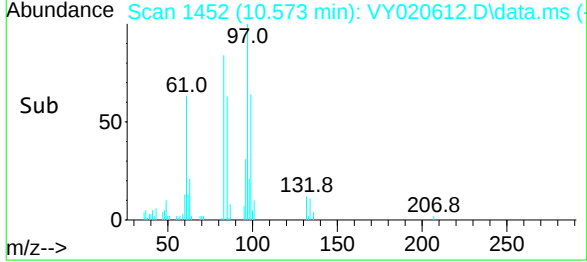
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



Tgt Ion	Ratio	Lower	Upper
97	100		
83	82.9	70.4	105.6
85	63.4	47.2	70.8
99	64.2	50.0	75.0

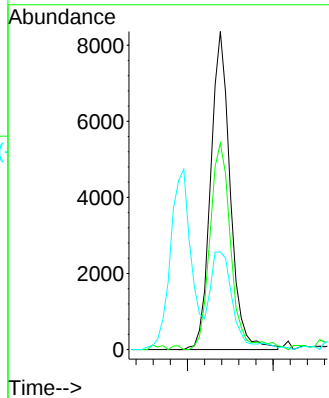
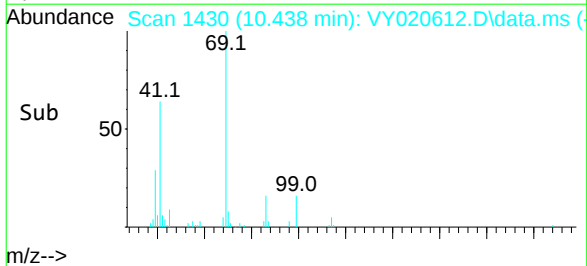
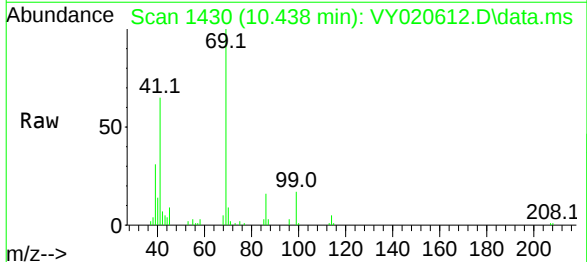
Manual Integrations
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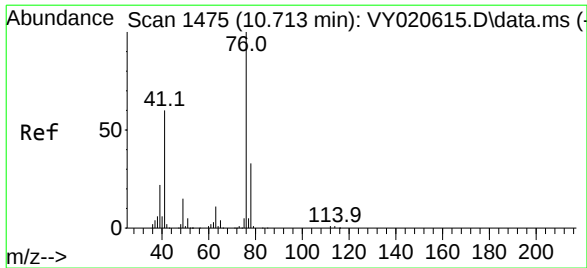
Reviewed By :Mahesh Dadoda 12/18/2024
Supervised By :Semsettin Yesilyurt 12/18/2024



#56
Ethyl methacrylate
Concen: 5.588 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VY020612.D
Acq: 17 Dec 2024 09:38

Tgt Ion	Ratio	Lower	Upper
69	100		
41	69.5	54.0	81.0
39	35.3	27.9	41.9





#57

1,3-Dichloropropane

Concen: 6.101 ug/l

RT: 10.719 min Scan# 1475

Delta R.T. 0.006 min

Lab File: VY020612.D

Acq: 17 Dec 2024 09:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

Tgt Ion: 76 Resp: 17812

Ion Ratio Lower Upper

76 100

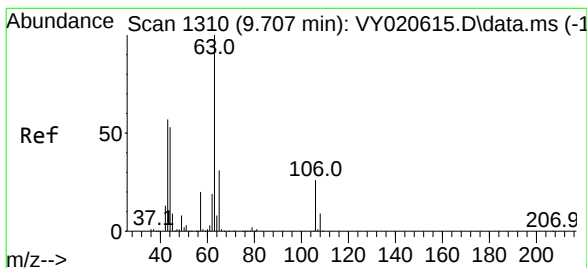
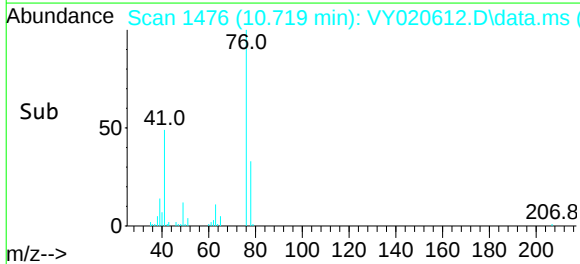
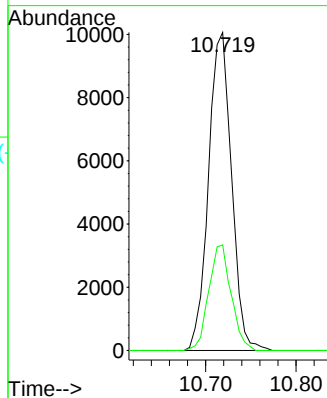
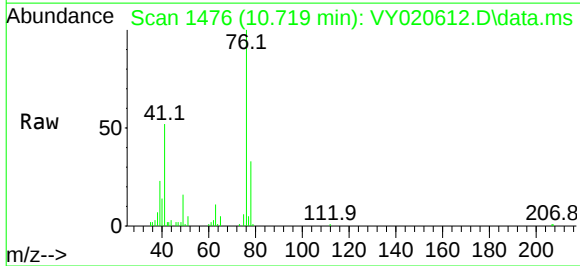
78 32.3 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/18/2024

Supervised By :Semsettin Yesilyurt 12/18/2024



#58

2-Chloroethyl Vinyl ether

Concen: 27.211 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.006 min

Lab File: VY020612.D

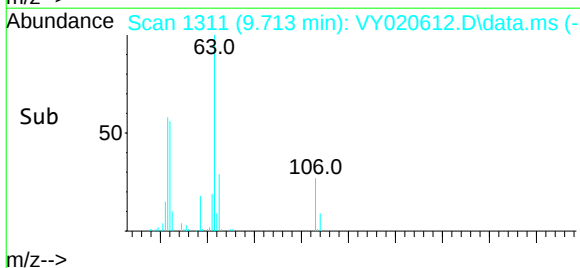
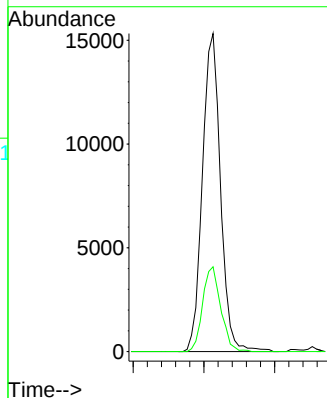
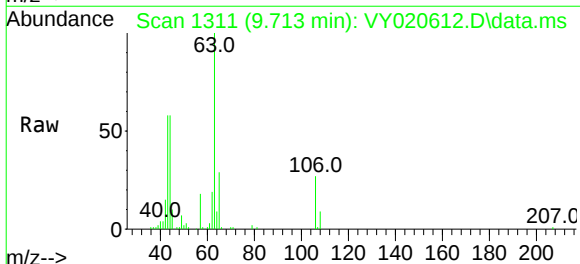
Acq: 17 Dec 2024 09:38

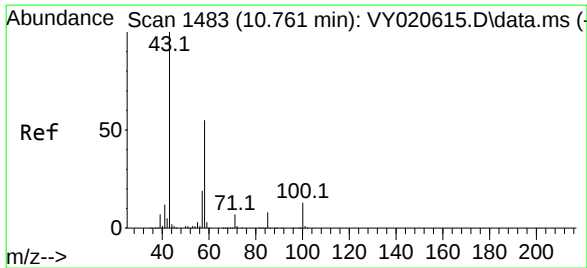
Tgt Ion: 63 Resp: 27203

Ion Ratio Lower Upper

63 100

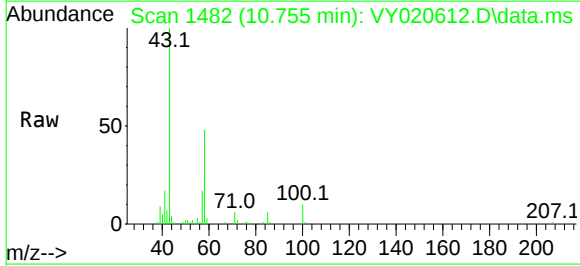
106 26.6 21.5 32.3





#59
2-Hexanone
Concen: 28.202 ug/l
RT: 10.755 min Scan# 1482
Delta R.T. -0.006 min
Lab File: VY020612.D
Acq: 17 Dec 2024 09:38

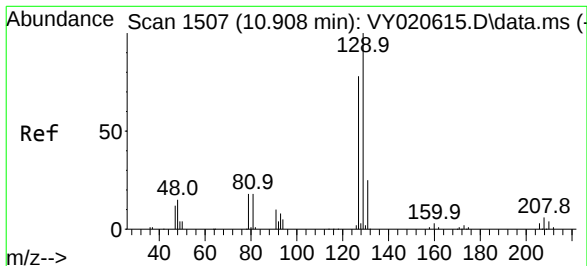
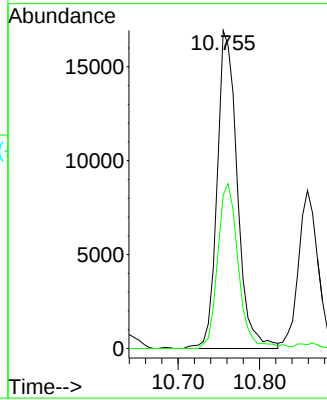
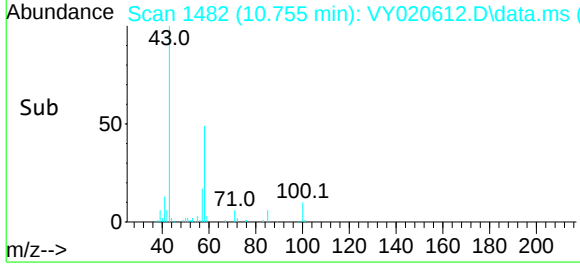
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005



Tgt Ion: 43 Resp: 29120
Ion Ratio Lower Upper
43 100
58 53.2 27.2 81.6

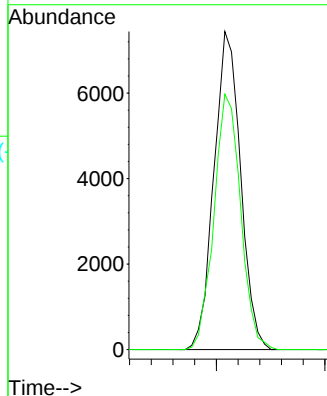
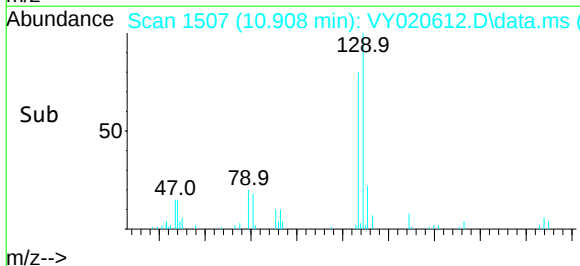
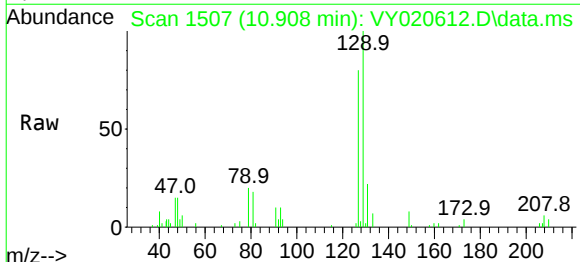
Manual Integrations
APPROVED

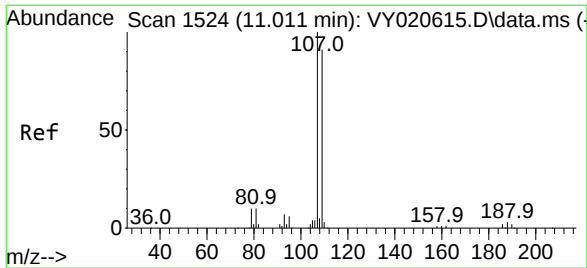
Reviewed By :Mahesh Dadoda 12/18/2024
Supervised By :Semsettin Yesilyurt 12/18/2024



#60
Dibromochloromethane
Concen: 5.791 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. 0.000 min
Lab File: VY020612.D
Acq: 17 Dec 2024 09:38

Tgt Ion:129 Resp: 12684
Ion Ratio Lower Upper
129 100
127 80.4 38.1 114.3





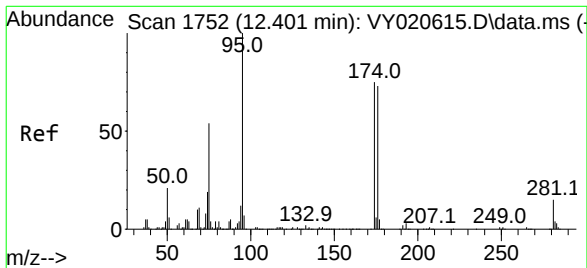
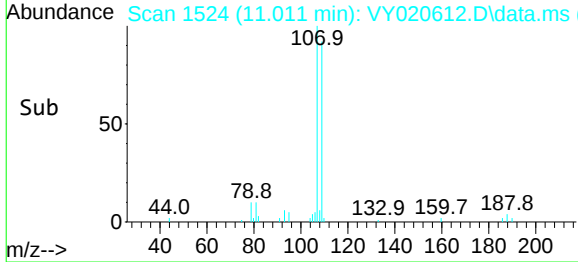
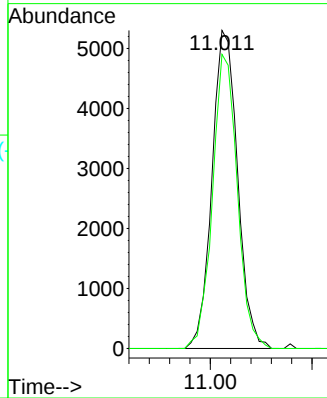
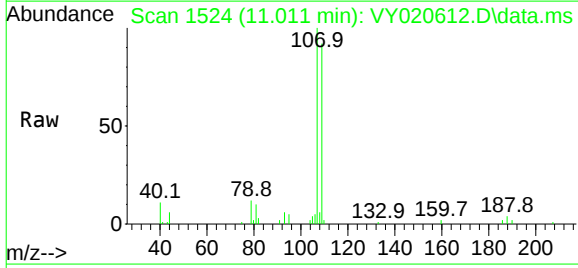
#61
1,2-Dibromoethane
Concen: 6.083 ug/l
RT: 11.011 min Scan# 1524
Delta R.T. 0.000 min
Lab File: VY020612.D
Acq: 17 Dec 2024 09:38

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion: 107 Resp: 9266
Ion Ratio Lower Upper
107 100
109 89.6 75.4 113.2

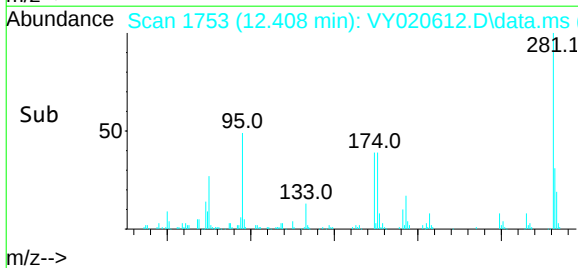
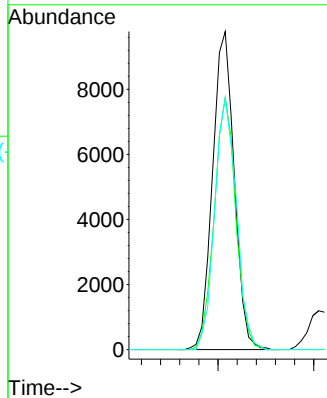
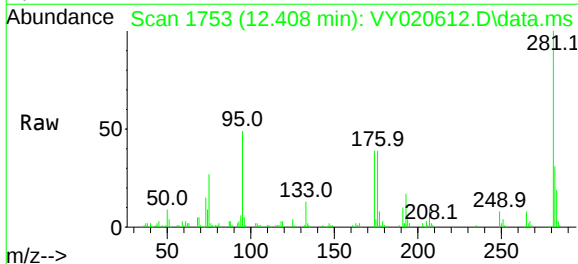
Manual Integrations
APPROVED

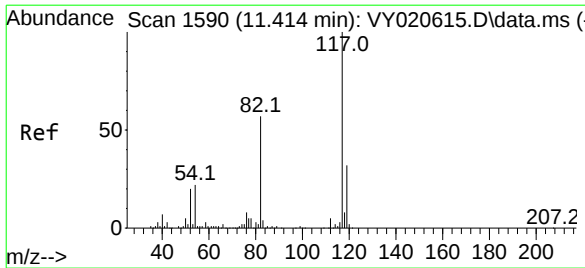
Reviewed By :Mahesh Dadoda 12/18/2024
Supervised By :Semsettin Yesilyurt 12/18/2024



#62
4-Bromofluorobenzene
Concen: 5.970 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY020612.D
Acq: 17 Dec 2024 09:38

Tgt Ion: 95 Resp: 15338
Ion Ratio Lower Upper
95 100
174 78.9 0.0 161.8
176 79.5 0.0 156.6





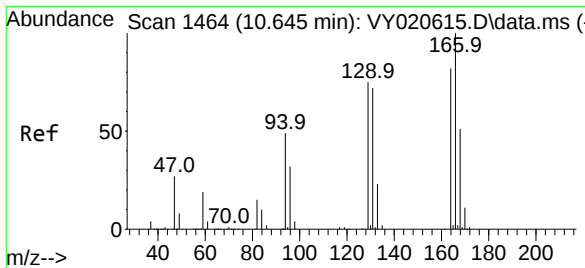
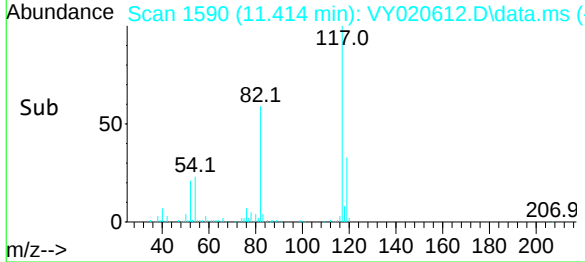
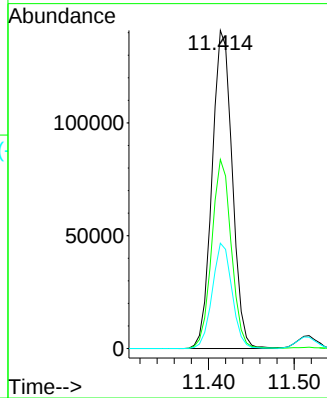
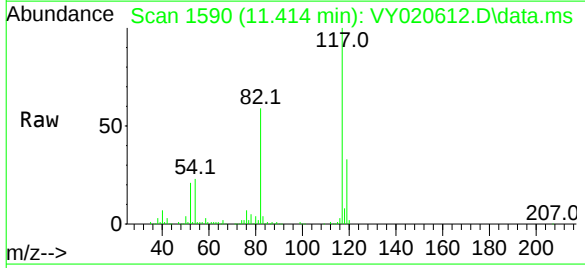
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VY020612.D
Acq: 17 Dec 2024 09:38

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion:	117	Resp:	230645
Ion Ratio	Lower	Upper	
117	100		
82	59.4	45.8	68.6
119	33.1	25.3	37.9

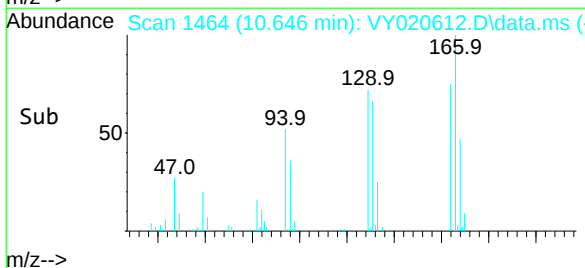
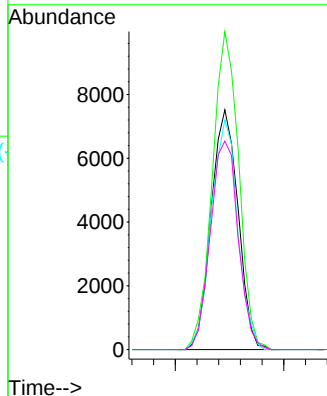
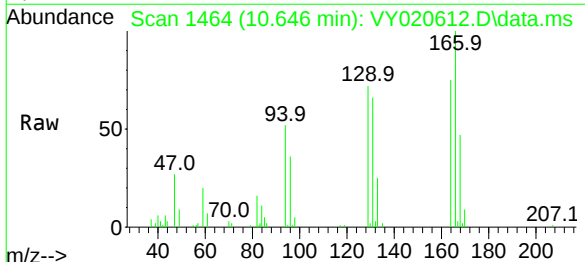
Manual Integrations
APPROVED

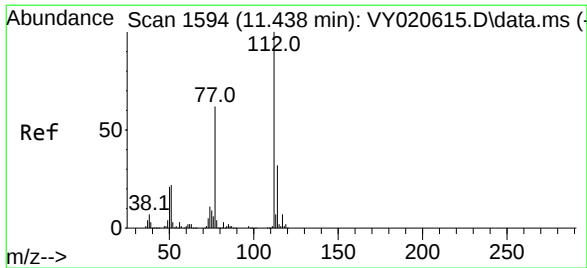
Reviewed By :Mahesh Dadoda 12/18/2024
Supervised By :Semsettin Yesilyurt 12/18/2024



#64
Tetrachloroethene
Concen: 5.964 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VY020612.D
Acq: 17 Dec 2024 09:38

Tgt Ion:	164	Resp:	12938
Ion Ratio	Lower	Upper	
164	100		
166	132.6	97.9	146.9
129	95.8	73.4	110.0
131	87.0	70.6	106.0





#65

Chlorobenzene

Concen: 6.083 ug/l

RT: 11.438 min Scan# 1594

Delta R.T. 0.000 min

Lab File: VY020612.D

Acq: 17 Dec 2024 09:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tgt Ion:112 Resp: 39230

Ion Ratio Lower Upper

112 100

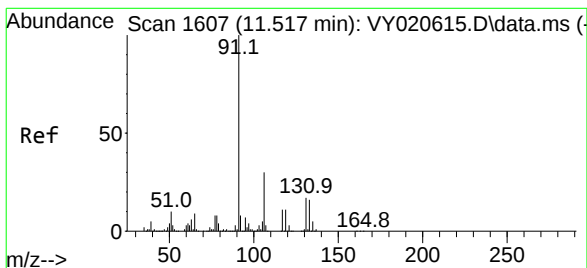
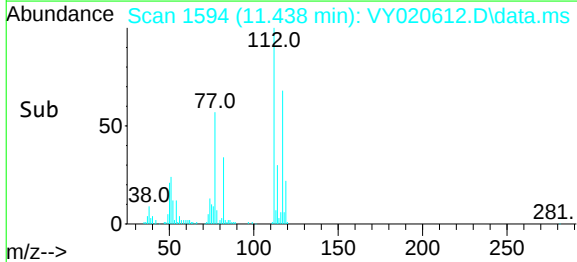
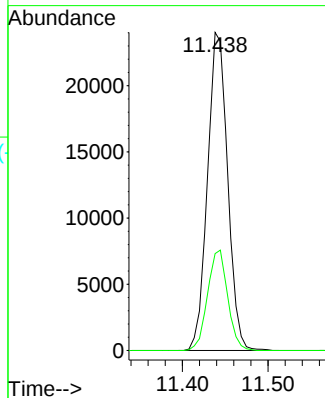
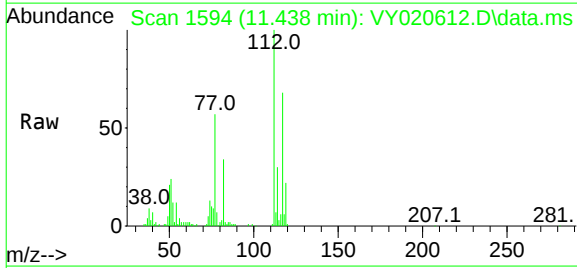
114 30.5 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/18/2024

Supervised By :Semsettin Yesilyurt 12/18/2024



#66

1,1,1,2-Tetrachloroethane

Concen: 5.906 ug/l

RT: 11.511 min Scan# 1606

Delta R.T. -0.006 min

Lab File: VY020612.D

Acq: 17 Dec 2024 09:38

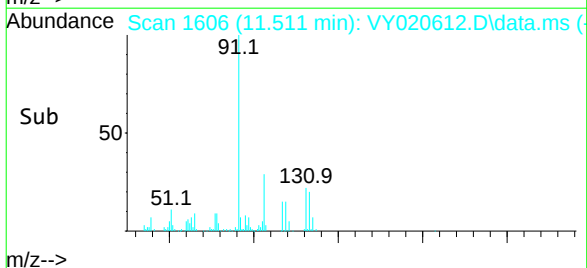
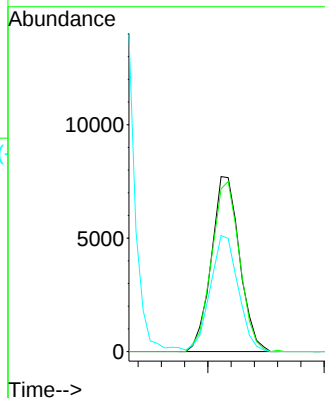
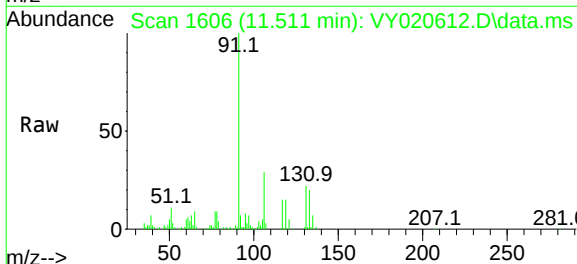
Tgt Ion:131 Resp: 13025

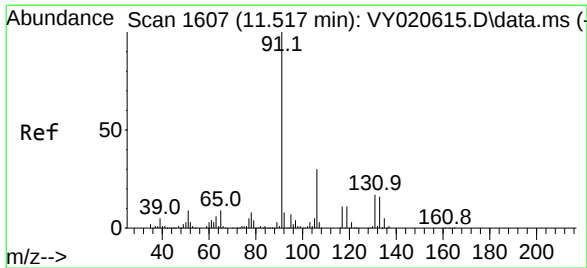
Ion Ratio Lower Upper

131 100

133 96.4 46.8 140.3

119 65.4 31.8 95.3





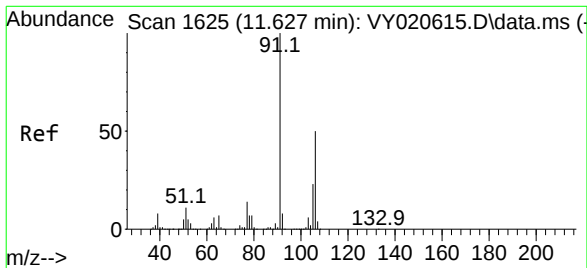
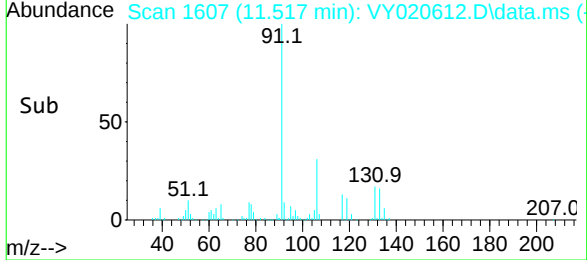
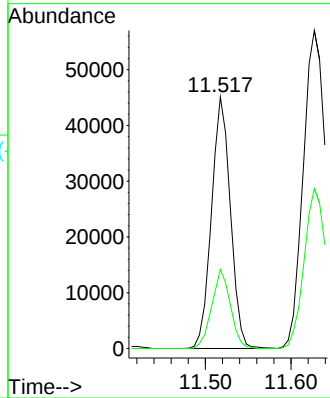
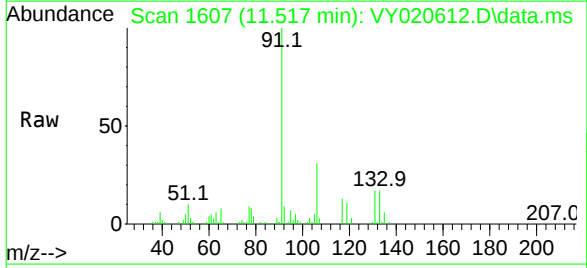
#67
Ethyl Benzene
Concen: 5.823 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY020612.D
Acq: 17 Dec 2024 09:38

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 69276
Ion Ratio Lower Upper
91 100
106 31.4 23.9 35.9

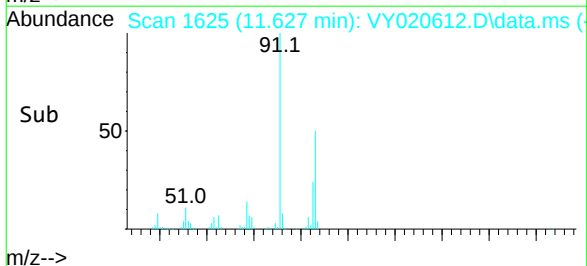
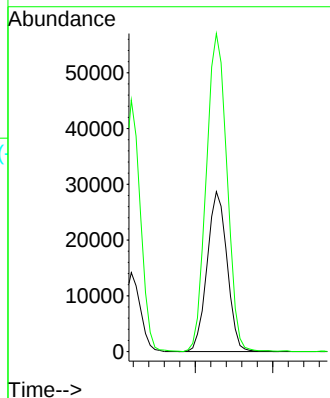
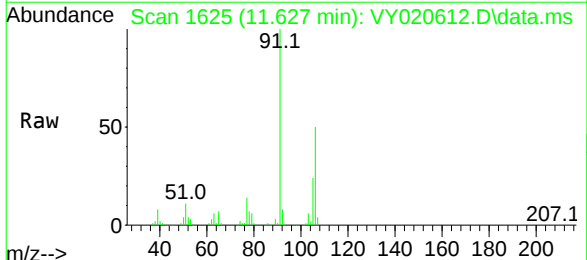
Manual Integrations
APPROVED

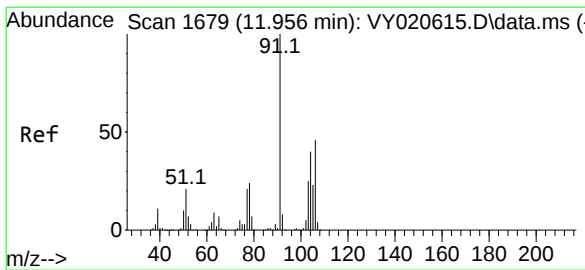
Reviewed By :Mahesh Dadoda 12/18/2024
Supervised By :Semsettin Yesilyurt 12/18/2024



#68
m/p-Xylenes
Concen: 11.599 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. 0.000 min
Lab File: VY020612.D
Acq: 17 Dec 2024 09:38

Tgt Ion:106 Resp: 51309
Ion Ratio Lower Upper
106 100
91 206.3 165.0 247.4





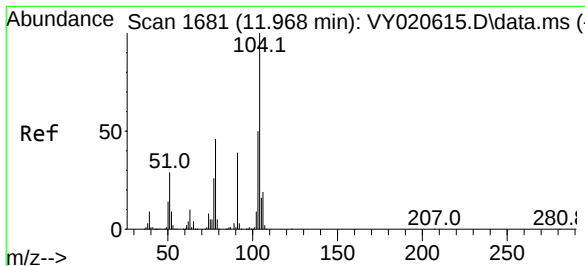
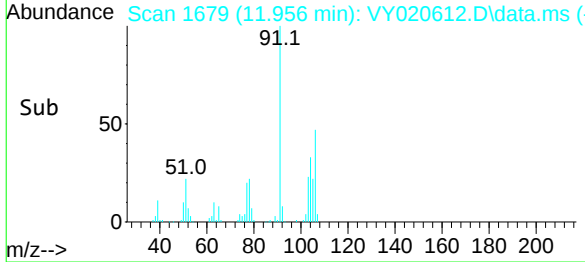
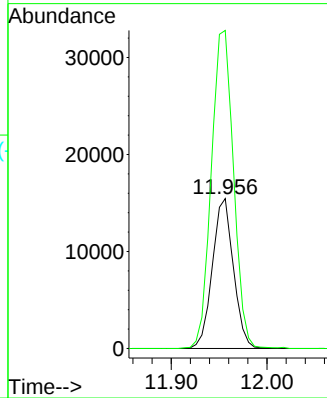
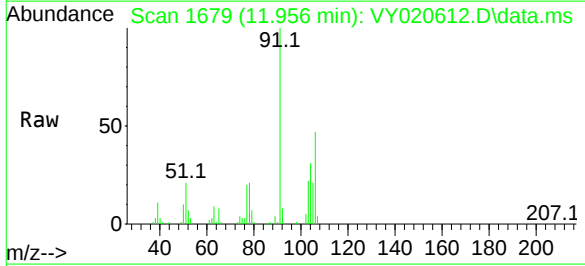
#69
o-Xylene
Concen: 5.726 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. 0.000 min
Lab File: VY020612.D
Acq: 17 Dec 2024 09:38

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion:106 Resp: 23634
Ion Ratio Lower Upper
106 100
91 223.8 108.4 325.2

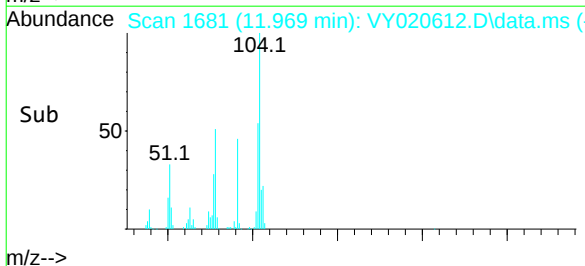
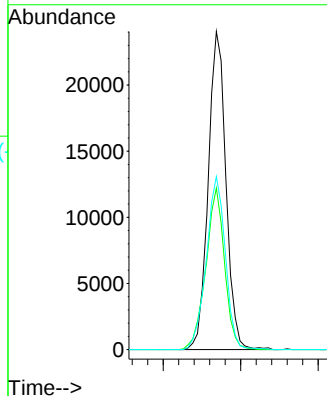
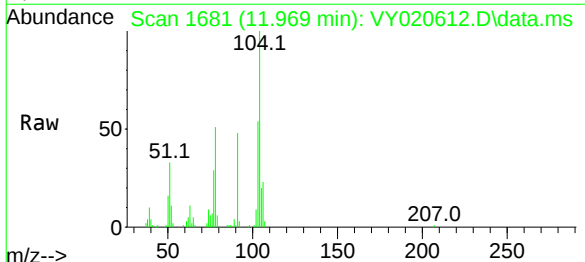
Manual Integrations
APPROVED

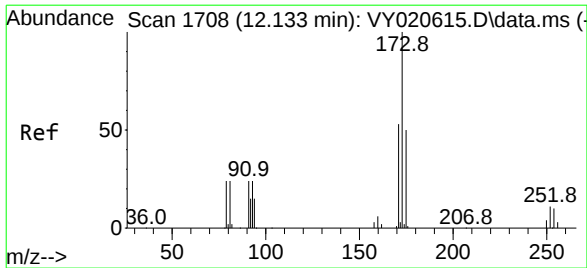
Reviewed By :Mahesh Dadoda 12/18/2024
Supervised By :Semsettin Yesilyurt 12/18/2024



#70
Styrene
Concen: 5.546 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VY020612.D
Acq: 17 Dec 2024 09:38

Tgt Ion:104 Resp: 38246
Ion Ratio Lower Upper
104 100
78 53.4 41.6 62.4
103 58.5 43.7 65.5





#71

Bromoform

Concen: 6.052 ug/l

RT: 12.133 min Scan# 1708

Delta R.T. 0.000 min

Lab File: VY020612.D

Acq: 17 Dec 2024 09:38

Instrument :

MSVOA_Y

ClientSampleId :

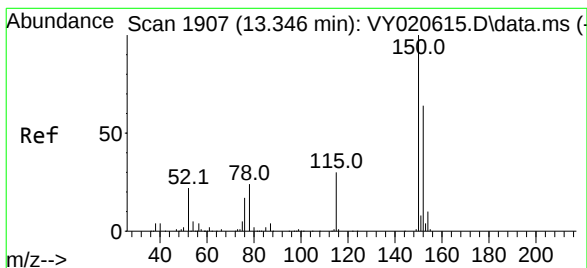
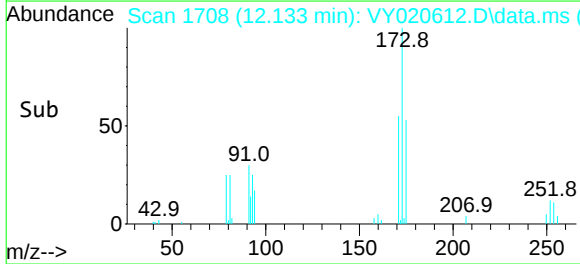
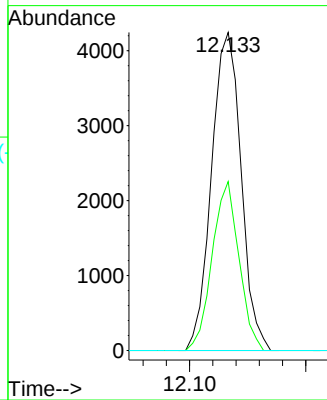
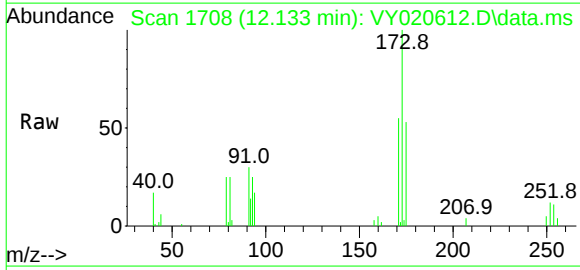
VSTDICC005

Tgt	Ion:173	Resp:	7504
Ion	Ratio	Lower	Upper
173	100		
175	48.1	24.6	74.0
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/18/2024
Supervised By :Semsettin Yesilyurt 12/18/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

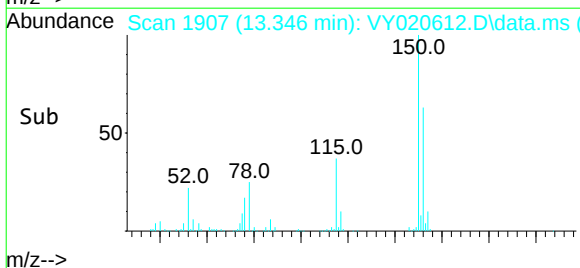
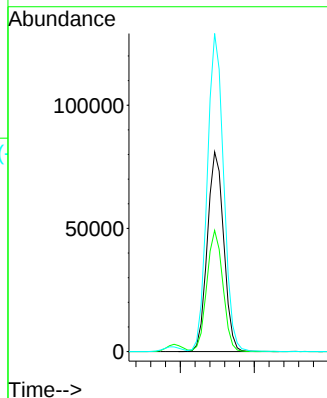
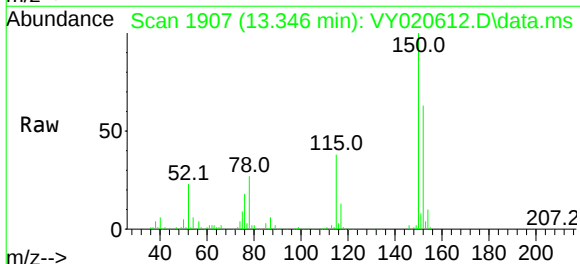
RT: 13.346 min Scan# 1907

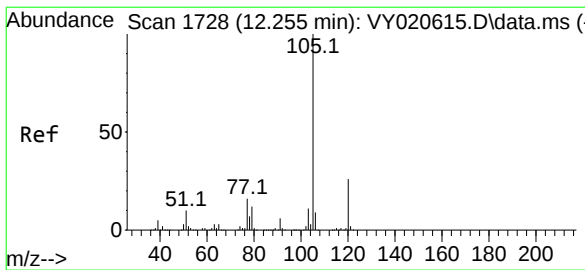
Delta R.T. 0.000 min

Lab File: VY020612.D

Acq: 17 Dec 2024 09:38

Tgt	Ion:152	Resp:	124565
Ion	Ratio	Lower	Upper
152	100		
115	59.3	30.2	90.6
150	159.5	0.0	355.4





#73

Isopropylbenzene

Concen: 5.918 ug/l

RT: 12.255 min Scan# 1728

Delta R.T. 0.000 min

Lab File: VY020612.D

Acq: 17 Dec 2024 09:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tgt Ion: 105 Resp: 64335

Ion Ratio Lower Upper

105 100

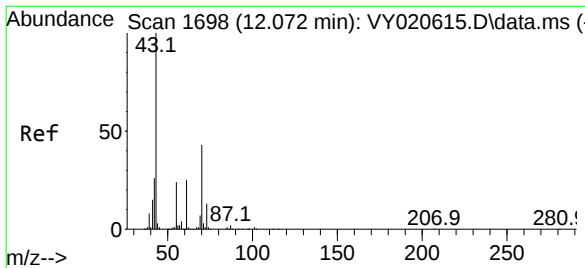
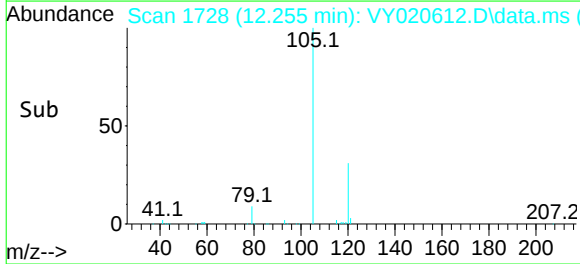
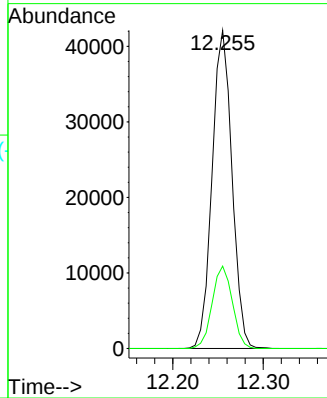
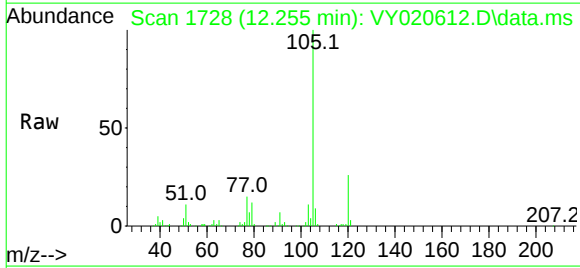
120 26.2 13.1 39.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/18/2024

Supervised By :Semsettin Yesilyurt 12/18/2024



#74

N-ethyl acetate

Concen: 5.574 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.000 min

Lab File: VY020612.D

Acq: 17 Dec 2024 09:38

Tgt Ion: 43 Resp: 14179

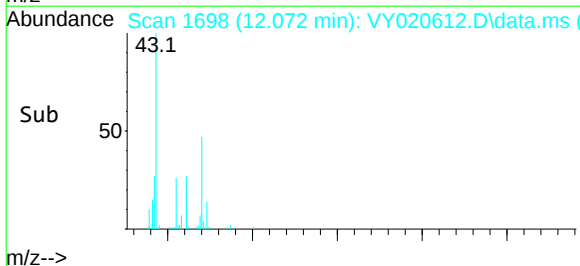
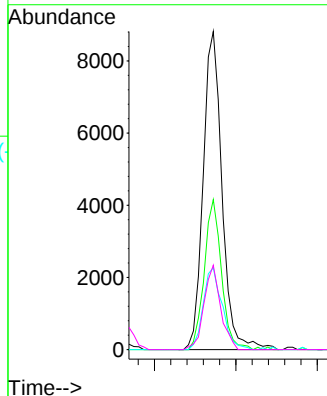
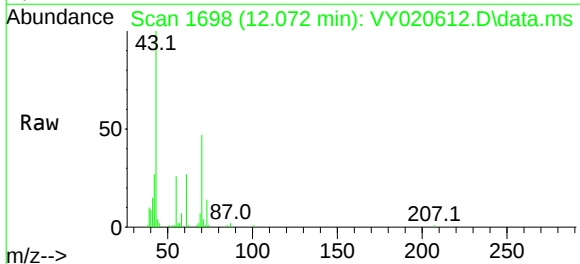
Ion Ratio Lower Upper

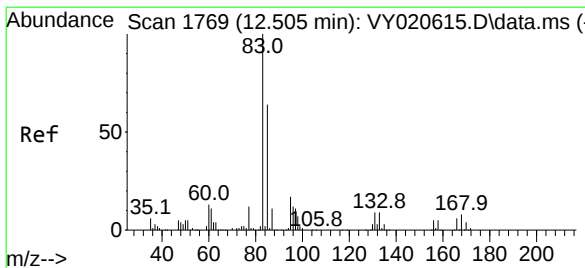
43 100

70 43.0 34.2 51.2

55 25.9 19.6 29.4

61 23.3 19.4 29.0





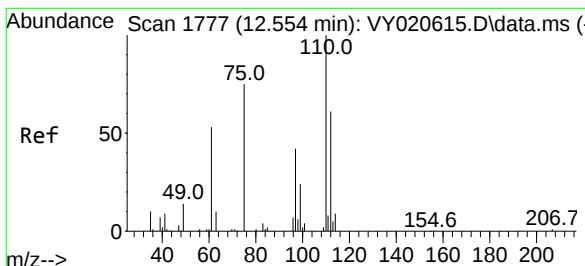
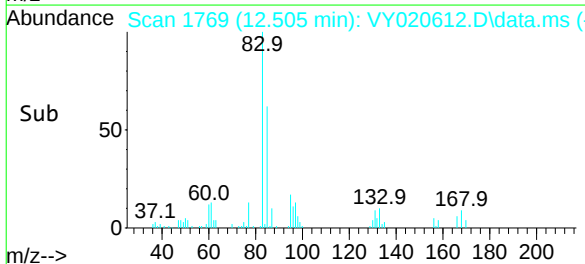
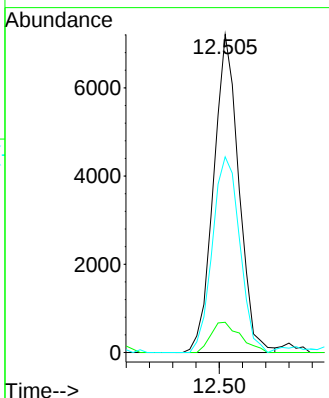
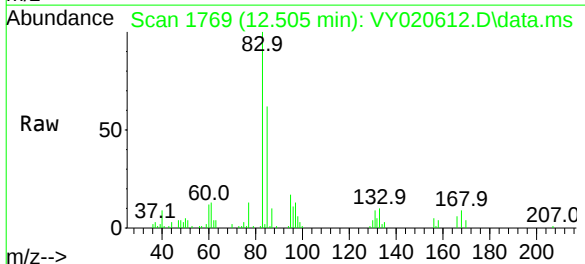
#75
1,1,2,2-Tetrachloroethane
Concen: 6.158 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. 0.000 min
Lab File: VY020612.D
Acq: 17 Dec 2024 09:38

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion	Ratio	Lower	Upper
83	100		
131	11.2	5.2	15.6
85	66.6	32.5	97.4

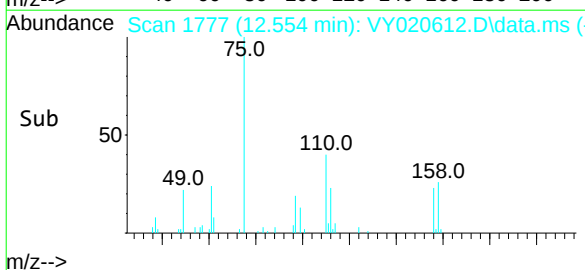
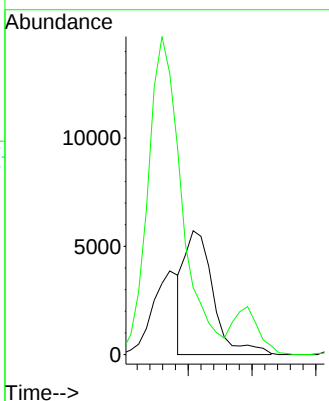
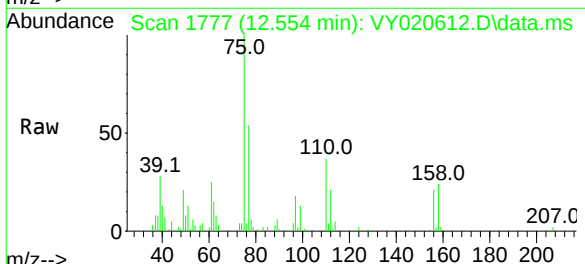
Manual Integrations
APPROVED

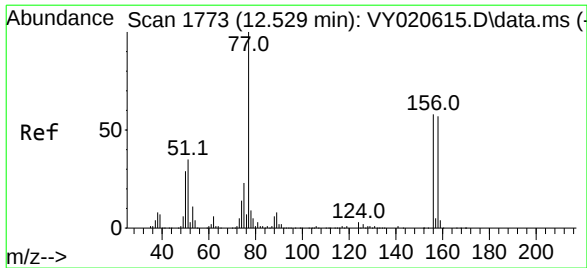
Reviewed By :Mahesh Dadoda 12/18/2024
Supervised By :Semsettin Yesilyurt 12/18/2024



#76
1,2,3-Trichloropropane
Concen: 4.097 ug/l m
RT: 12.554 min Scan# 1777
Delta R.T. 0.000 min
Lab File: VY020612.D
Acq: 17 Dec 2024 09:38

Tgt Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





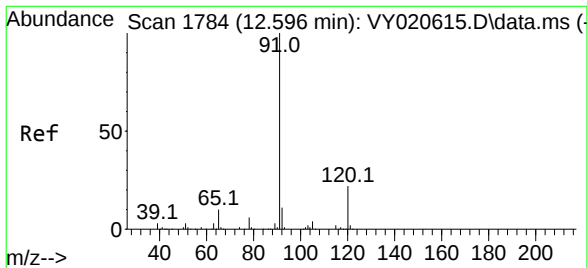
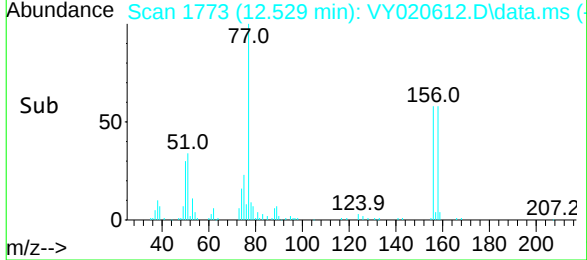
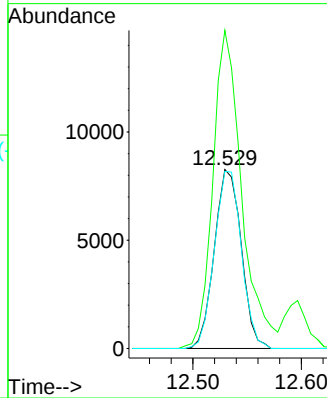
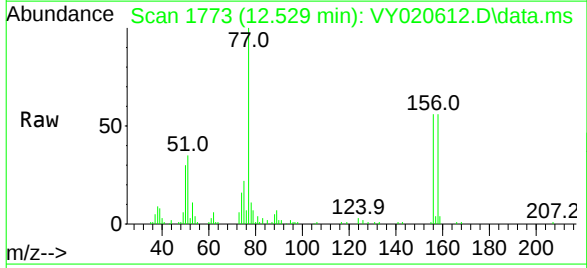
#77
Bromobenzene
Concen: 6.027 ug/l
RT: 12.529 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VY020612.D
Acq: 17 Dec 2024 09:38

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion: 156 Resp: 14272
Ion Ratio Lower Upper
156 100
77 190.3 94.2 282.4
158 99.6 48.9 146.6

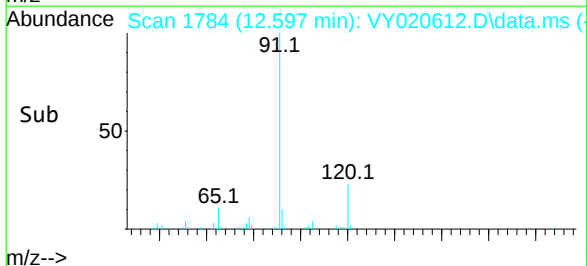
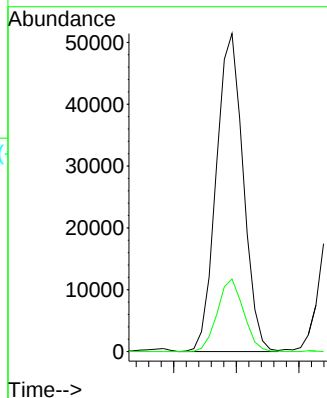
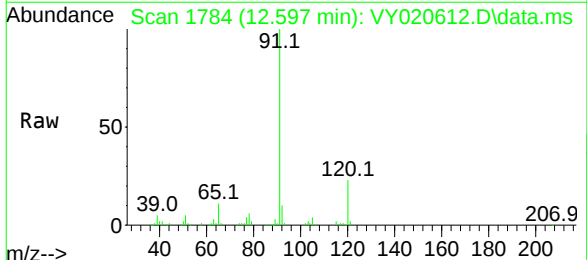
Manual Integrations
APPROVED

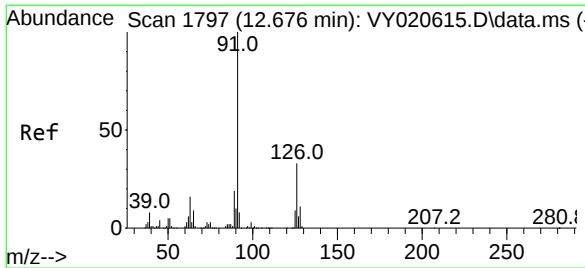
Reviewed By :Mahesh Dadoda 12/18/2024
Supervised By :Semsettin Yesilyurt 12/18/2024



#78
n-propylbenzene
Concen: 5.888 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VY020612.D
Acq: 17 Dec 2024 09:38

Tgt Ion: 91 Resp: 77118
Ion Ratio Lower Upper
91 100
120 22.1 11.1 33.1





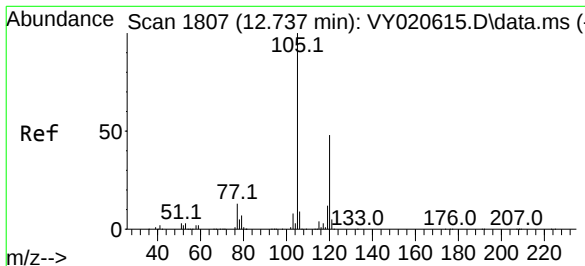
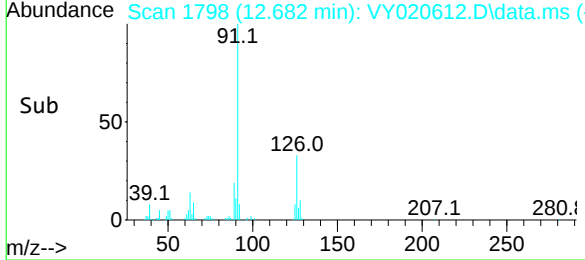
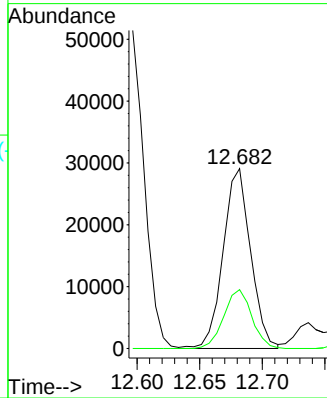
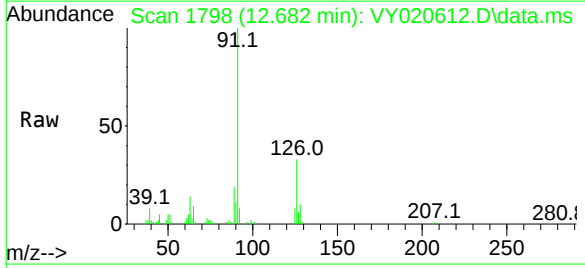
#79
2-Chlorotoluene
Concen: 6.028 ug/l
RT: 12.682 min Scan# 1798
Delta R.T. 0.006 min
Lab File: VY020612.D
Acq: 17 Dec 2024 09:38

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion: 91 Resp: 44418
Ion Ratio Lower Upper
91 100
126 33.3 16.6 49.7

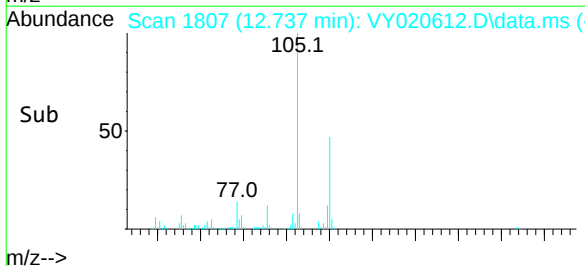
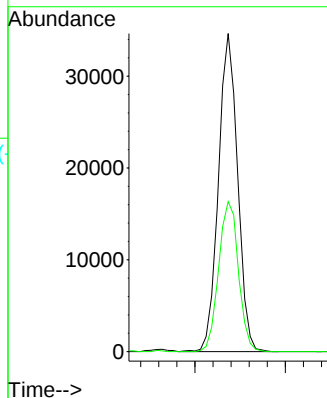
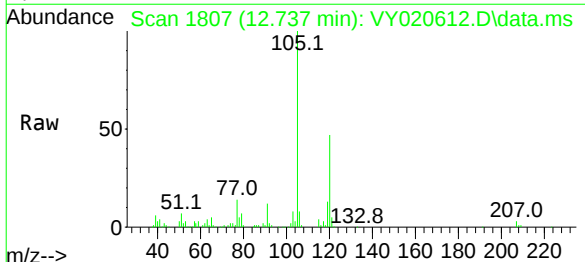
Manual Integrations
APPROVED

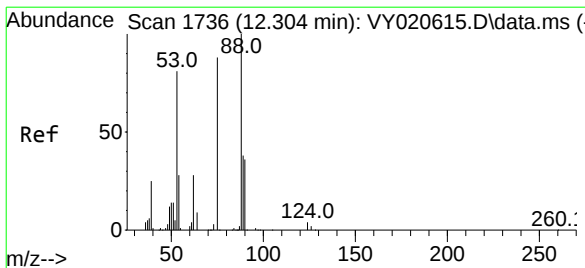
Reviewed By :Mahesh Dadoda 12/18/2024
Supervised By :Semsettin Yesilyurt 12/18/2024



#80
1,3,5-Trimethylbenzene
Concen: 5.786 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY020612.D
Acq: 17 Dec 2024 09:38

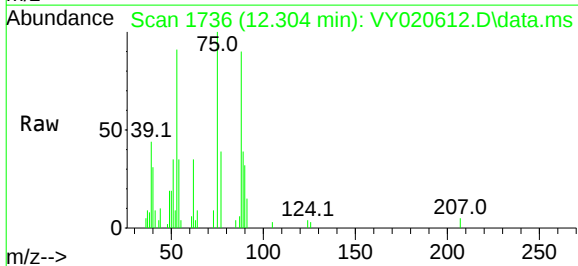
Tgt Ion:105 Resp: 51037
Ion Ratio Lower Upper
105 100
120 48.6 23.9 71.7





#81
trans-1,4-Dichloro-2-butene
Concen: 6.234 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY020612.D
Acq: 17 Dec 2024 09:38

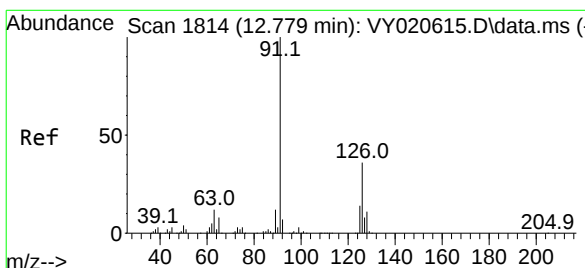
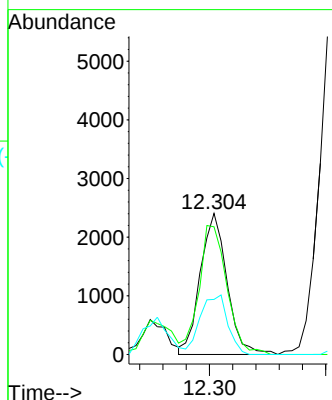
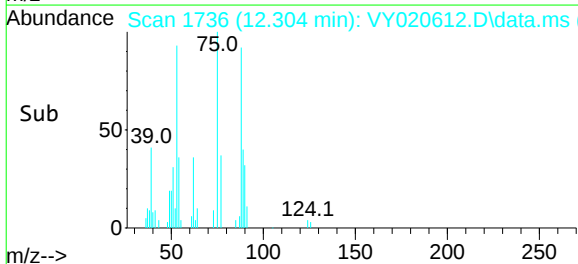
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



Tgt Ion: 75 Resp: 3843
Ion Ratio Lower Upper
75 100
53 95.7 75.4 113.2
89 42.9 37.0 55.4

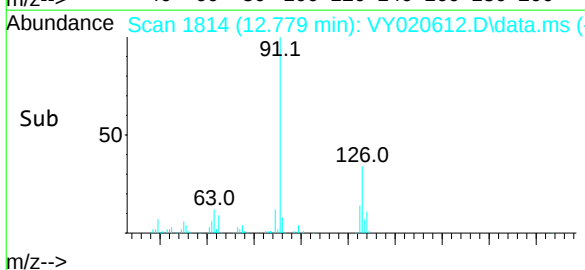
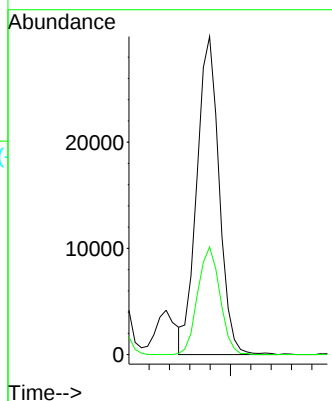
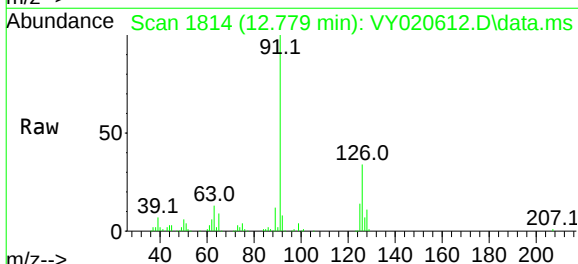
Manual Integrations
APPROVED

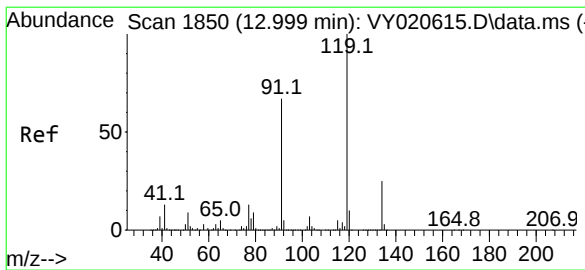
Reviewed By :Mahesh Dadoda 12/18/2024
Supervised By :Semsettin Yesilyurt 12/18/2024



#82
4-Chlorotoluene
Concen: 5.968 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY020612.D
Acq: 17 Dec 2024 09:38

Tgt Ion: 91 Resp: 45618
Ion Ratio Lower Upper
91 100
126 33.7 16.6 49.7





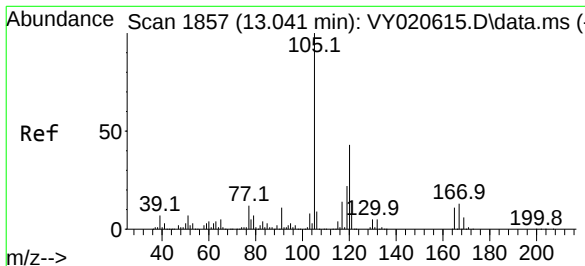
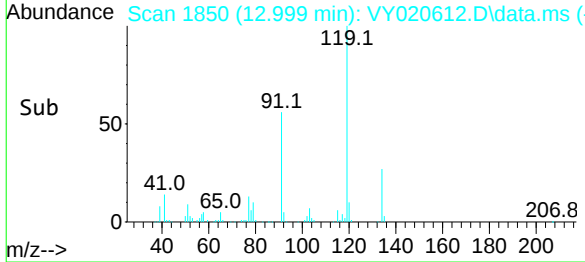
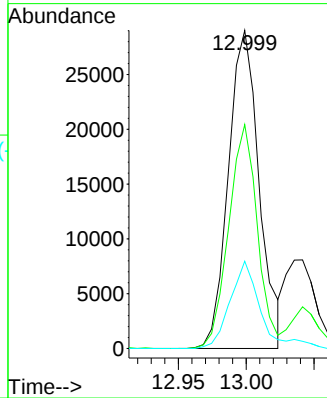
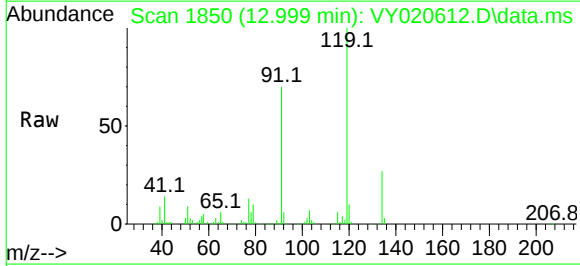
#83
tert-Butylbenzene
Concen: 5.736 ug/l
RT: 12.999 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VY020612.D
Acq: 17 Dec 2024 09:38

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion:	119	Resp:	45822
Ion Ratio	Lower	Upper	
119	100		
91	65.5	32.9	98.6
134	27.2	13.1	39.1

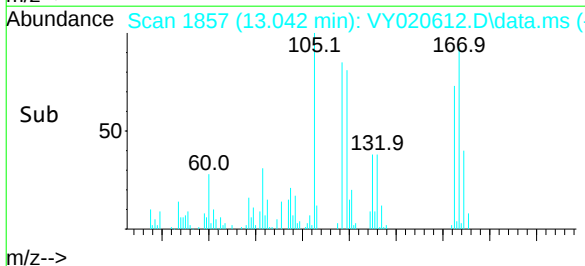
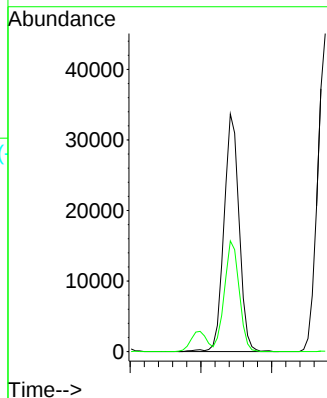
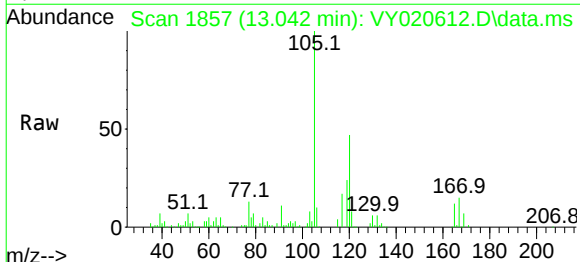
Manual Integrations
APPROVED

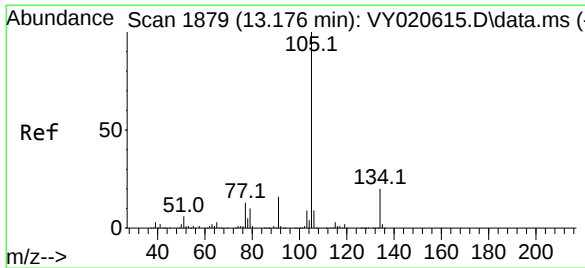
Reviewed By :Mahesh Dadoda 12/18/2024
Supervised By :Semsettin Yesilyurt 12/18/2024



#84
1,2,4-Trimethylbenzene
Concen: 5.778 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. 0.000 min
Lab File: VY020612.D
Acq: 17 Dec 2024 09:38

Tgt Ion:	105	Resp:	49988
Ion Ratio	Lower	Upper	
105	100		
120	45.5	21.8	65.4





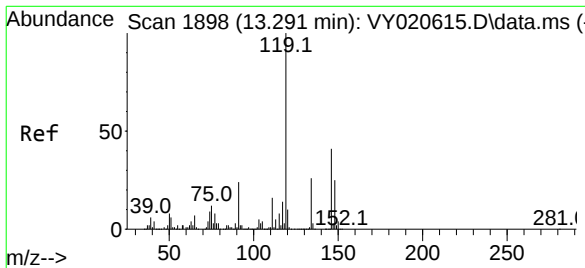
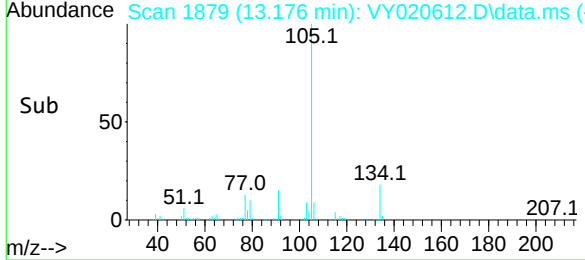
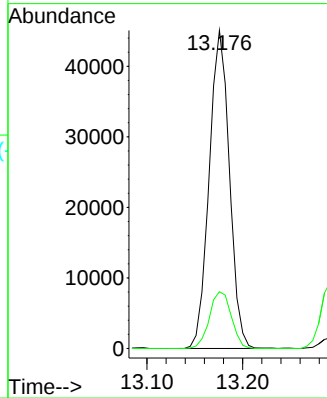
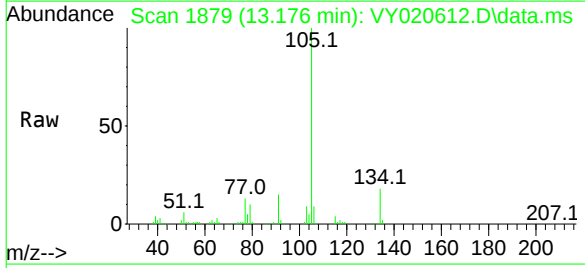
#85
sec-Butylbenzene
Concen: 5.705 ug/l
RT: 13.176 min Scan# 1879
Delta R.T. 0.000 min
Lab File: VY020612.D
Acq: 17 Dec 2024 09:38

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion:105 Resp: 66261
Ion Ratio Lower Upper
105 100
134 19.3 10.0 30.0

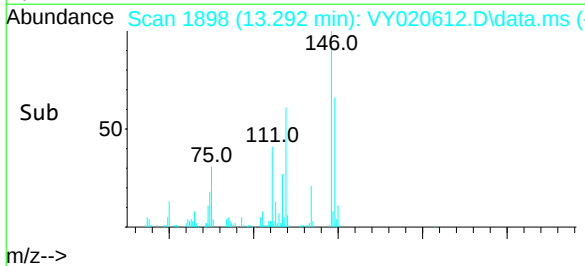
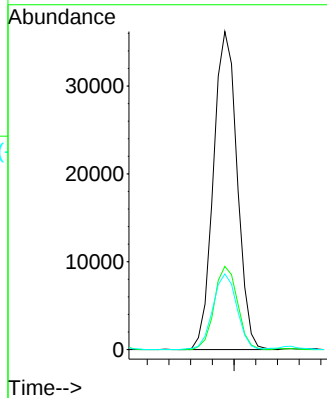
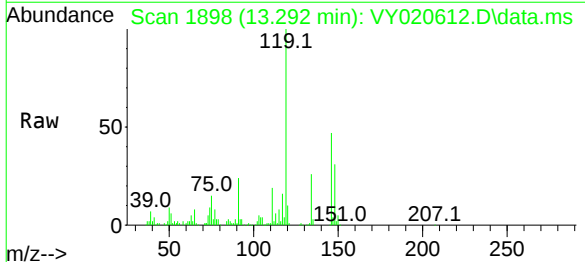
Manual Integrations
APPROVED

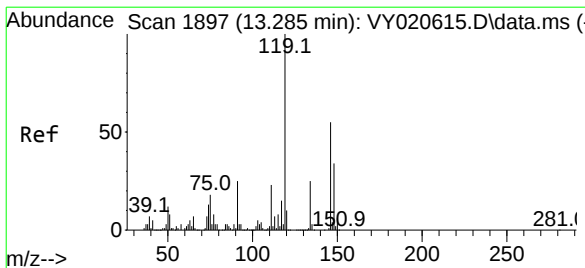
Reviewed By :Mahesh Dadoda 12/18/2024
Supervised By :Semsettin Yesilyurt 12/18/2024



#86
p-Isopropyltoluene
Concen: 5.752 ug/l
RT: 13.292 min Scan# 1898
Delta R.T. 0.000 min
Lab File: VY020612.D
Acq: 17 Dec 2024 09:38

Tgt Ion:119 Resp: 55077
Ion Ratio Lower Upper
119 100
134 25.5 12.9 38.6
91 24.1 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 5.969 ug/l

RT: 13.285 min Scan# 1897

Delta R.T. 0.000 min

Lab File: VY020612.D

Acq: 17 Dec 2024 09:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

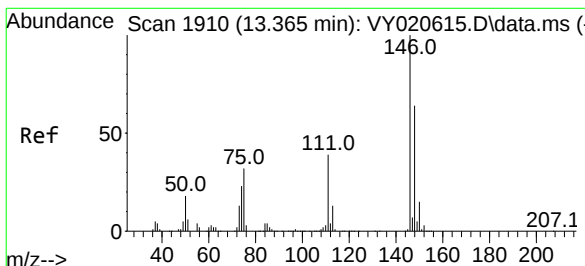
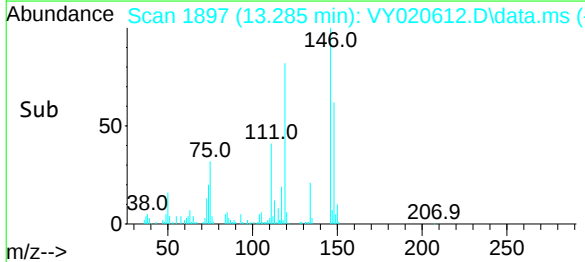
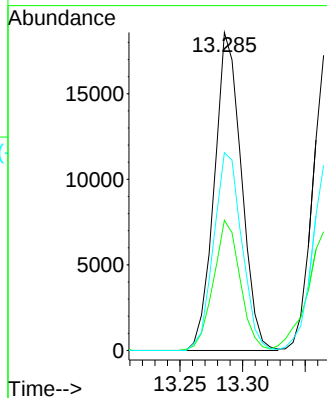
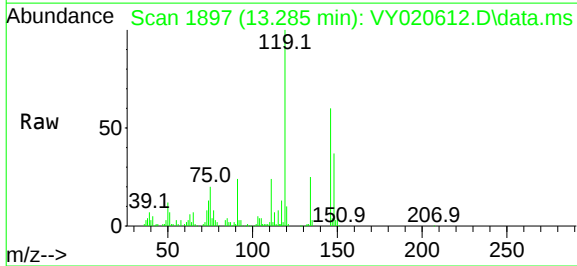
Tgt Ion:	146	Resp:	27898
Ion	Ratio	Lower	Upper
146	100		
111	40.6	20.6	61.8
148	64.8	31.4	94.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/18/2024

Supervised By :Semsettin Yesilyurt 12/18/2024



#88

1,4-Dichlorobenzene

Concen: 5.928 ug/l

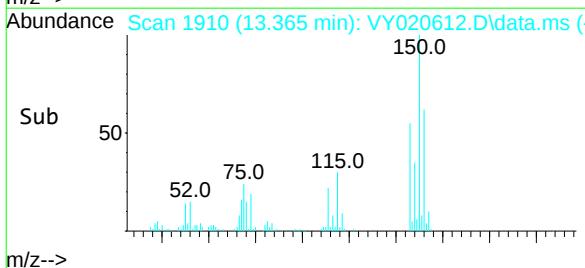
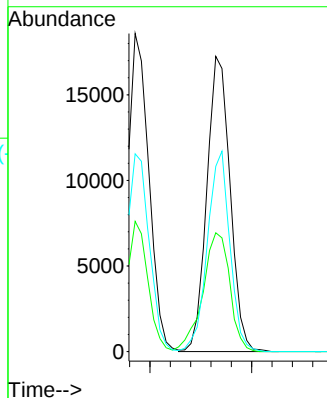
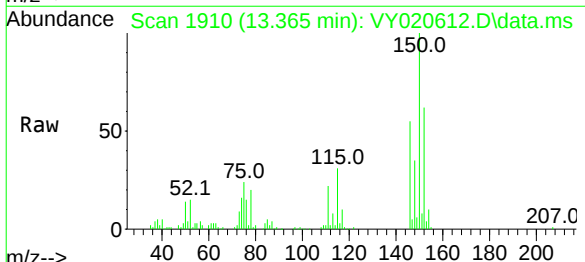
RT: 13.365 min Scan# 1910

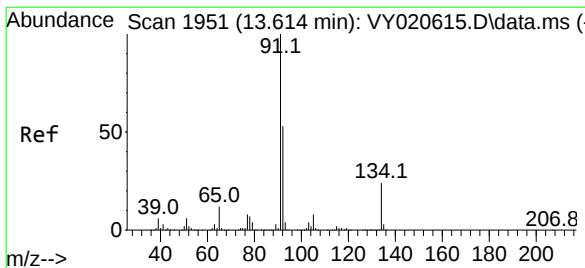
Delta R.T. 0.000 min

Lab File: VY020612.D

Acq: 17 Dec 2024 09:38

Tgt Ion:	146	Resp:	27443
Ion	Ratio	Lower	Upper
146	100		
111	46.7	19.6	58.7
148	65.6	31.9	95.5





#89

n-Butylbenzene

Concen: 5.552 ug/l

RT: 13.621 min Scan# 1952

Delta R.T. 0.006 min

Lab File: VY020612.D

Acq: 17 Dec 2024 09:38

Instrument :

MSVOA_Y

ClientSampleId :

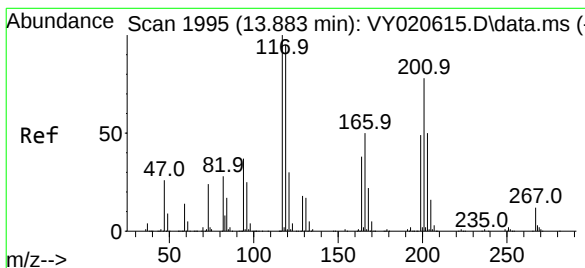
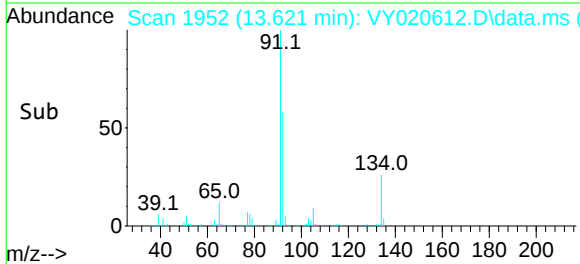
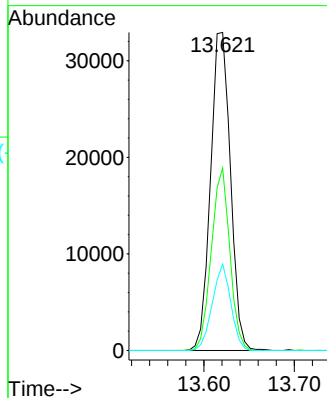
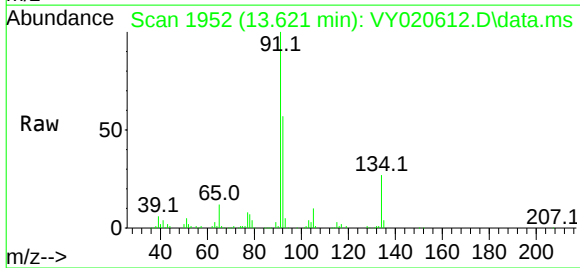
VSTDICC005

Tgt Ion:	91	Resp:	50386
Ion	Ratio	Lower	Upper
91	100		
92	53.1	26.8	80.4
134	25.2	12.5	37.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/18/2024
Supervised By :Semsettin Yesilyurt 12/18/2024



#90

Hexachloroethane

Concen: 6.016 ug/l

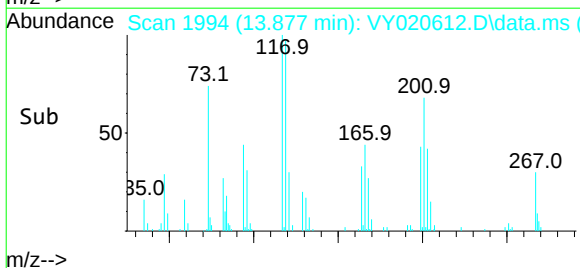
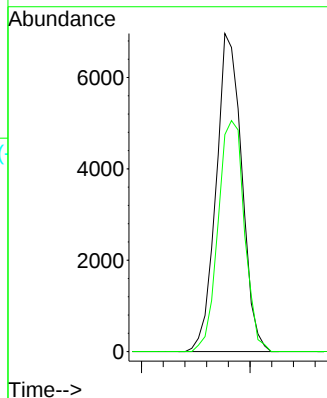
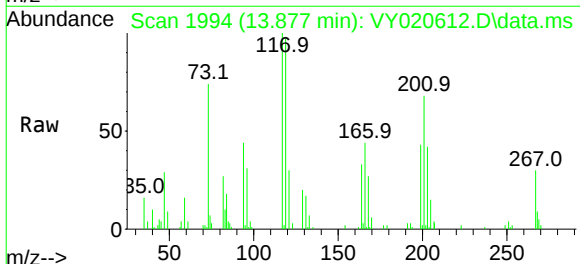
RT: 13.877 min Scan# 1994

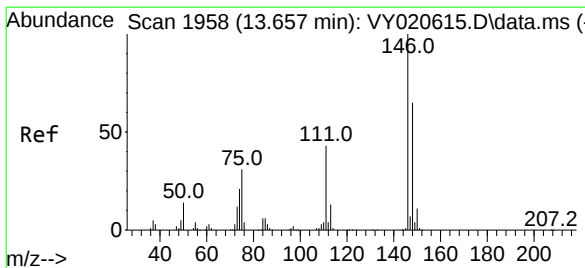
Delta R.T. -0.006 min

Lab File: VY020612.D

Acq: 17 Dec 2024 09:38

Tgt Ion:	117	Resp:	11416
Ion	Ratio	Lower	Upper
117	100		
201	74.6	39.1	117.3





#91

1,2-Dichlorobenzene

Concen: 6.111 ug/l

RT: 13.657 min Scan# 1958

Delta R.T. 0.000 min

Lab File: VY020612.D

Acq: 17 Dec 2024 09:38

Instrument :

MSVOA_Y

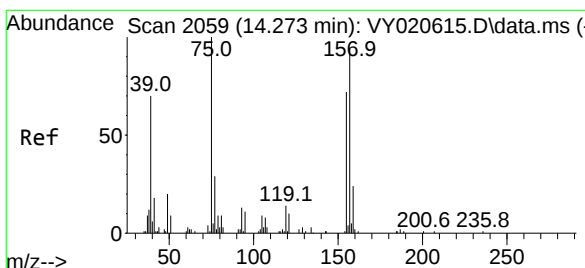
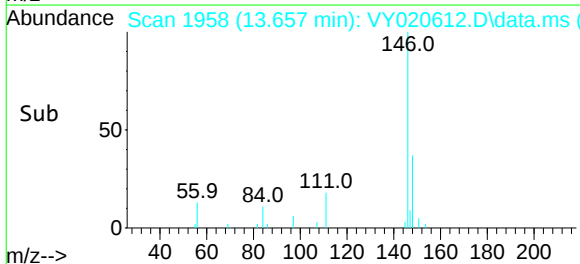
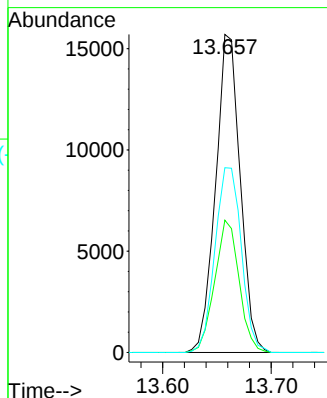
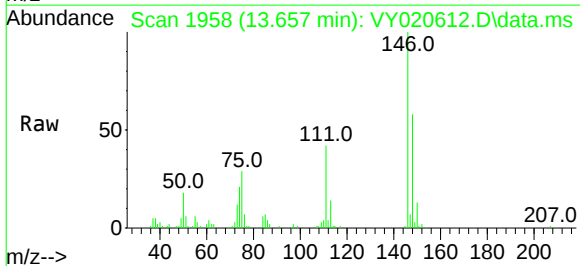
ClientSampleId :

VSTDICC005

Tgt Ion:	146	Resp:	24747
Ion Ratio	Lower	Upper	
146	100		
111	41.3	21.3	63.7
148	62.3	32.0	96.0

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 12/18/2024
Supervised By :Semsettin Yesilyurt 12/18/2024



#92

1,2-Dibromo-3-Chloropropane

Concen: 5.777 ug/l

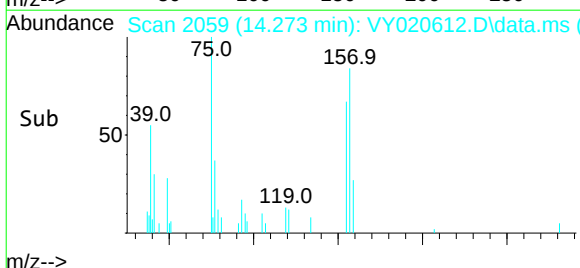
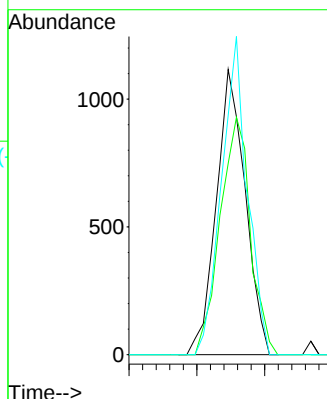
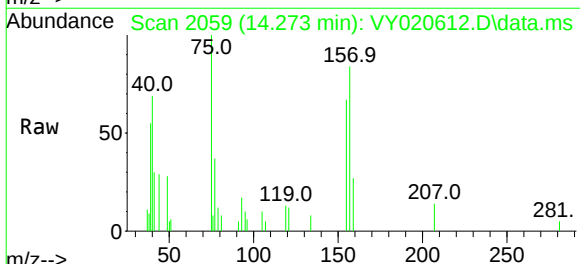
RT: 14.273 min Scan# 2059

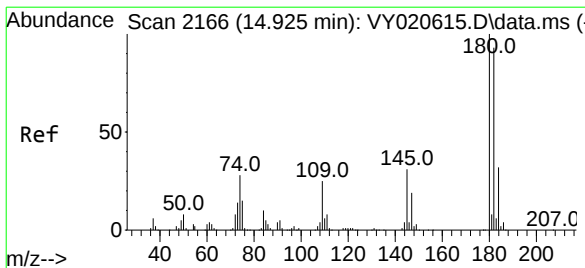
Delta R.T. 0.000 min

Lab File: VY020612.D

Acq: 17 Dec 2024 09:38

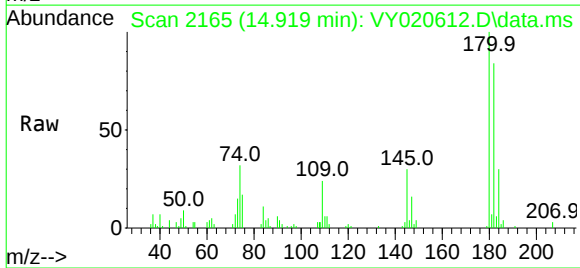
Tgt Ion:	75	Resp:	1655
Ion Ratio	Lower	Upper	
75	100		
155	87.1	41.1	123.3
157	99.5	52.9	158.8





#93
1,2,4-Trichlorobenzene
Concen: 5.254 ug/l
RT: 14.919 min Scan# 2166
Delta R.T. -0.006 min
Lab File: VY020612.D
Acq: 17 Dec 2024 09:38

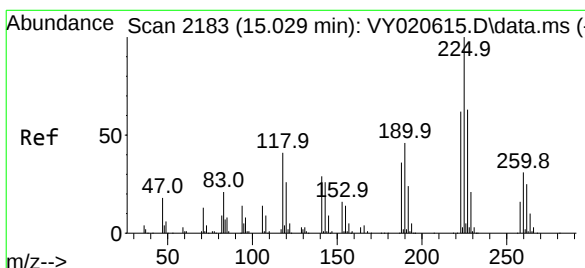
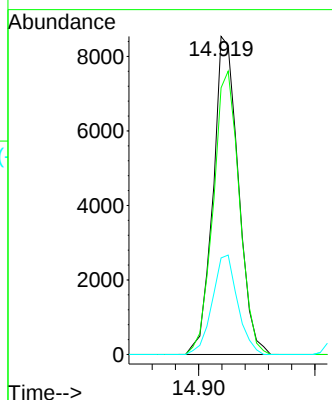
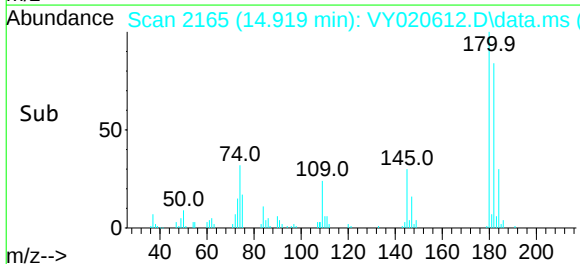
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



Tgt Ion	Ratio	Lower	Upper
180	100		
182	91.9	47.9	143.6
145	31.4	15.6	46.7

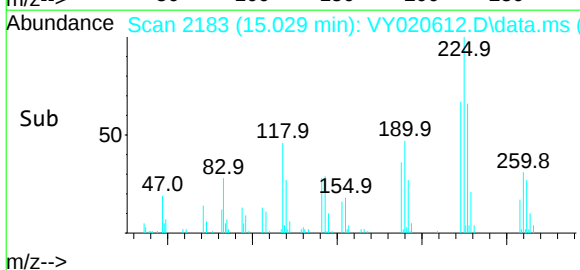
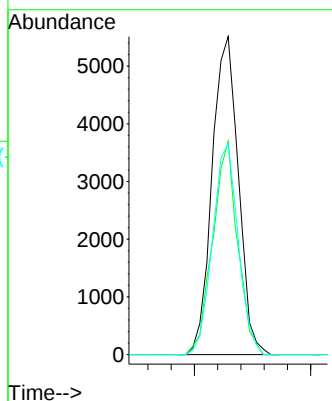
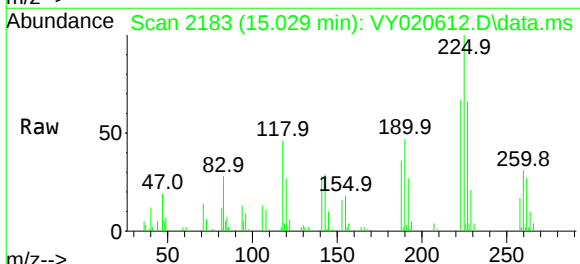
Manual Integrations
APPROVED

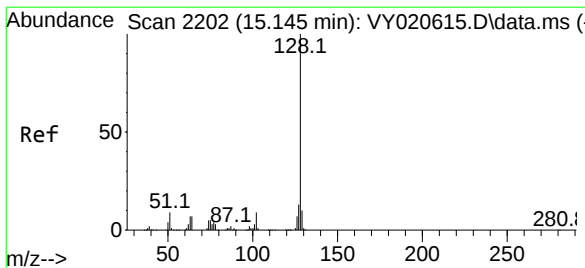
Reviewed By :Mahesh Dadoda 12/18/2024
Supervised By :Semsettin Yesilyurt 12/18/2024



#94
Hexachlorobutadiene
Concen: 5.405 ug/l
RT: 15.029 min Scan# 2183
Delta R.T. 0.000 min
Lab File: VY020612.D
Acq: 17 Dec 2024 09:38

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.6	31.8	95.3
227	64.7	32.2	96.6





#95

Naphthalene

Concen: 4.821 ug/l

RT: 15.145 min Scan# 2202

Delta R.T. 0.000 min

Lab File: VY020612.D

Acq: 17 Dec 2024 09:38

Instrument :

MSVOA_Y

ClientSampleId :

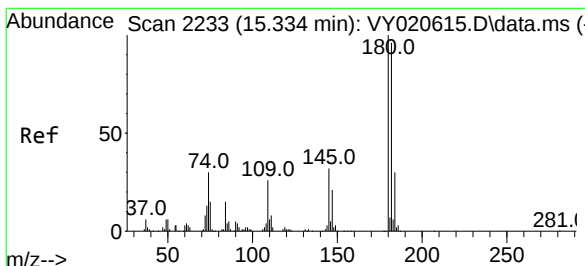
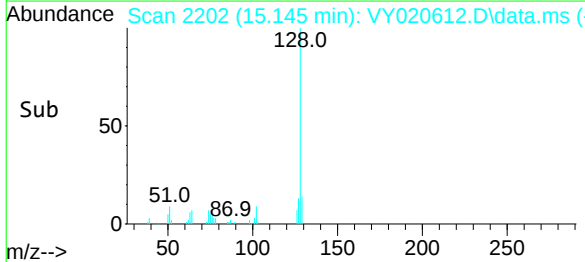
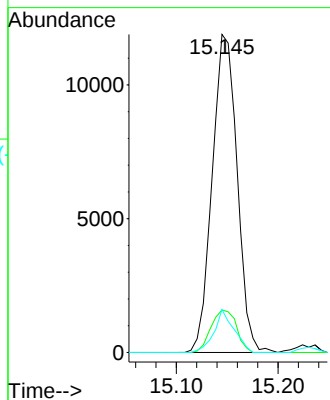
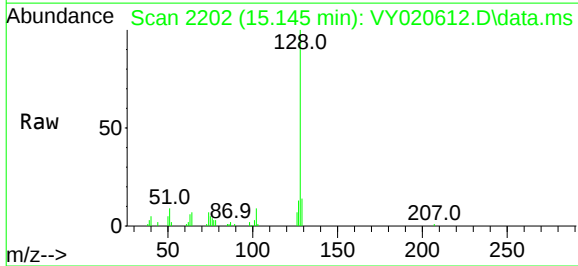
VSTDIC005

Tgt	Ion:128	Resp:	20245
Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.7	16.1
129	10.8	8.5	12.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/18/2024
Supervised By :Semsettin Yesilyurt 12/18/2024



#96

1,2,3-Trichlorobenzene

Concen: 5.293 ug/l

RT: 15.334 min Scan# 2233

Delta R.T. 0.000 min

Lab File: VY020612.D

Acq: 17 Dec 2024 09:38

Tgt	Ion:180	Resp:	10956
Ion	Ratio	Lower	Upper
180	100		
182	92.4	47.3	141.9
145	31.8	16.0	48.0

