

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031824\
 Data File : VY017687.D
 Acq On : 18 Mar 2024 14:21
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 03/19/2024
 Supervised By :Semsettin Yesilyurt 03/19/2024

Quant Time: Mar 19 04:07:16 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 24 04:41:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	165845	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	257263	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	224493	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	107738	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	67609	43.015	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	86.020%		
35) Dibromofluoromethane	7.722	113	80146	44.707	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	89.420%		
50) Toluene-d8	10.185	98	298931	47.692	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	95.380%		
62) 4-Bromofluorobenzene	12.489	95	94522	47.985	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	95.960%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	57453	46.963	ug/l	100
3) Chloromethane	2.113	50	104210	46.621	ug/l	98
4) Vinyl Chloride	2.253	62	139341	48.591	ug/l	98
5) Bromomethane	2.656	94	111761	47.825	ug/l	98
6) Chloroethane	2.796	64	91087	50.352	ug/l	98
7) Trichlorofluoromethane	3.125	101	135737	46.443	ug/l	96
8) Diethyl Ether	3.534	74	42580	49.673	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.899	101	83662	49.767	ug/l	100
10) Methyl Iodide	4.095	142	103971	55.110	ug/l	99
11) Tert butyl alcohol	4.960	59	35847	268.494	ug/l #	81
12) 1,1-Dichloroethene	3.875	96	79916	51.010	ug/l	97
13) Acrolein	3.735	56	38852	220.544	ug/l	99
14) Allyl chloride	4.485	41	96577	51.018	ug/l	96
15) Acrylonitrile	5.168	53	86156	244.497	ug/l	100
16) Acetone	3.948	43	78368	257.063	ug/l	99
17) Carbon Disulfide	4.198	76	244020	51.892	ug/l	98
18) Methyl Acetate	4.479	43	38100	51.514	ug/l	100
19) Methyl tert-butyl Ether	5.228	73	184905	50.637	ug/l	98
20) Methylene Chloride	4.716	84	91911	51.477	ug/l	97
21) trans-1,2-Dichloroethene	5.228	96	93313	50.870	ug/l	99
22) Diisopropyl ether	6.125	45	223077	51.068	ug/l	97
23) Vinyl Acetate	6.064	43	667451	256.414	ug/l	99
24) 1,1-Dichloroethane	6.021	63	149439	50.074	ug/l	99
25) 2-Butanone	6.990	43	107994	248.569	ug/l	97
26) 2,2-Dichloropropane	6.984	77	129817	51.738	ug/l	97
27) cis-1,2-Dichloroethene	6.990	96	104617	50.795	ug/l	99
28) Bromochloromethane	7.338	49	59401	50.540	ug/l	94
29) Tetrahydrofuran	7.356	42	64903	247.819	ug/l	98
30) Chloroform	7.509	83	159355	50.154	ug/l	100
31) Cyclohexane	7.789	56	130203	50.902	ug/l	97
32) 1,1,1-Trichloroethane	7.710	97	139840	50.694	ug/l	98
36) 1,1-Dichloropropene	7.923	75	123582	51.094	ug/l	99
37) Ethyl Acetate	7.076	43	46156	48.315	ug/l #	97
38) Carbon Tetrachloride	7.905	117	126206	52.063	ug/l	99
39) Methylcyclohexane	9.191	83	157758	54.272	ug/l	99
40) Benzene	8.167	78	364653	50.766	ug/l	100

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	23254m	48.508	ug/l	
42) 1,2-Dichloroethane	8.240	62	87334	49.833	ug/l	99
43) Isopropyl Acetate	8.277	43	83817	49.929	ug/l	98
44) Trichloroethene	8.947	130	103305	49.897	ug/l	98
45) 1,2-Dichloropropane	9.222	63	85111	49.803	ug/l	97
46) Dibromomethane	9.313	93	48875	49.973	ug/l	96
47) Bromodichloromethane	9.502	83	119427	50.291	ug/l	99
48) Methyl methacrylate	9.301	41	39507	50.843	ug/l	97
49) 1,4-Dioxane	9.307	88	10840	979.354	ug/l #	96
51) 4-Methyl-2-Pentanone	10.075	43	234070	250.181	ug/l	98
52) Toluene	10.252	92	233433	51.551	ug/l	100
53) t-1,3-Dichloropropene	10.471	75	113023	51.277	ug/l	95
54) cis-1,3-Dichloropropene	9.935	75	138120	51.571	ug/l	97
55) 1,1,2-Trichloroethane	10.648	97	68328	49.206	ug/l	98
56) Ethyl methacrylate	10.514	69	81162	47.636	ug/l	99
57) 1,3-Dichloropropane	10.795	76	112534	49.844	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.789	63	202229	252.375	ug/l	99
59) 2-Hexanone	10.837	43	167419	260.515	ug/l	98
60) Dibromochloromethane	10.990	129	83239	50.671	ug/l	99
61) 1,2-Dibromoethane	11.093	107	64621	50.498	ug/l	100
64) Tetrachloroethene	10.727	164	103655	48.106	ug/l	99
65) Chlorobenzene	11.520	112	245083	51.434	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.599	131	92344	51.729	ug/l	98
67) Ethyl Benzene	11.599	91	444250	53.161	ug/l	98
68) m/p-Xylenes	11.709	106	354033	107.816	ug/l	98
69) o-Xylene	12.038	106	164797	54.096	ug/l	98
70) Styrene	12.050	104	272542	53.897	ug/l	98
71) Bromoform	12.215	173	51879	52.444	ug/l #	99
73) Isopropylbenzene	12.337	105	432041	53.977	ug/l	100
74) N-amyl acetate	12.148	43	73624	52.152	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.587	83	73647	53.581	ug/l	100
76) 1,2,3-Trichloropropane	12.642	75	54348m	53.091	ug/l	
77) Bromobenzene	12.617	156	99243	51.199	ug/l	97
78) n-propylbenzene	12.678	91	522467	54.399	ug/l	99
79) 2-Chlorotoluene	12.764	91	279957	52.064	ug/l	99
80) 1,3,5-Trimethylbenzene	12.819	105	348942	54.414	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.386	75	23804	53.431	ug/l	96
82) 4-Chlorotoluene	12.861	91	289634	52.662	ug/l	97
83) tert-Butylbenzene	13.081	119	304639	54.099	ug/l	98
84) 1,2,4-Trimethylbenzene	13.130	105	343010	54.180	ug/l	100
85) sec-Butylbenzene	13.258	105	469282	54.508	ug/l	100
86) p-Isopropyltoluene	13.373	119	389365	55.247	ug/l	99
87) 1,3-Dichlorobenzene	13.373	146	199614	51.305	ug/l	99
88) 1,4-Dichlorobenzene	13.453	146	195182	51.600	ug/l	98
89) n-Butylbenzene	13.703	91	354182	55.082	ug/l	99
90) Hexachloroethane	13.965	117	73463	51.993	ug/l	96
91) 1,2-Dichlorobenzene	13.745	146	171676	52.165	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.361	75	9413	48.714	ug/l	97
93) 1,2,4-Trichlorobenzene	15.013	180	92502	53.213	ug/l	98
94) Hexachlorobutadiene	15.117	225	55711	51.909	ug/l	99
95) Naphthalene	15.245	128	157547	47.026	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	78078	52.357	ug/l	99

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VSTDCCC050

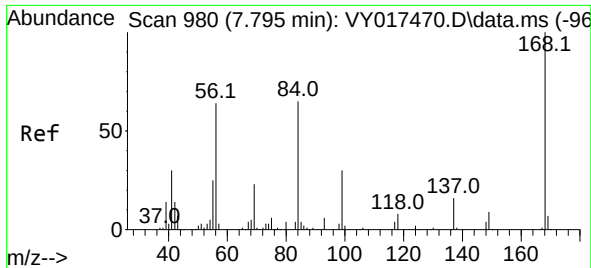
Manual Integrations
APPROVED

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Supervised By :Semsettin Yesilyurt 03/19/2024

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Quant Title : SW846 8260
QLast Update : Sat Feb 24 04:41:20 2024
Response via : Initial Calibration

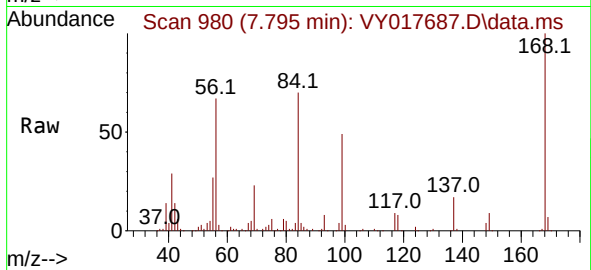
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
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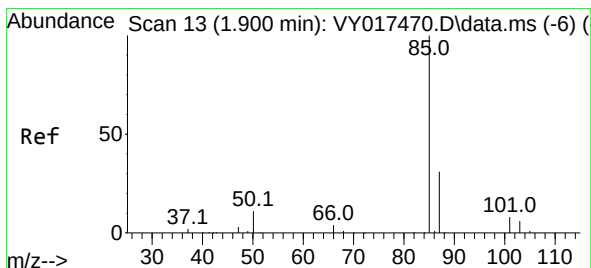
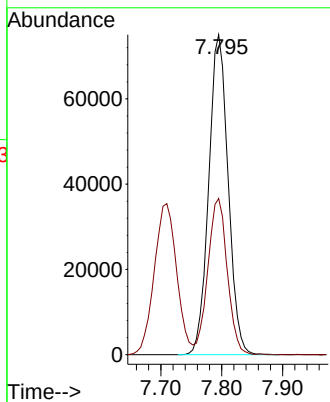
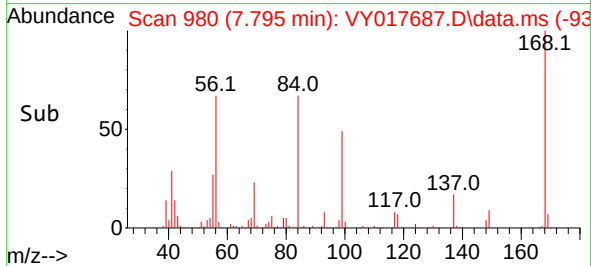
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 16584
Ion Ratio Lower Upper
168 100
99 48.8 39.1 58.7

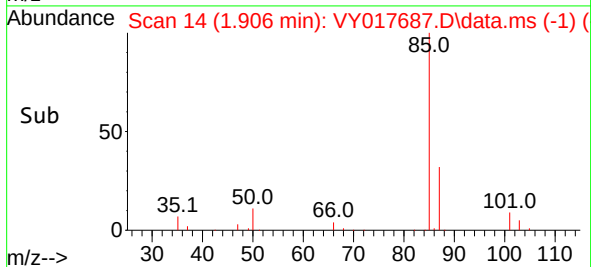
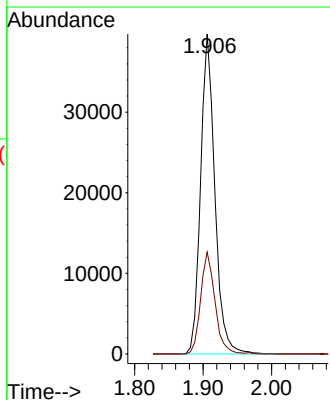
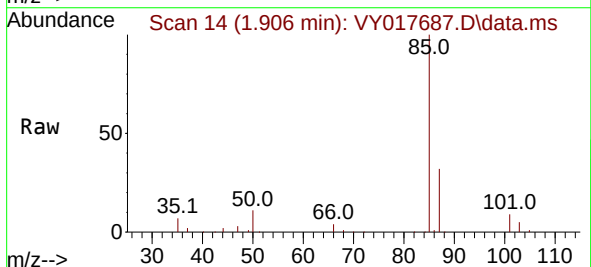
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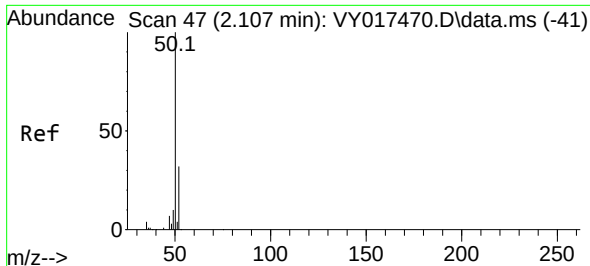
Reviewed By :Mahesh Dadoda 03/19/2024
Supervised By :Semsettin Yesilyurt 03/19/2024



#2
Dichlorodifluoromethane
Concen: 46.963 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY017687.D
Acq: 18 Mar 2024 14:21

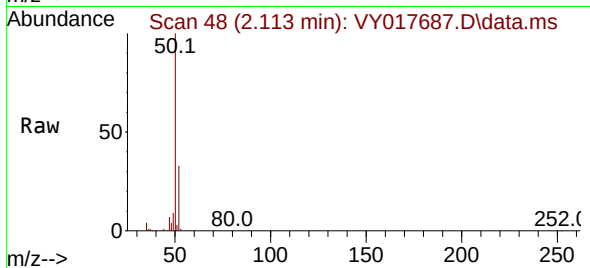
Tgt Ion: 85 Resp: 57453
Ion Ratio Lower Upper
85 100
87 31.9 16.0 48.0





#3
Chloromethane
Concen: 46.621 ug/l
RT: 2.113 min Scan# 48
Delta R.T. 0.006 min
Lab File: VY017687.D
Acq: 18 Mar 2024 14:21

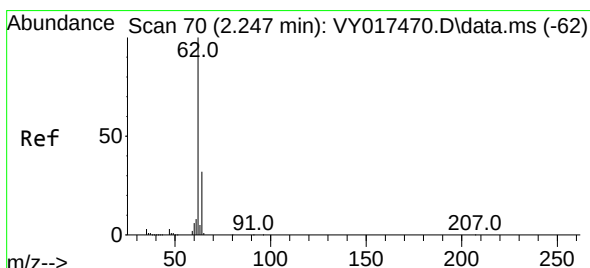
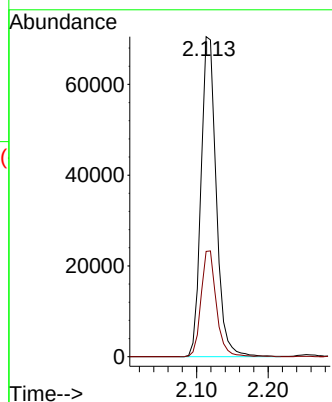
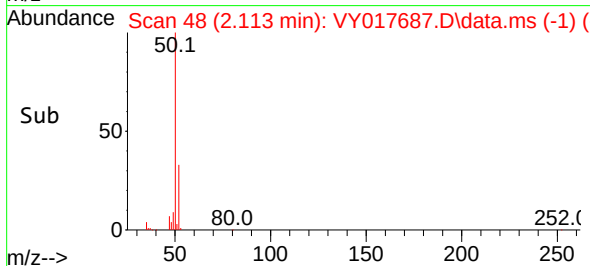
Instrument :
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VSTDCCC050



Tgt Ion: 50 Resp: 104210
Ion Ratio Lower Upper
50 100
52 32.9 25.6 38.4

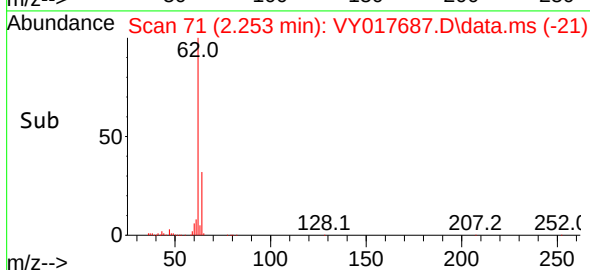
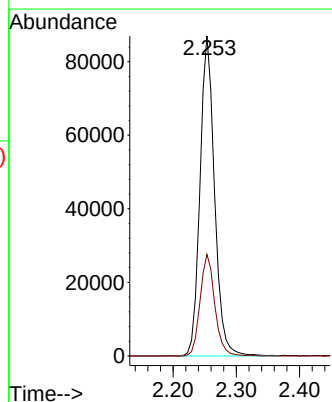
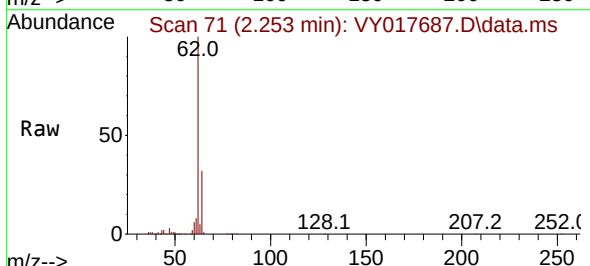
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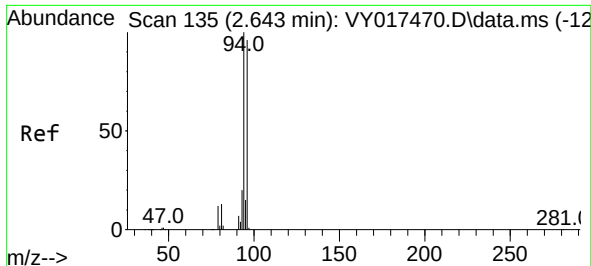
Reviewed By :Mahesh Dadoda 03/19/2024
Supervised By :Semsettin Yesilyurt 03/19/2024



#4
Vinyl Chloride
Concen: 48.591 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.006 min
Lab File: VY017687.D
Acq: 18 Mar 2024 14:21

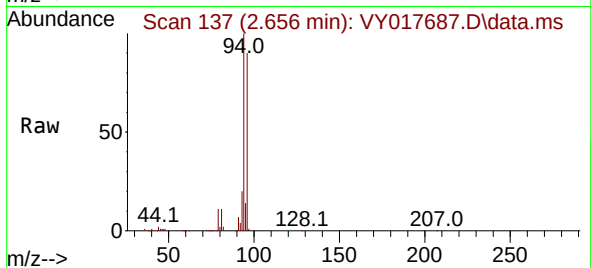
Tgt Ion: 62 Resp: 139341
Ion Ratio Lower Upper
62 100
64 31.7 26.1 39.1





#5
Bromomethane
Concen: 47.825 ug/l
RT: 2.656 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY017687.D
Acq: 18 Mar 2024 14:21

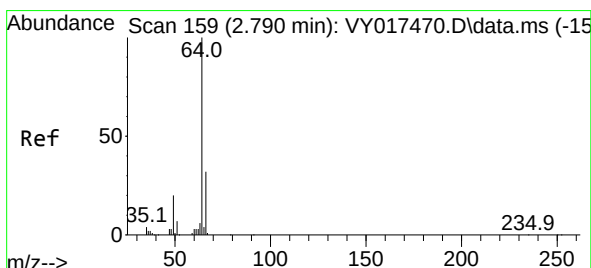
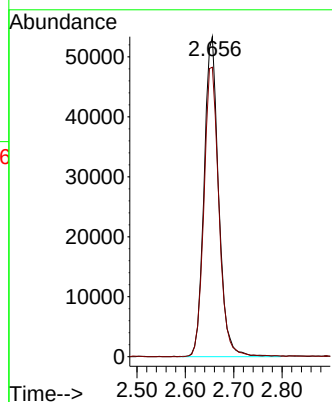
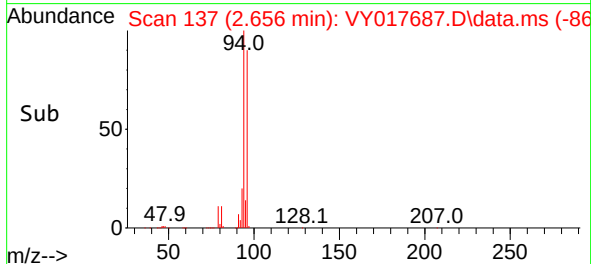
Instrument :
MSVOA_Y
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Tgt Ion: 94 Resp: 11176
Ion Ratio Lower Upper
94 100
96 90.3 74.1 111.1

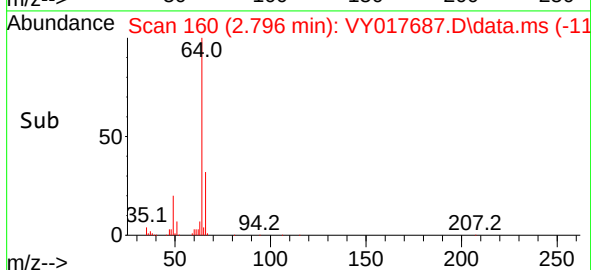
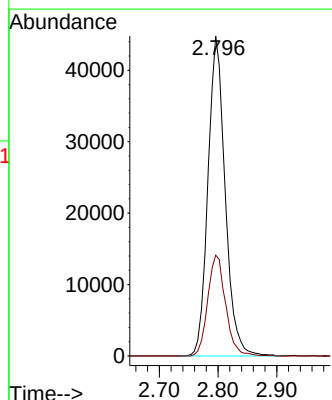
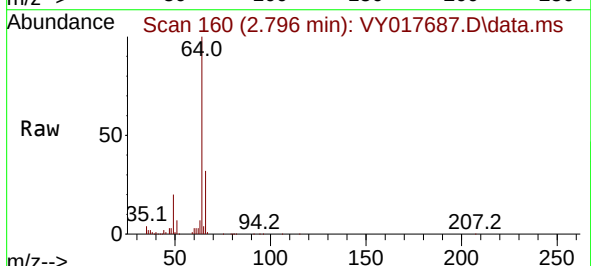
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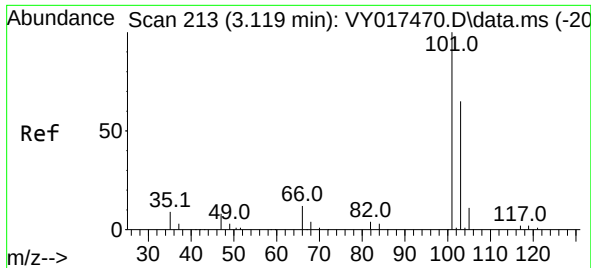
Reviewed By :Mahesh Dadoda 03/19/2024
Supervised By :Semsettin Yesilyurt 03/19/2024



#6
Chloroethane
Concen: 50.352 ug/l
RT: 2.796 min Scan# 160
Delta R.T. 0.006 min
Lab File: VY017687.D
Acq: 18 Mar 2024 14:21

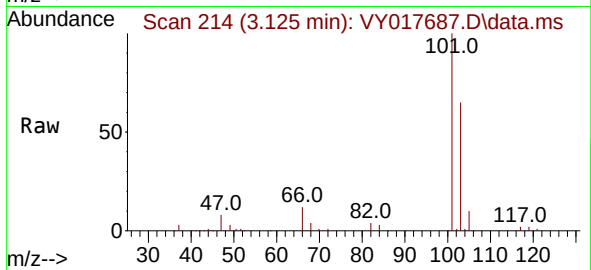
Tgt Ion: 64 Resp: 91087
Ion Ratio Lower Upper
64 100
66 31.5 26.1 39.1





#7
Trichlorofluoromethane
Concen: 46.443 ug/l
RT: 3.125 min Scan# 213
Delta R.T. 0.006 min
Lab File: VY017687.D
Acq: 18 Mar 2024 14:21

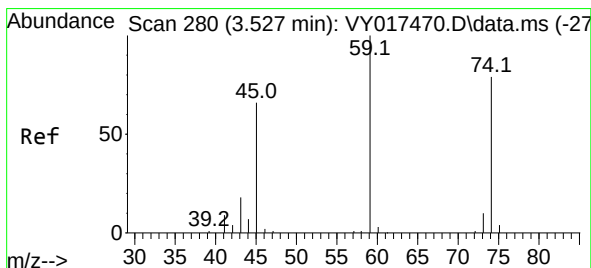
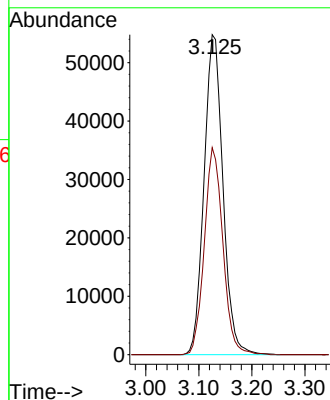
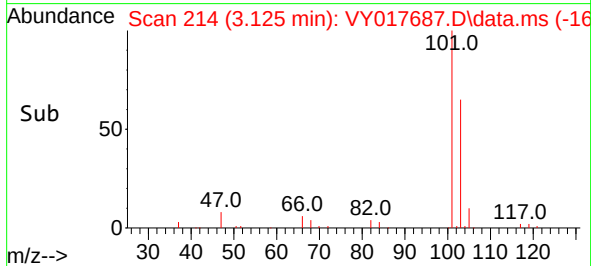
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion:101 Resp: 13573
Ion Ratio Lower Upper
101 100
103 64.7 49.3 73.9

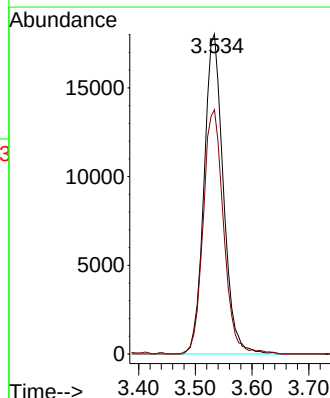
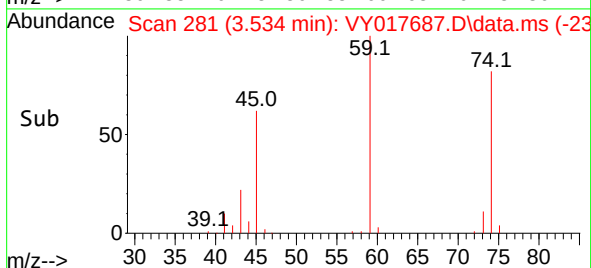
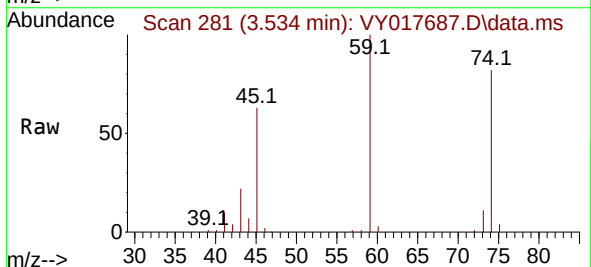
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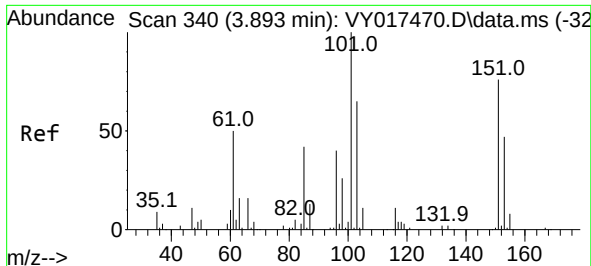
Reviewed By :Mahesh Dadoda 03/19/2024
Supervised By :Semsettin Yesilyurt 03/19/2024



#8
Diethyl Ether
Concen: 49.673 ug/l
RT: 3.534 min Scan# 281
Delta R.T. 0.006 min
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Tgt Ion: 74 Resp: 42580
Ion Ratio Lower Upper
74 100
45 80.9 41.3 124.1





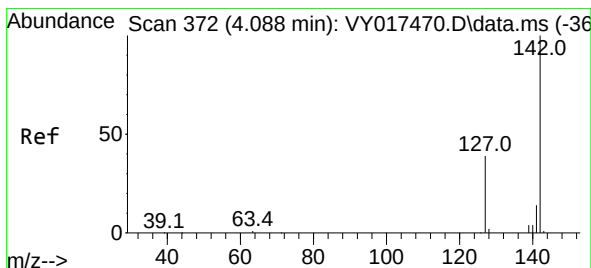
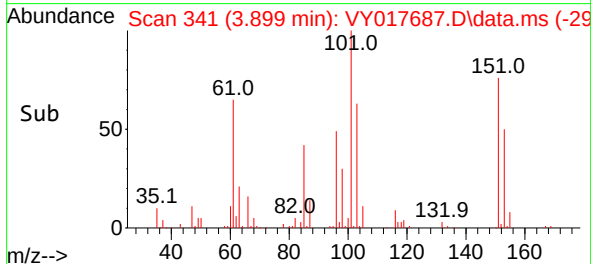
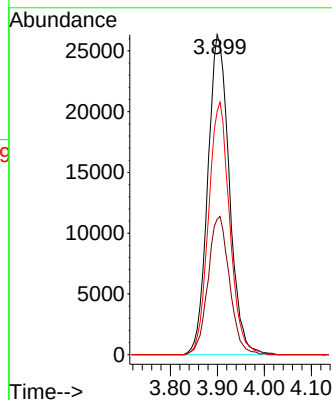
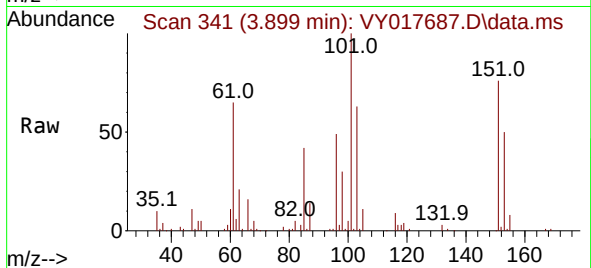
#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.767 ug/l
RT: 3.899 min Scan# 340
Delta R.T. 0.006 min
Lab File: VY017687.D
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MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 83662
Ion Ratio Lower Upper
101 100
85 43.3 34.5 51.7
151 77.6 61.7 92.5

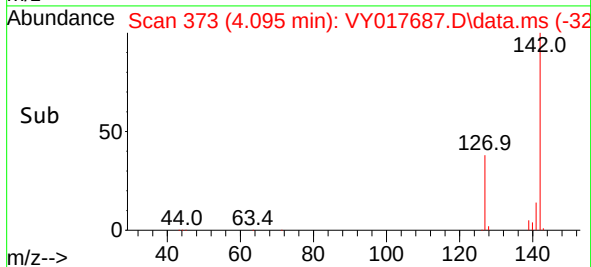
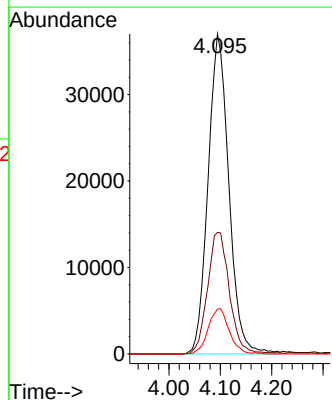
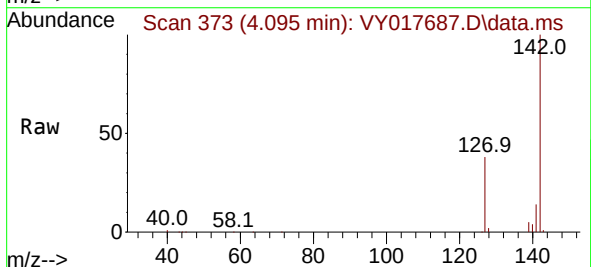
Manual Integrations
APPROVED

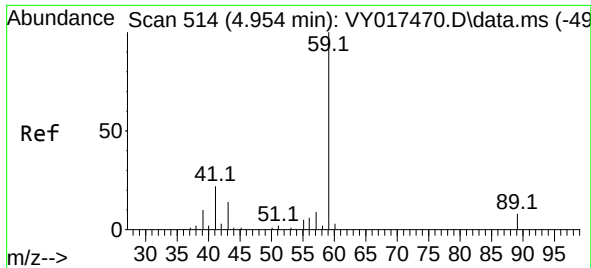
Reviewed By :Mahesh Dadoda 03/19/2024
Supervised By :Semsettin Yesilyurt 03/19/2024



#10
Methyl Iodide
Concen: 55.110 ug/l
RT: 4.095 min Scan# 373
Delta R.T. 0.006 min
Lab File: VY017687.D
Acq: 18 Mar 2024 14:21

Tgt Ion:142 Resp: 103971
Ion Ratio Lower Upper
142 100
127 40.1 32.8 49.2
141 14.3 11.4 17.2





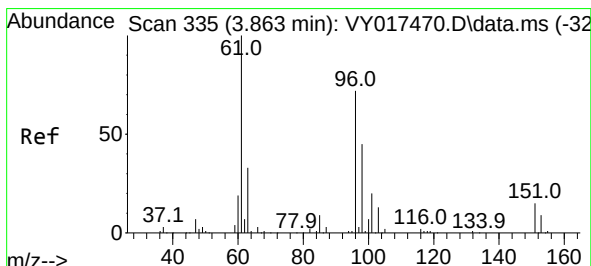
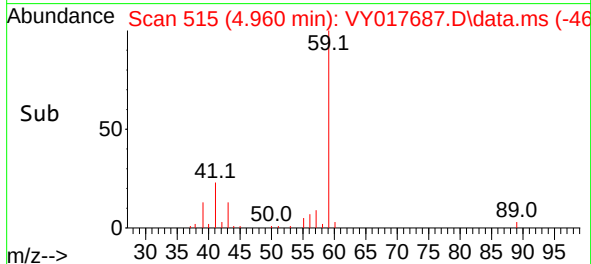
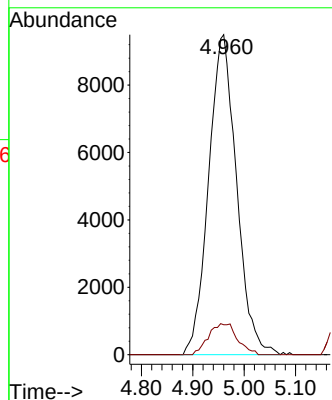
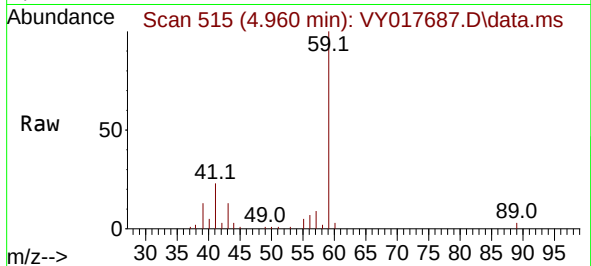
#11
Tert butyl alcohol
Concen: 268.494 ug/l
RT: 4.960 min Scan# 514
Delta R.T. 0.006 min
Lab File: VY017687.D
Acq: 18 Mar 2024 14:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 3584
Ion Ratio Lower Upper
59 100
57 10.0 3.0 4.6

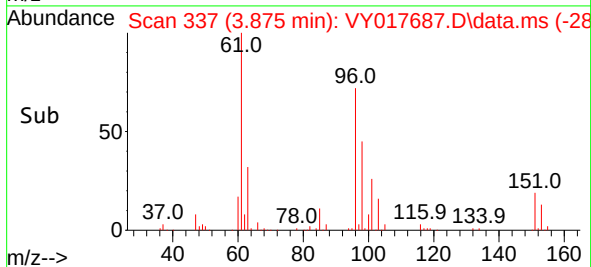
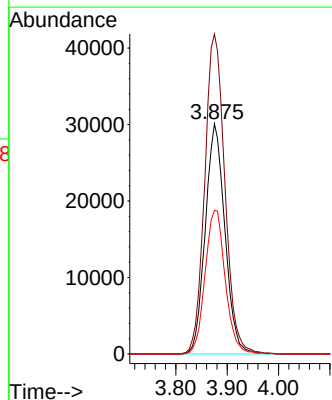
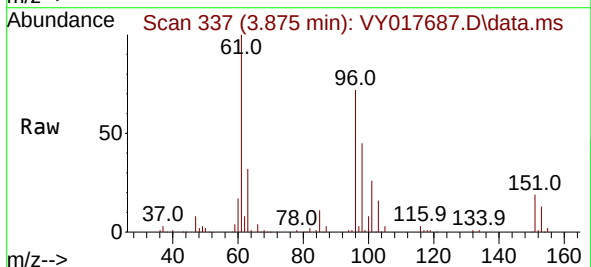
Manual Integrations
APPROVED

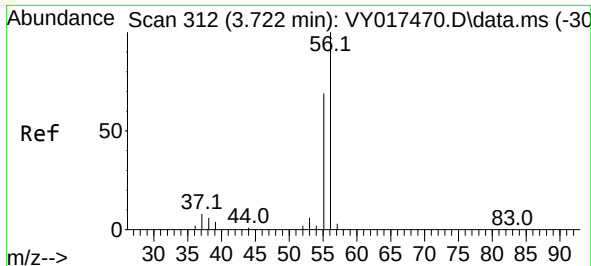
Reviewed By :Mahesh Dadoda 03/19/2024
Supervised By :Semsettin Yesilyurt 03/19/2024



#12
1,1-Dichloroethene
Concen: 51.010 ug/l
RT: 3.875 min Scan# 337
Delta R.T. 0.012 min
Lab File: VY017687.D
Acq: 18 Mar 2024 14:21

Tgt Ion: 96 Resp: 79916
Ion Ratio Lower Upper
96 100
61 139.0 114.6 171.8
98 62.4 50.8 76.2





#13

Acrolein

Concen: 220.544 ug/l

RT: 3.735 min Scan# 31

Delta R.T. 0.012 min

Lab File: VY017687.D

Acq: 18 Mar 2024 14:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 56 Resp: 3885

Ion Ratio Lower Upper

56 100

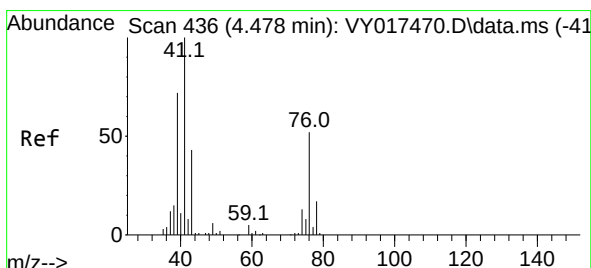
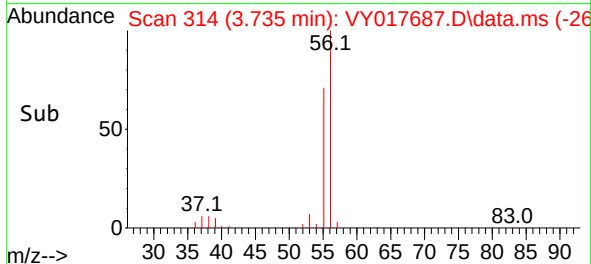
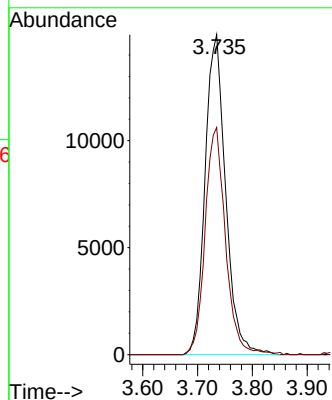
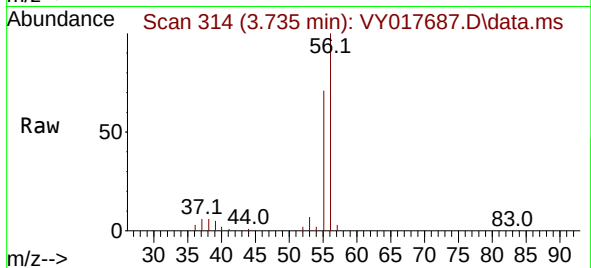
55 70.5 55.7 83.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/19/2024

Supervised By :Semsettin Yesilyurt 03/19/2024



#14

Allyl chloride

Concen: 51.018 ug/l

RT: 4.485 min Scan# 437

Delta R.T. 0.006 min

Lab File: VY017687.D

Acq: 18 Mar 2024 14:21

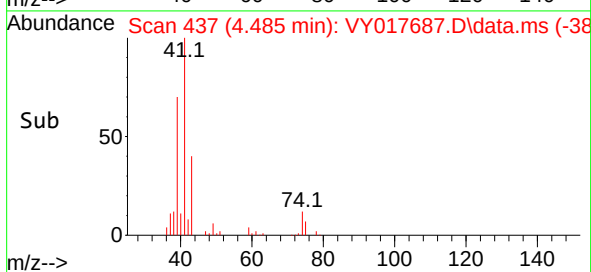
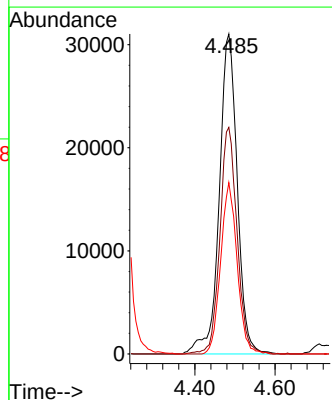
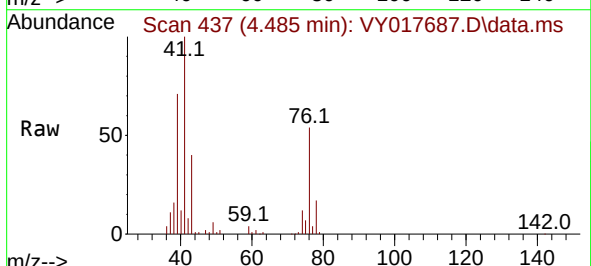
Tgt Ion: 41 Resp: 96577

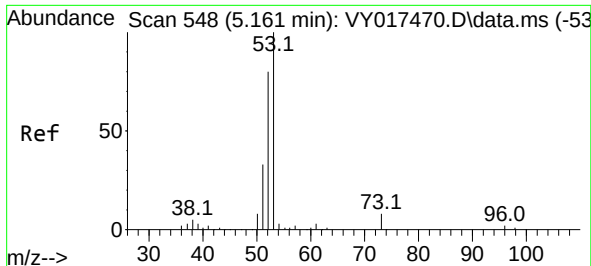
Ion Ratio Lower Upper

41 100

39 67.9 58.3 87.5

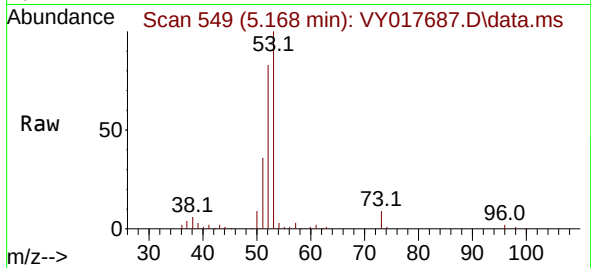
76 49.0 39.0 58.6





#15
Acrylonitrile
Concen: 244.497 ug/l
RT: 5.168 min Scan# 548
Delta R.T. 0.006 min
Lab File: VY017687.D
Acq: 18 Mar 2024 14:21

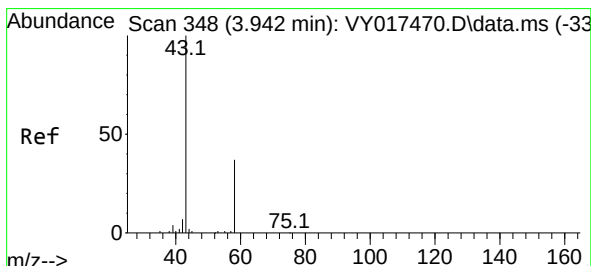
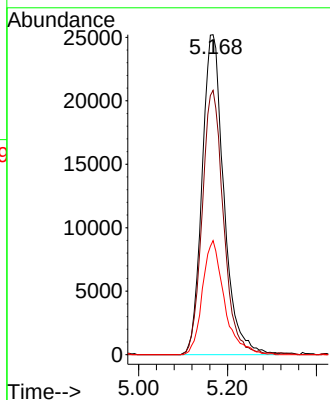
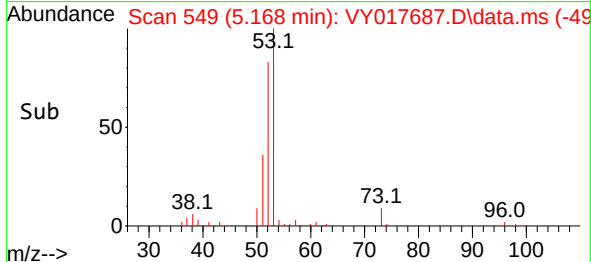
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 86150
Ion Ratio Lower Upper
53 100
52 81.0 64.7 97.1
51 35.9 28.4 42.6

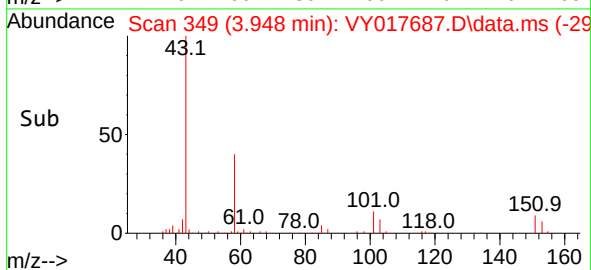
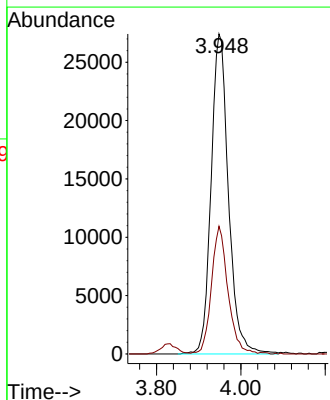
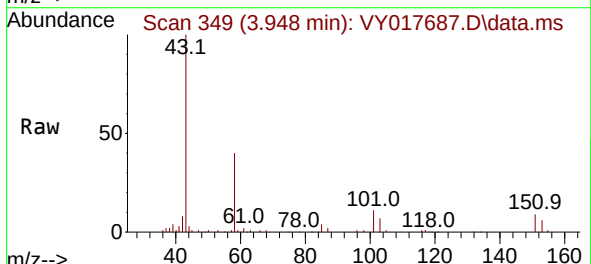
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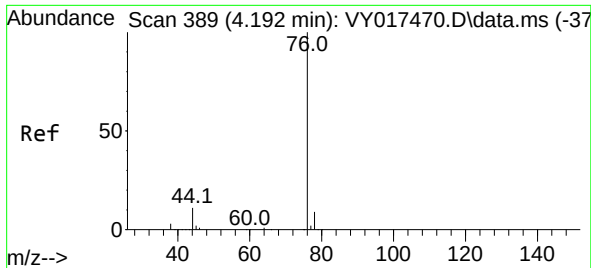
Reviewed By :Mahesh Dadoda 03/19/2024
Supervised By :Semsettin Yesilyurt 03/19/2024



#16
Acetone
Concen: 257.063 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY017687.D
Acq: 18 Mar 2024 14:21

Tgt Ion: 43 Resp: 78368
Ion Ratio Lower Upper
43 100
58 39.9 31.7 47.5





#17

Carbon Disulfide

Concen: 51.892 ug/l

RT: 4.198 min Scan# 389

Delta R.T. 0.006 min

Lab File: VY017687.D

Acq: 18 Mar 2024 14:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 244020

Ion Ratio Lower Upper

76 100

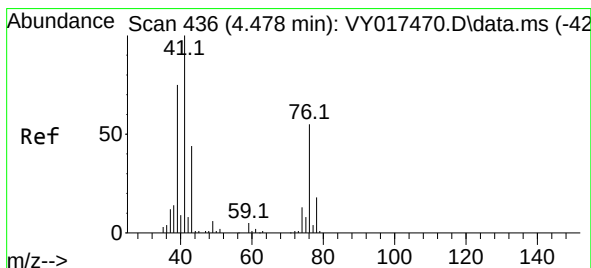
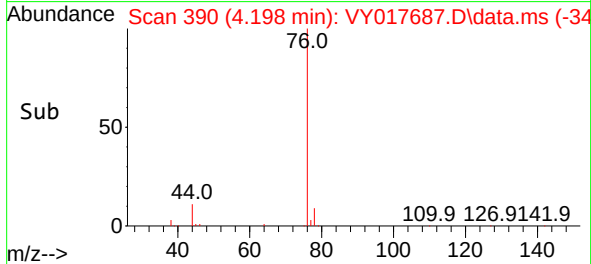
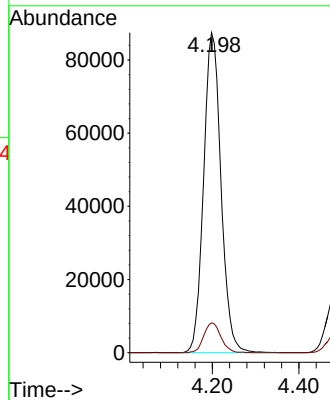
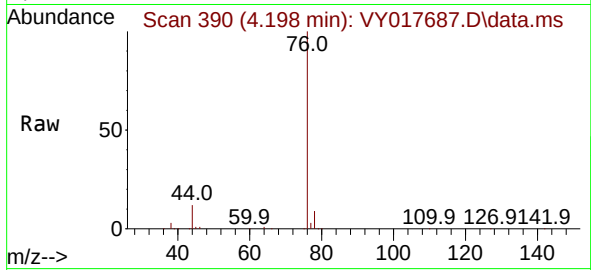
78 9.4 6.8 10.2

Manual Integrations

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Reviewed By :Mahesh Dadoda 03/19/2024

Supervised By :Semsettin Yesilyurt 03/19/2024



#18

Methyl Acetate

Concen: 51.514 ug/l

RT: 4.479 min Scan# 436

Delta R.T. 0.000 min

Lab File: VY017687.D

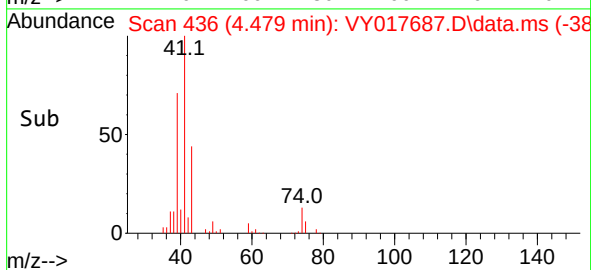
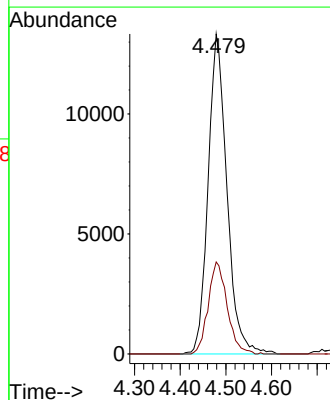
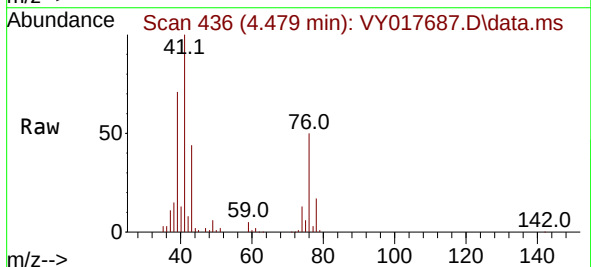
Acq: 18 Mar 2024 14:21

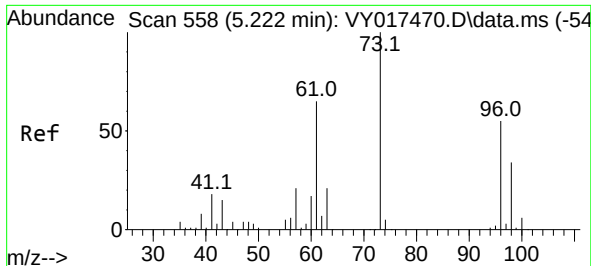
Tgt Ion: 43 Resp: 38100

Ion Ratio Lower Upper

43 100

74 29.0 23.3 34.9





#19

Methyl tert-butyl Ether

Concen: 50.637 ug/l

RT: 5.228 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY017687.D

Acq: 18 Mar 2024 14:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 73 Resp: 18490

Ion Ratio Lower Upper

73 100

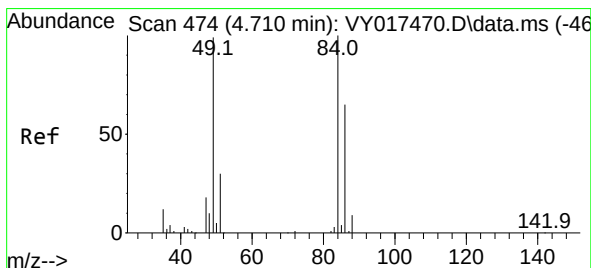
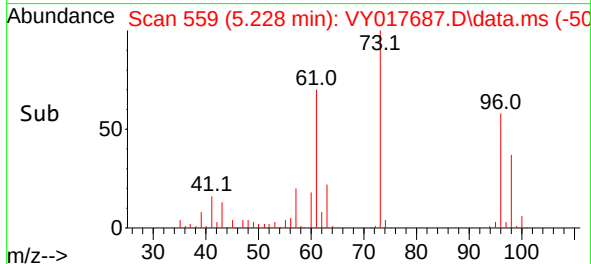
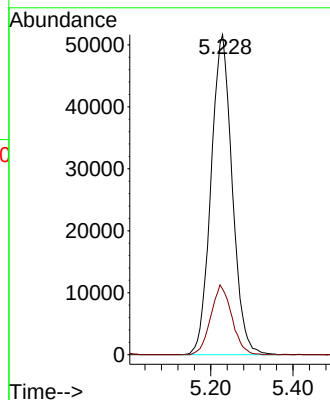
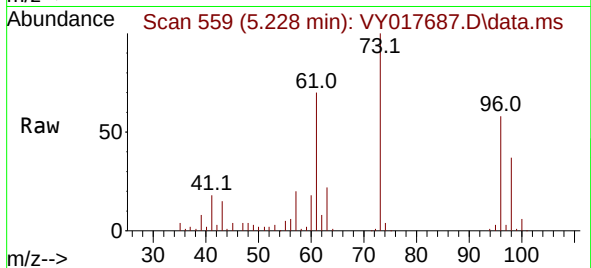
57 20.5 17.3 25.9

Manual Integrations

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Reviewed By :Mahesh Dadoda 03/19/2024

Supervised By :Semsettin Yesilyurt 03/19/2024



#20

Methylene Chloride

Concen: 51.477 ug/l

RT: 4.716 min Scan# 475

Delta R.T. 0.006 min

Lab File: VY017687.D

Acq: 18 Mar 2024 14:21

Tgt Ion: 84 Resp: 91911

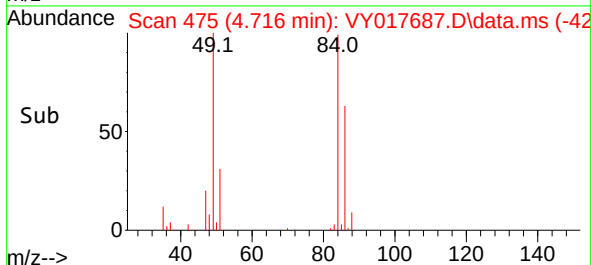
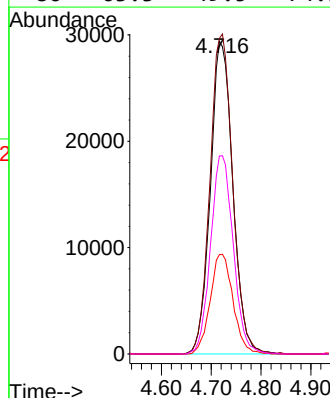
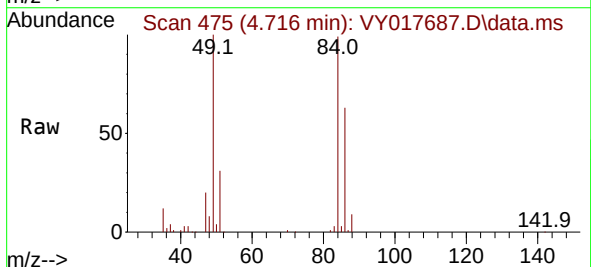
Ion Ratio Lower Upper

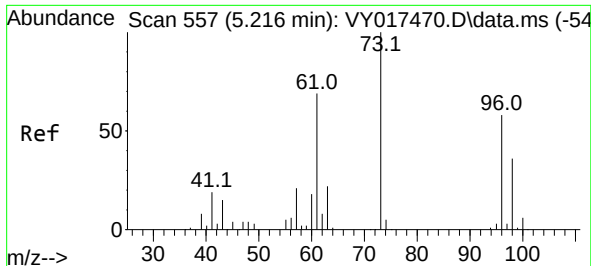
84 100

49 100.9 84.4 126.6

51 31.8 26.0 39.0

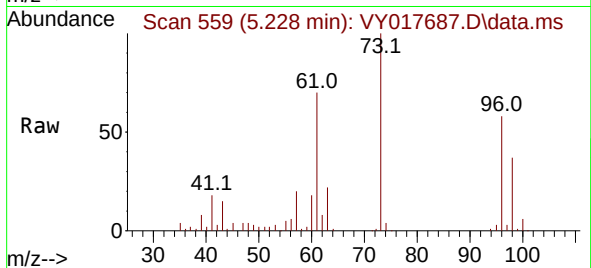
86 63.3 49.5 74.3





#21
trans-1,2-Dichloroethene
Concen: 50.870 ug/l
RT: 5.228 min Scan# 511
Delta R.T. 0.012 min
Lab File: VY017687.D
Acq: 18 Mar 2024 14:21

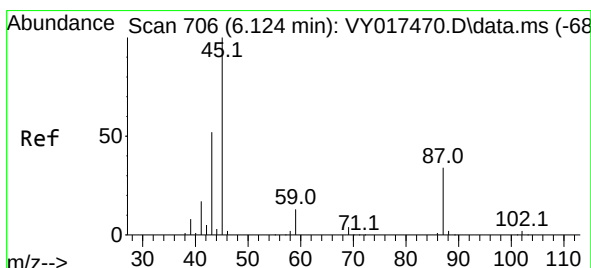
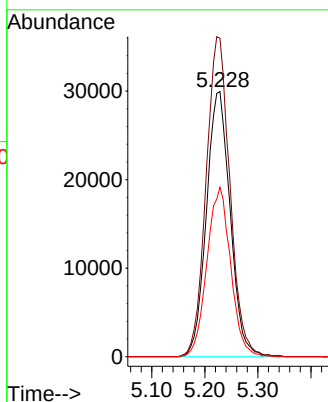
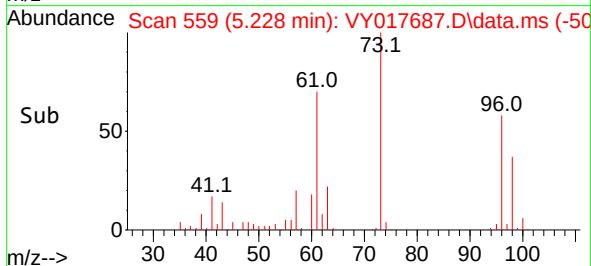
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



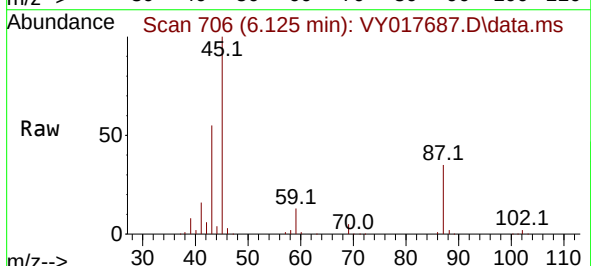
Tgt Ion: 96 Resp: 9331
Ion Ratio Lower Upper
96 100
61 120.1 97.5 146.3
98 63.9 50.5 75.7

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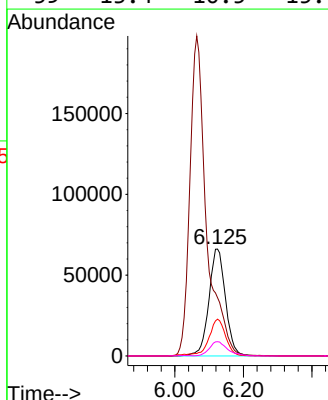
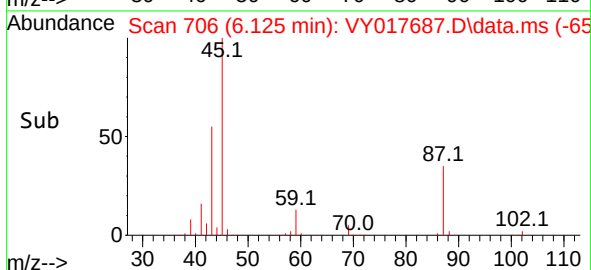
Reviewed By :Mahesh Dadoda 03/19/2024
Supervised By :Semsettin Yesilyurt 03/19/2024

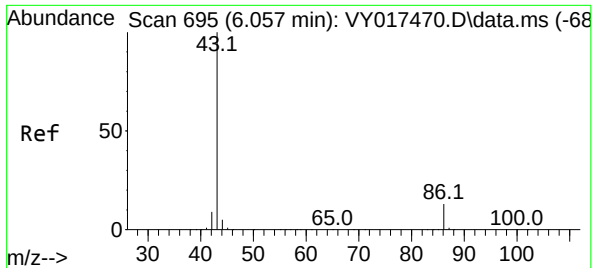


#22
Diisopropyl ether
Concen: 51.068 ug/l
RT: 6.125 min Scan# 706
Delta R.T. 0.000 min
Lab File: VY017687.D
Acq: 18 Mar 2024 14:21



Tgt Ion: 45 Resp: 223077
Ion Ratio Lower Upper
45 100
43 54.3 42.2 63.2
87 34.5 25.0 37.6
59 13.4 10.5 15.7





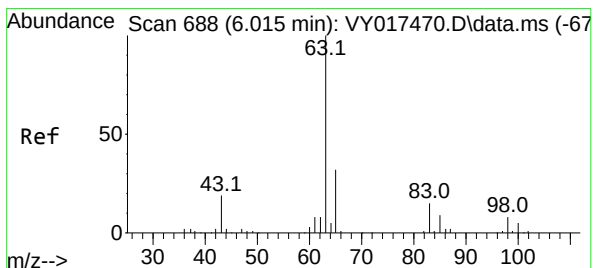
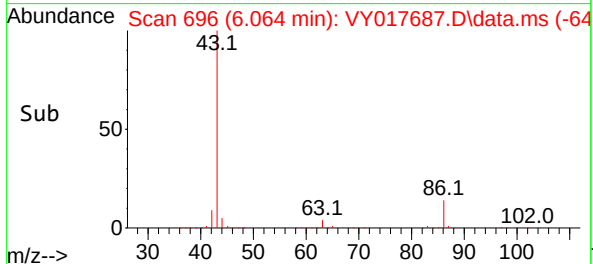
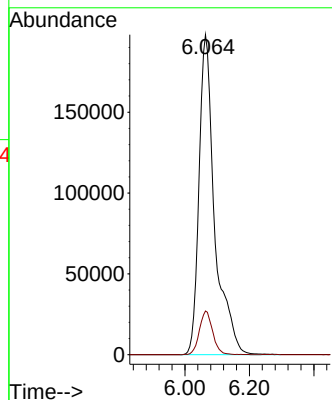
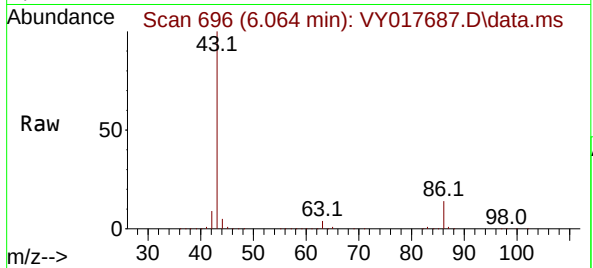
#23
 Vinyl Acetate
 Concen: 256.414 ug/l
 RT: 6.064 min Scan# 696
 Delta R.T. 0.006 min
 Lab File: VY017687.D
 Acq: 18 Mar 2024 14:21

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 66745
 Ion Ratio Lower Upper
 43 100
 86 13.6 10.6 16.0

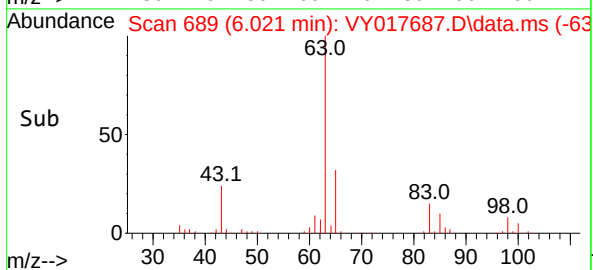
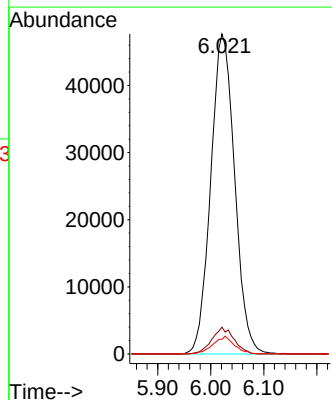
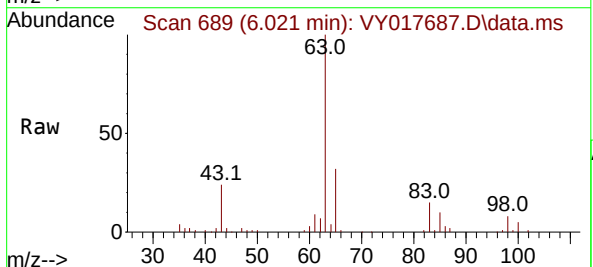
Manual Integrations
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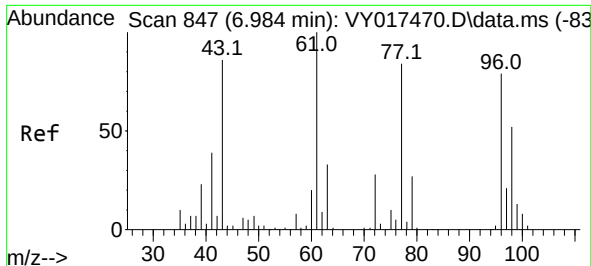
Reviewed By :Mahesh Dadoda 03/19/2024
 Supervised By :Semsettin Yesilyurt 03/19/2024



#24
 1,1-Dichloroethane
 Concen: 50.074 ug/l
 RT: 6.021 min Scan# 689
 Delta R.T. 0.006 min
 Lab File: VY017687.D
 Acq: 18 Mar 2024 14:21

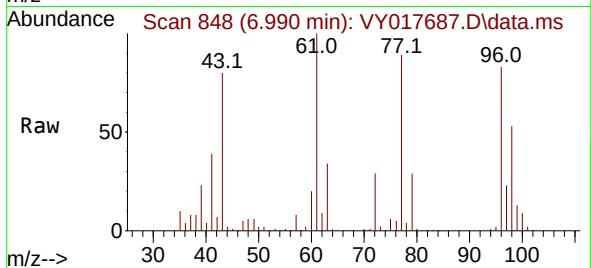
Tgt Ion: 63 Resp: 149439
 Ion Ratio Lower Upper
 63 100
 98 8.4 4.0 12.2
 100 4.6 2.6 8.0





#25
2-Butanone
Concen: 248.569 ug/l
RT: 6.990 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY017687.D
Acq: 18 Mar 2024 14:21

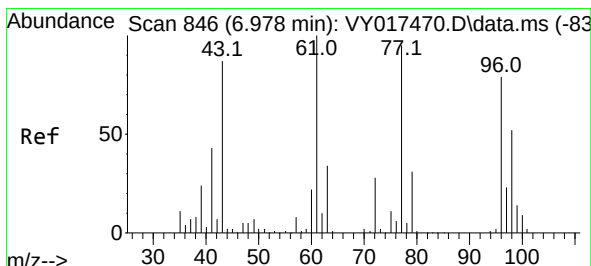
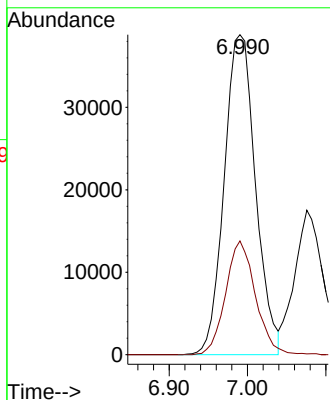
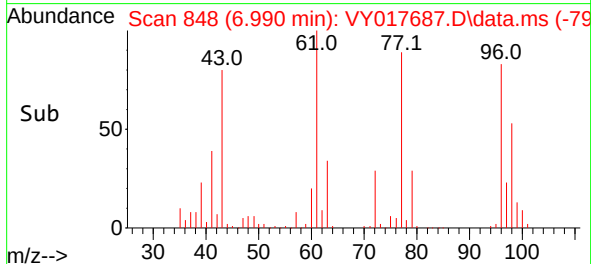
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



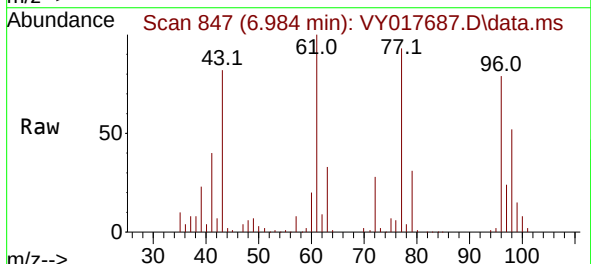
Tgt Ion: 43 Resp: 107994
Ion Ratio Lower Upper
43 100
72 35.6 27.3 40.9

Manual Integrations
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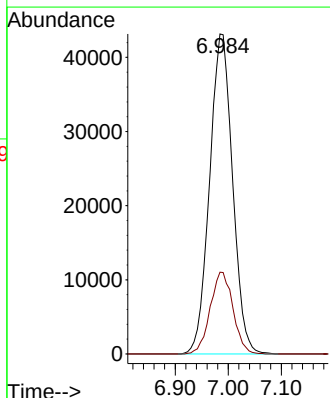
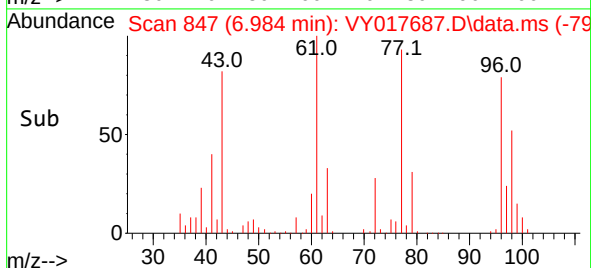
Reviewed By :Mahesh Dadoda 03/19/2024
Supervised By :Semsettin Yesilyurt 03/19/2024

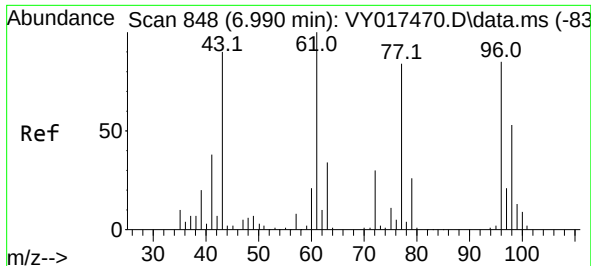


#26
2,2-Dichloropropane
Concen: 51.738 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY017687.D
Acq: 18 Mar 2024 14:21



Tgt Ion: 77 Resp: 129817
Ion Ratio Lower Upper
77 100
97 25.4 12.0 36.1





#27

cis-1,2-Dichloroethene

Concen: 50.795 ug/l

RT: 6.990 min Scan# 848

Delta R.T. 0.000 min

Lab File: VY017687.D

Acq: 18 Mar 2024 14:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 10461

Ion Ratio Lower Upper

96 100

61 125.9 0.0 256.2

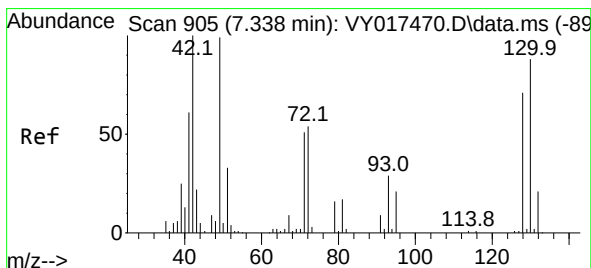
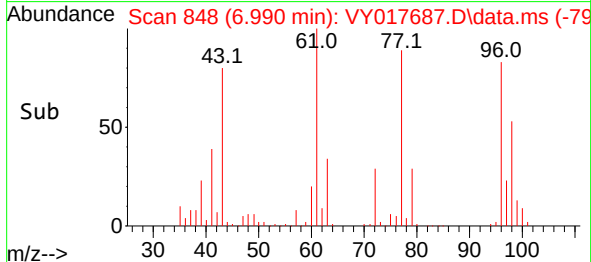
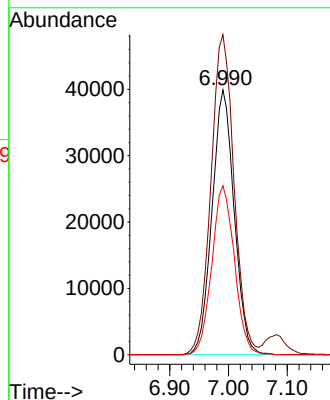
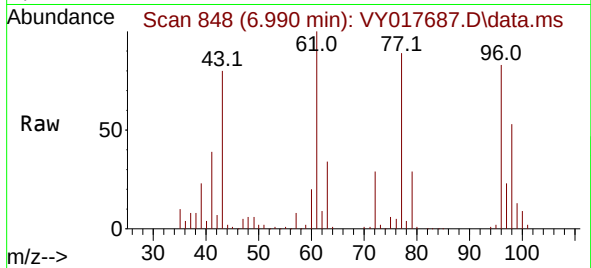
98 65.0 0.0 130.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/19/2024

Supervised By :Semsettin Yesilyurt 03/19/2024



#28

Bromochloromethane

Concen: 50.540 ug/l

RT: 7.338 min Scan# 905

Delta R.T. 0.000 min

Lab File: VY017687.D

Acq: 18 Mar 2024 14:21

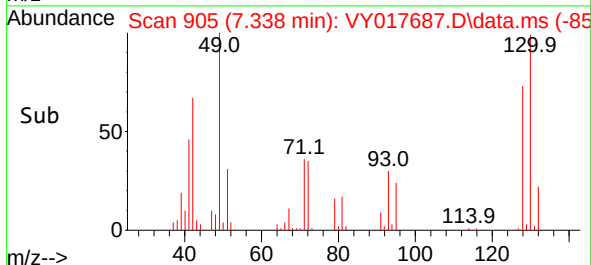
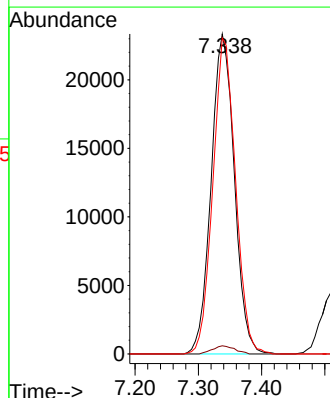
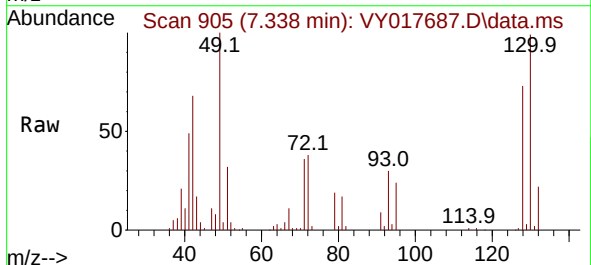
Tgt Ion: 49 Resp: 59401

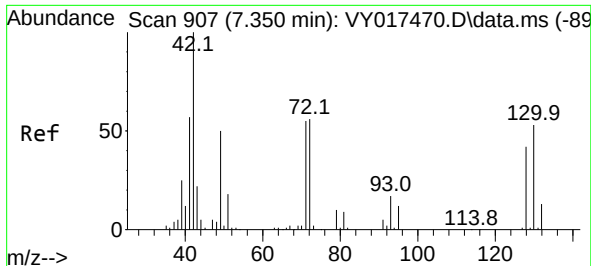
Ion Ratio Lower Upper

49 100

129 2.4 0.0 4.6

130 96.3 72.7 109.1





#29

Tetrahydrofuran

Concen: 247.819 ug/l

RT: 7.356 min Scan# 907

Delta R.T. 0.006 min

Lab File: VY017687.D

Acq: 18 Mar 2024 14:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

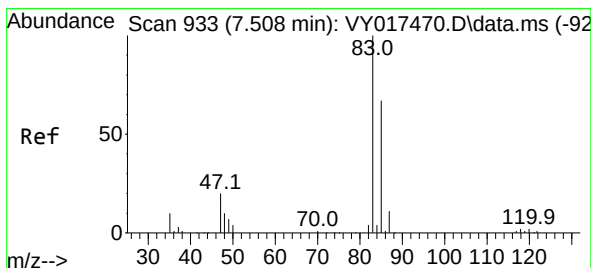
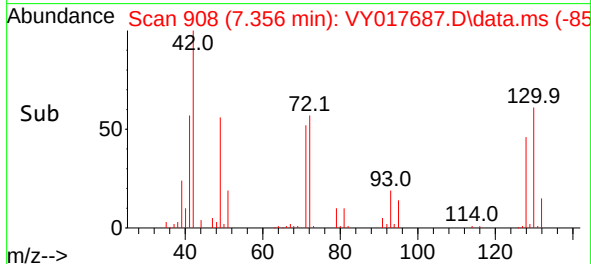
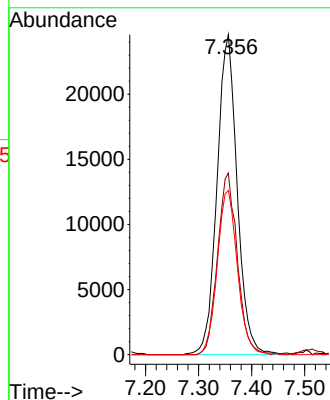
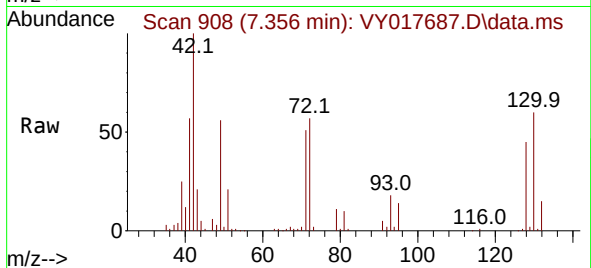
Tgt Ion: 42 Resp: 6490

Ion	Ratio	Lower	Upper
42	100		
72	55.7	43.0	64.4
71	51.3	40.8	61.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/19/2024
Supervised By :Semsettin Yesilyurt 03/19/2024



#30

Chloroform

Concen: 50.154 ug/l

RT: 7.509 min Scan# 933

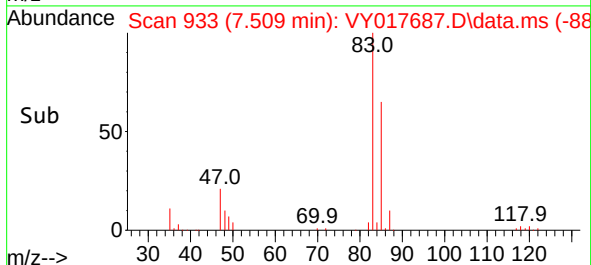
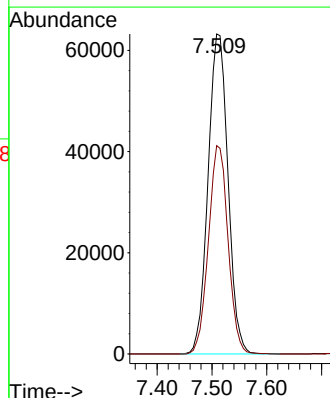
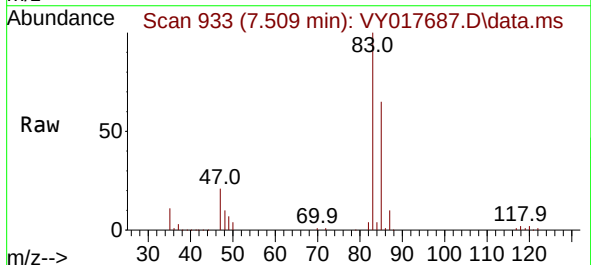
Delta R.T. 0.000 min

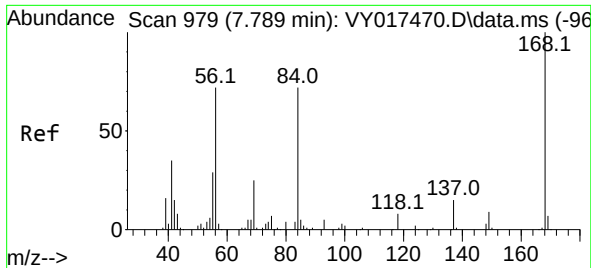
Lab File: VY017687.D

Acq: 18 Mar 2024 14:21

Tgt Ion: 83 Resp: 159355

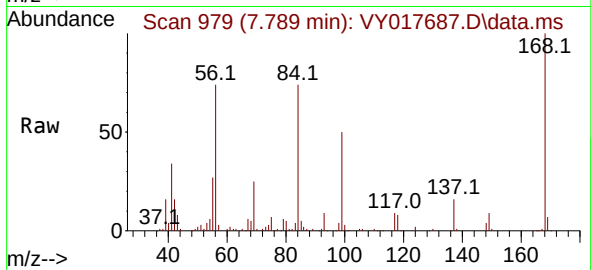
Ion	Ratio	Lower	Upper
83	100		
85	65.1	52.2	78.4





#31
Cyclohexane
Concen: 50.902 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY017687.D
Acq: 18 Mar 2024 14:21

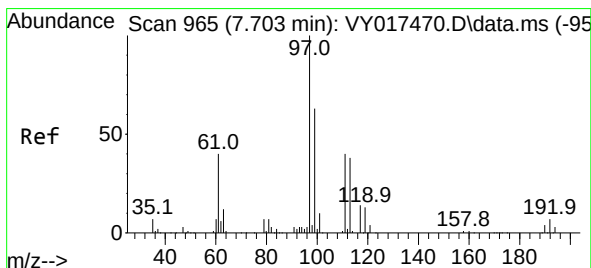
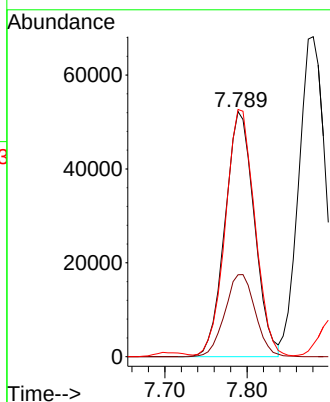
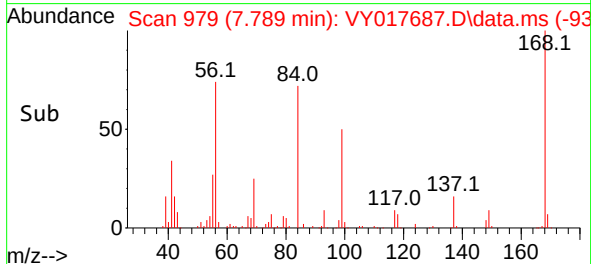
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



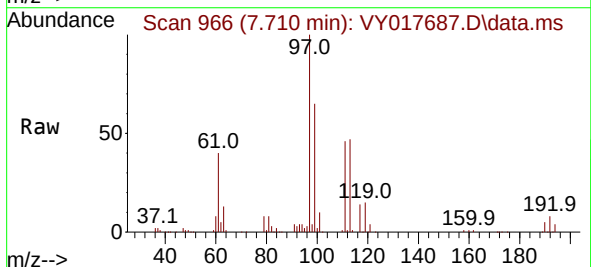
Tgt Ion: 56 Resp: 13020
Ion Ratio Lower Upper
56 100
69 33.4 28.7 43.1
84 99.4 77.7 116.5

Manual Integrations
APPROVED

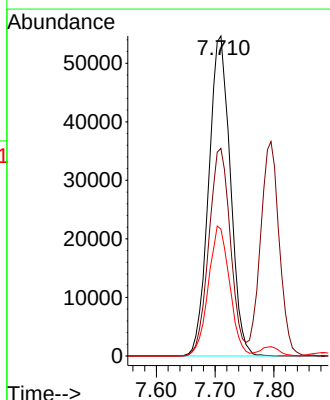
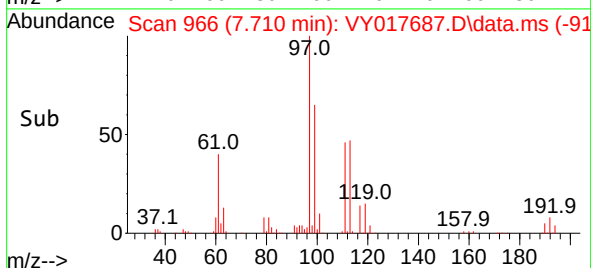
Reviewed By :Mahesh Dadoda 03/19/2024
Supervised By :Semsettin Yesilyurt 03/19/2024

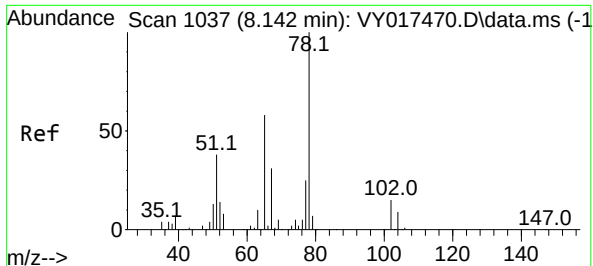


#32
1,1,1-Trichloroethane
Concen: 50.694 ug/l
RT: 7.710 min Scan# 966
Delta R.T. 0.006 min
Lab File: VY017687.D
Acq: 18 Mar 2024 14:21



Tgt Ion: 97 Resp: 139840
Ion Ratio Lower Upper
97 100
99 64.9 50.3 75.5
61 39.9 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 43.015 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. 0.000 min

Lab File: VY017687.D

Acq: 18 Mar 2024 14:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 67609

Ion Ratio Lower Upper

65 100

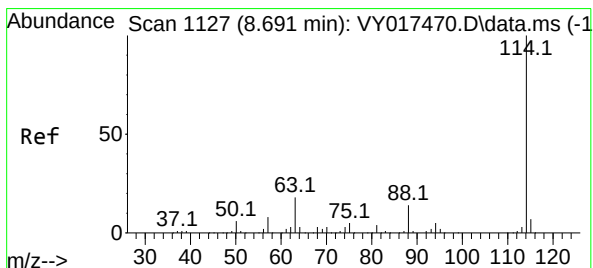
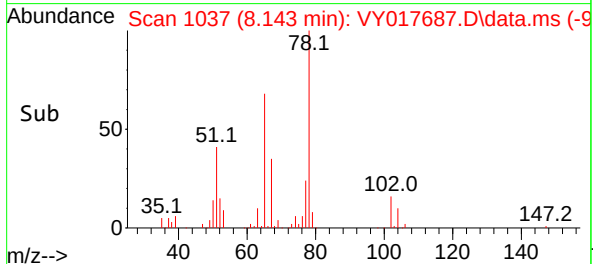
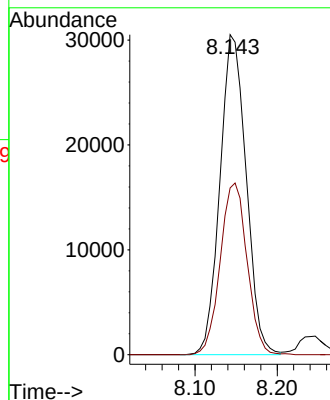
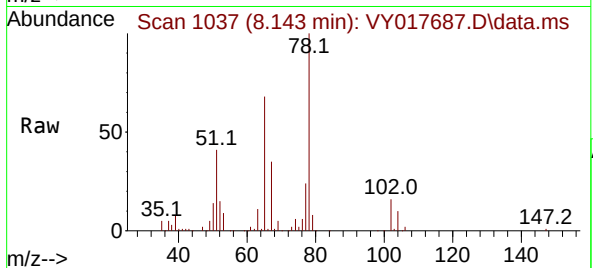
67 54.8 0.0 109.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/19/2024

Supervised By :Semsettin Yesilyurt 03/19/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VY017687.D

Acq: 18 Mar 2024 14:21

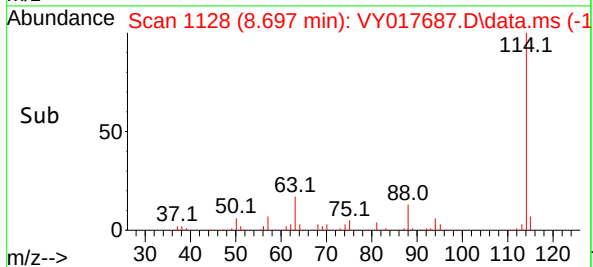
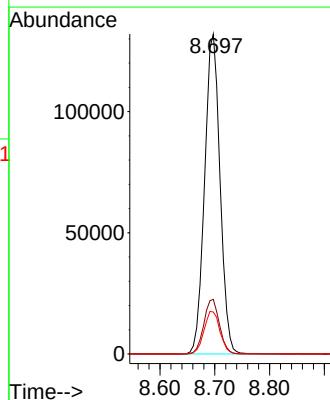
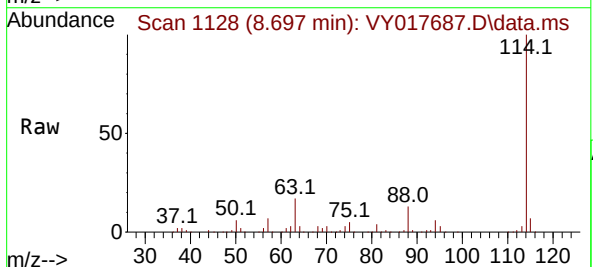
Tgt Ion:114 Resp: 257263

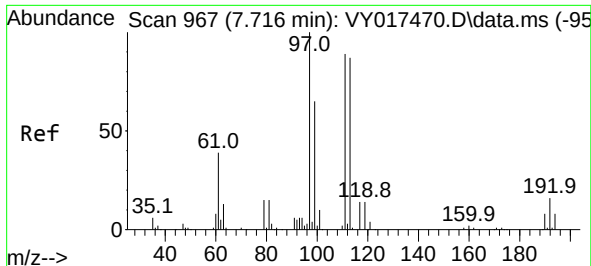
Ion Ratio Lower Upper

114 100

63 17.1 0.0 35.0

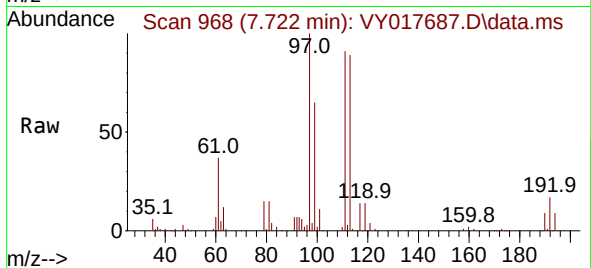
88 13.1 0.0 27.2





#35
Dibromofluoromethane
Concen: 44.707 ug/l
RT: 7.722 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY017687.D
Acq: 18 Mar 2024 14:21

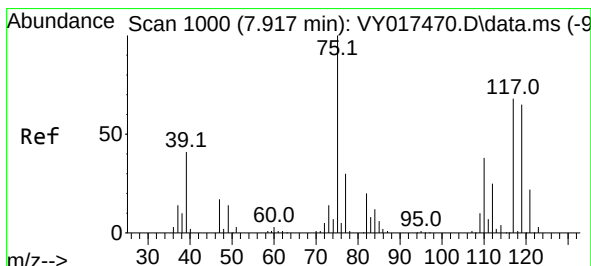
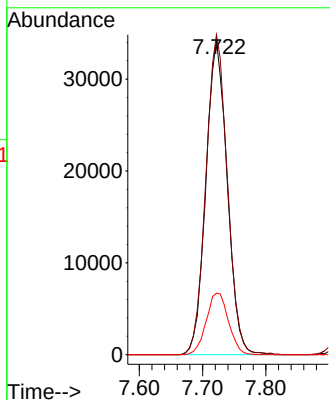
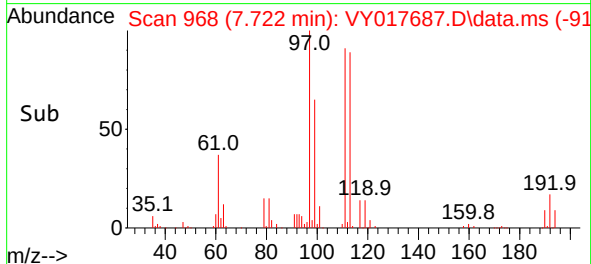
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion:113 Resp: 80140
Ion Ratio Lower Upper
113 100
111 102.5 82.2 123.4
192 20.4 15.9 23.9

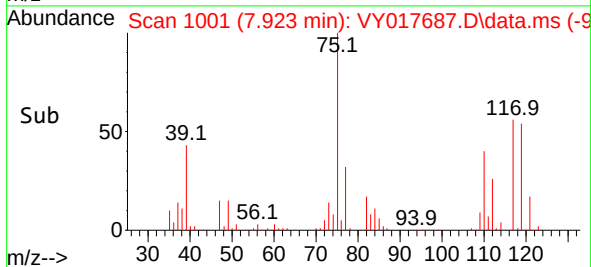
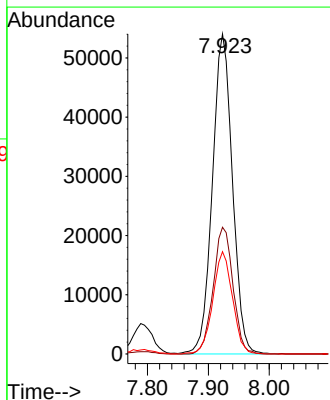
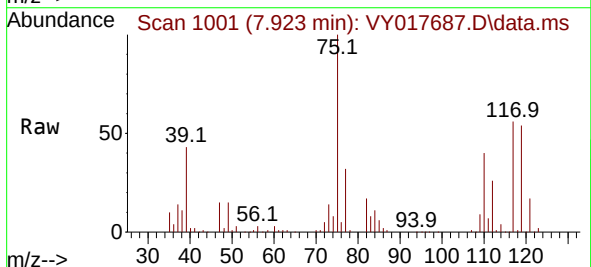
Manual Integrations
APPROVED

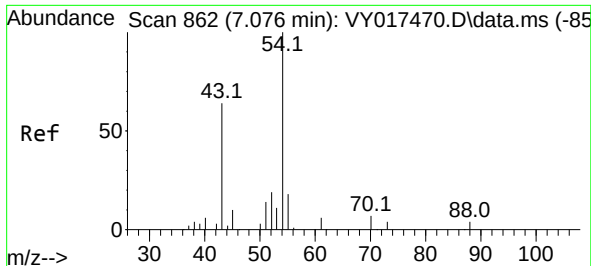
Reviewed By :Mahesh Dadoda 03/19/2024
Supervised By :Semsettin Yesilyurt 03/19/2024



#36
1,1-Dichloropropene
Concen: 51.094 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VY017687.D
Acq: 18 Mar 2024 14:21

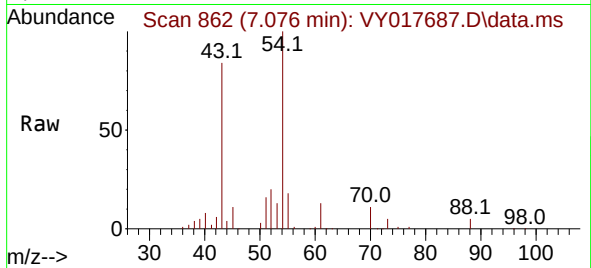
Tgt Ion: 75 Resp: 123582
Ion Ratio Lower Upper
75 100
110 39.0 19.0 57.0
77 31.3 25.3 37.9





#37
Ethyl Acetate
Concen: 48.315 ug/l
RT: 7.076 min Scan# 862
Delta R.T. 0.000 min
Lab File: VY017687.D
Acq: 18 Mar 2024 14:21

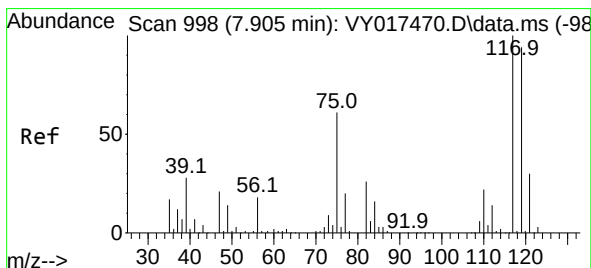
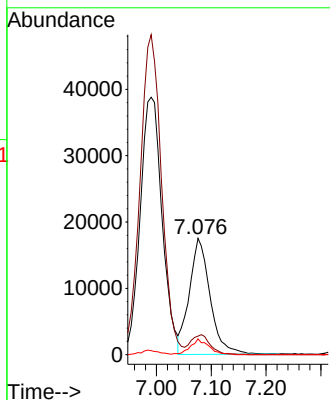
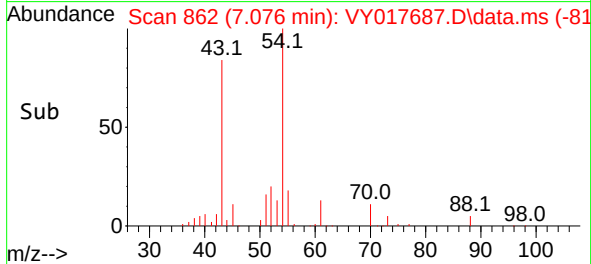
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 46150
Ion Ratio Lower Upper
43 100
61 16.3 12.6 19.0
70 11.9 7.8 11.8

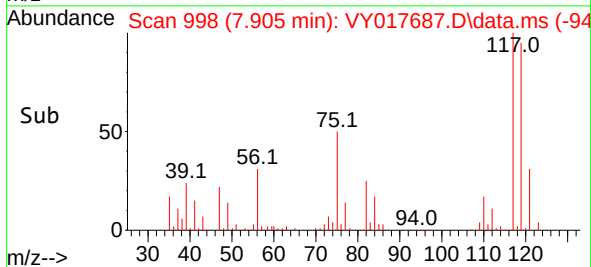
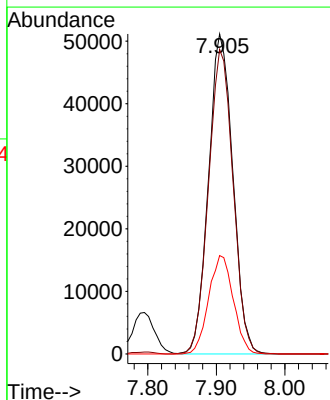
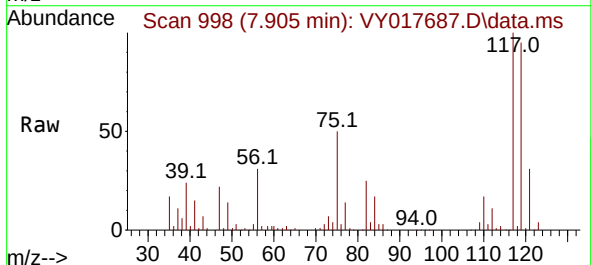
Manual Integrations
APPROVED

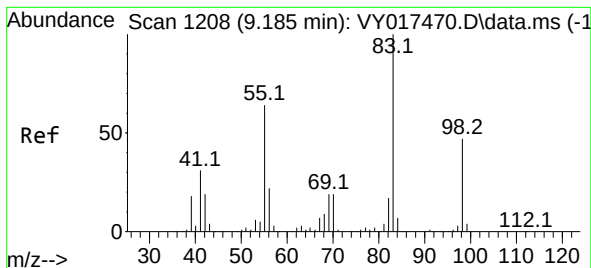
Reviewed By :Mahesh Dadoda 03/19/2024
Supervised By :Semsettin Yesilyurt 03/19/2024



#38
Carbon Tetrachloride
Concen: 52.063 ug/l
RT: 7.905 min Scan# 998
Delta R.T. 0.000 min
Lab File: VY017687.D
Acq: 18 Mar 2024 14:21

Tgt Ion:117 Resp: 126206
Ion Ratio Lower Upper
117 100
119 95.2 75.8 113.6
121 30.8 24.0 36.0





#39

Methylcyclohexane

Concen: 54.272 ug/l

RT: 9.191 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VY017687.D

Acq: 18 Mar 2024 14:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 157758

Ion Ratio Lower Upper

83 100

55 63.8 51.5 77.3

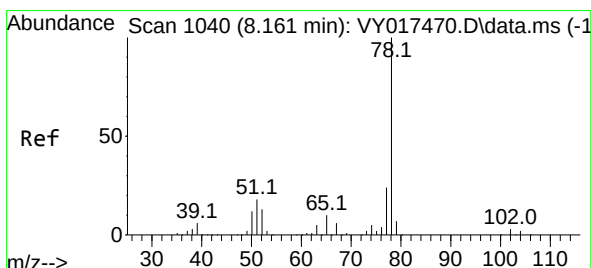
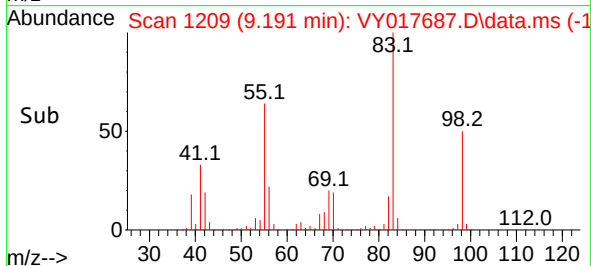
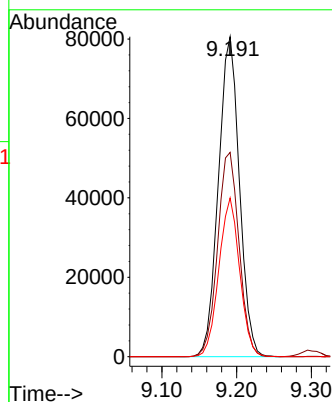
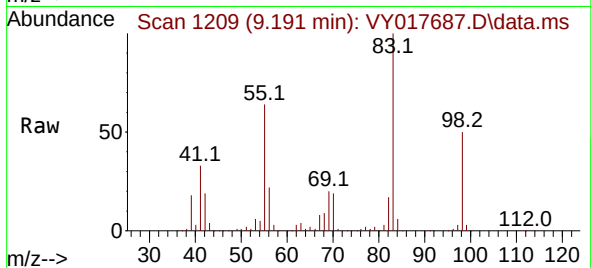
98 49.6 40.5 60.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/19/2024

Supervised By :Semsettin Yesilyurt 03/19/2024



#40

Benzene

Concen: 50.766 ug/l

RT: 8.167 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VY017687.D

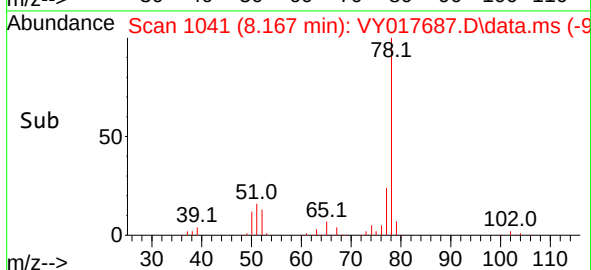
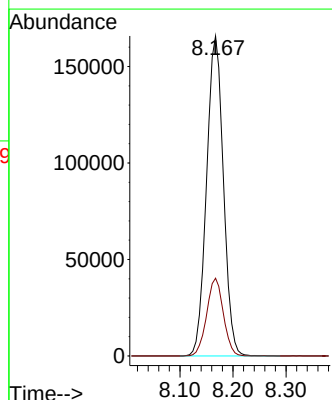
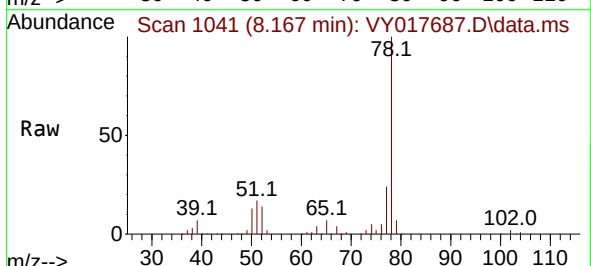
Acq: 18 Mar 2024 14:21

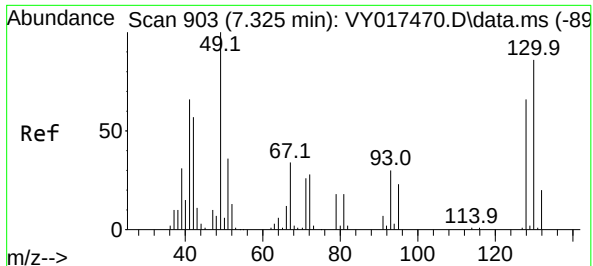
Tgt Ion: 78 Resp: 364653

Ion Ratio Lower Upper

78 100

77 24.3 19.5 29.3





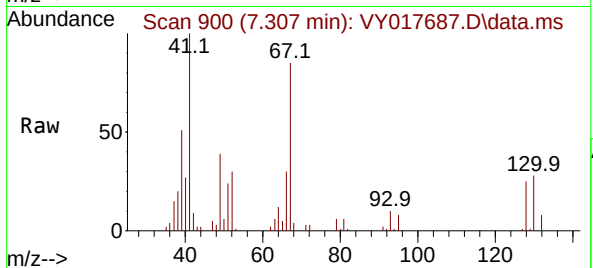
#41
Methacrylonitrile
Concen: 48.508 ug/l m
RT: 7.307 min Scan# 903
Delta R.T. -0.018 min
Lab File: VY017687.D
Acq: 18 Mar 2024 14:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

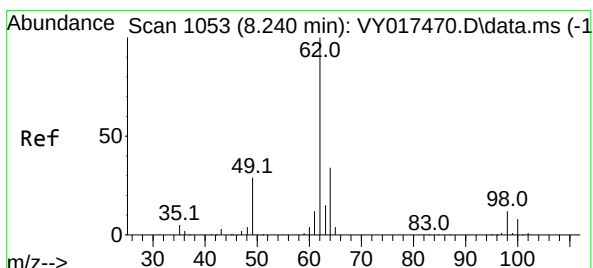
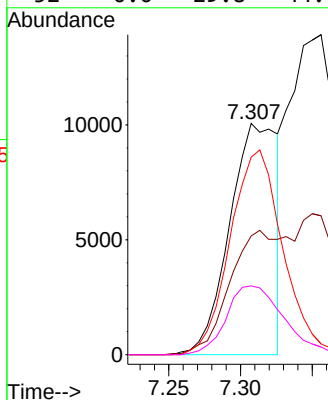
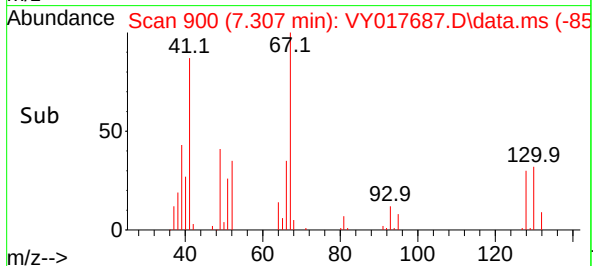


Tgt Ion: 41 Resp: 23254
Ion Ratio Lower Upper
41 100
39 0.0 48.0 72.0
67 0.0 75.1 112.7
52 0.0 29.8 44.6

Manual Integrations

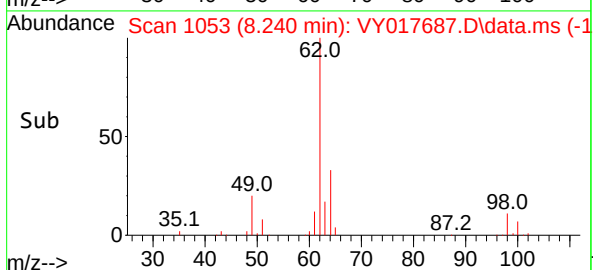
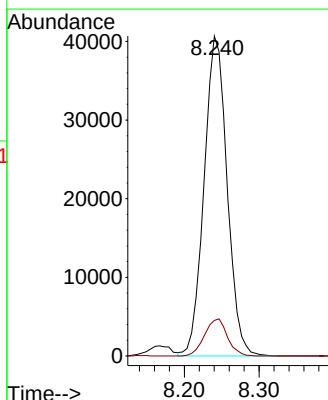
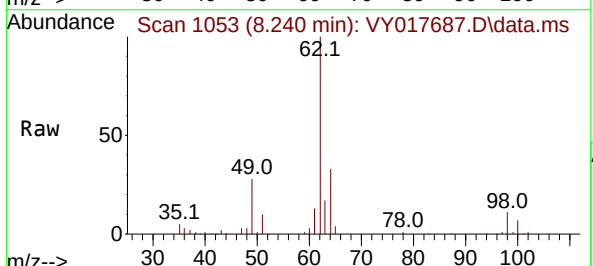
APPROVED

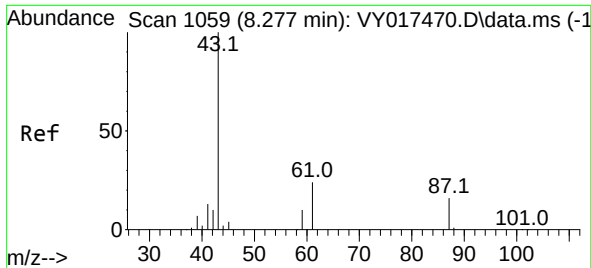
Reviewed By :Mahesh Dadoda 03/19/2024
Supervised By :Semsettin Yesilyurt 03/19/2024



#42
1,2-Dichloroethane
Concen: 49.833 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VY017687.D
Acq: 18 Mar 2024 14:21

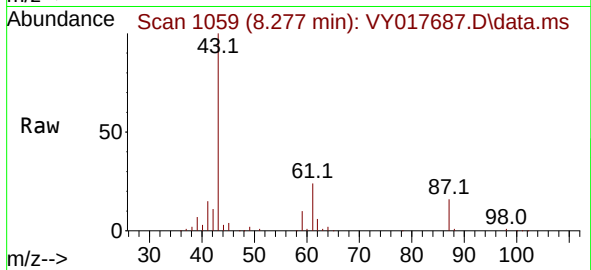
Tgt Ion: 62 Resp: 87334
Ion Ratio Lower Upper
62 100
98 11.4 0.0 22.0





#43
Isopropyl Acetate
Concen: 49.929 ug/l
RT: 8.277 min Scan# 1059
Delta R.T. 0.000 min
Lab File: VY017687.D
Acq: 18 Mar 2024 14:21

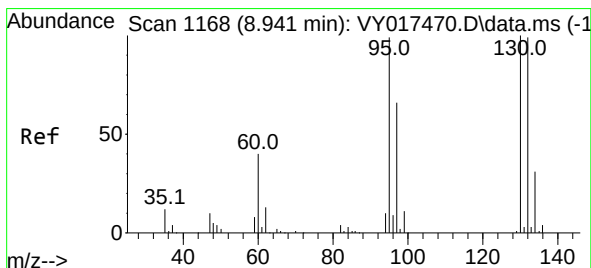
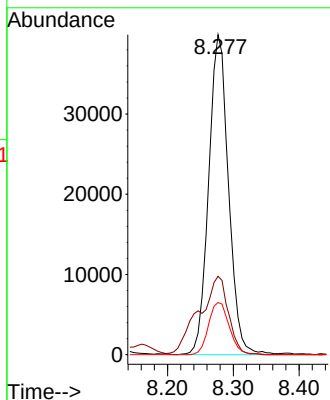
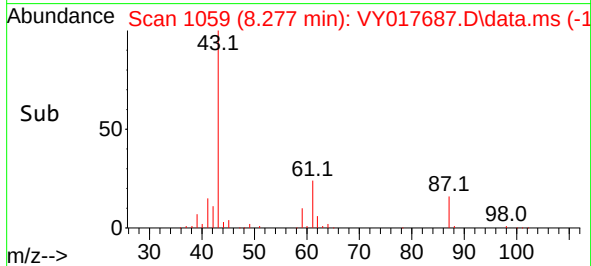
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



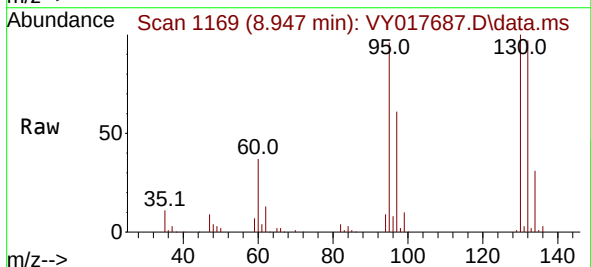
Tgt Ion: 43 Resp: 8381
Ion Ratio Lower Upper
43 100
61 35.9 27.9 41.9
87 17.1 13.1 19.7

Manual Integrations
APPROVED

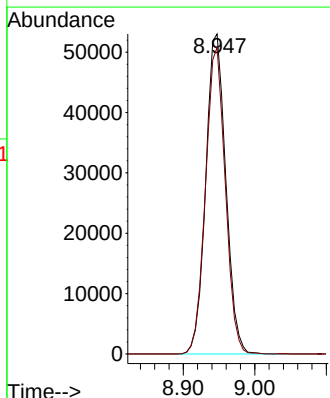
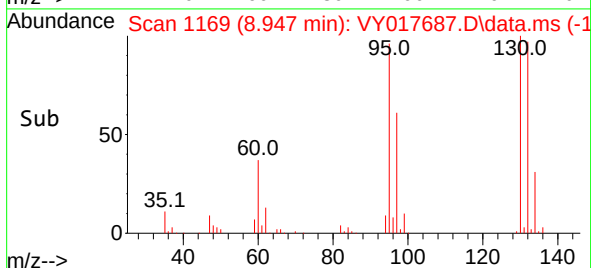
Reviewed By :Mahesh Dadoda 03/19/2024
Supervised By :Semsettin Yesilyurt 03/19/2024

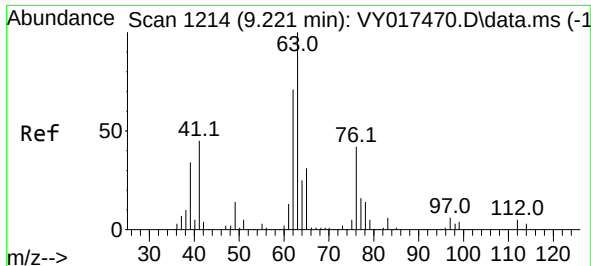


#44
Trichloroethene
Concen: 49.897 ug/l
RT: 8.947 min Scan# 1169
Delta R.T. 0.006 min
Lab File: VY017687.D
Acq: 18 Mar 2024 14:21



Tgt Ion:130 Resp: 103305
Ion Ratio Lower Upper
130 100
95 95.9 0.0 188.0





#45

1,2-Dichloropropane

Concen: 49.803 ug/l

RT: 9.222 min Scan# 1214

Delta R.T. 0.000 min

Lab File: VY017687.D

Acq: 18 Mar 2024 14:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 8511

Ion Ratio Lower Upper

63 100

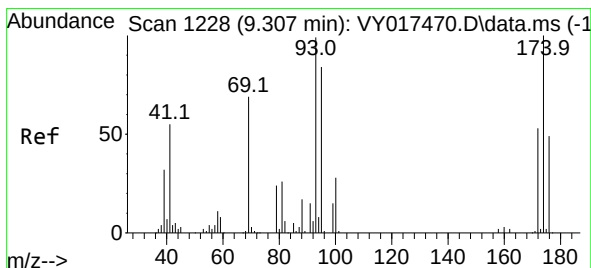
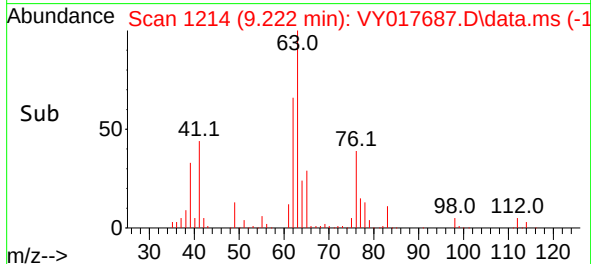
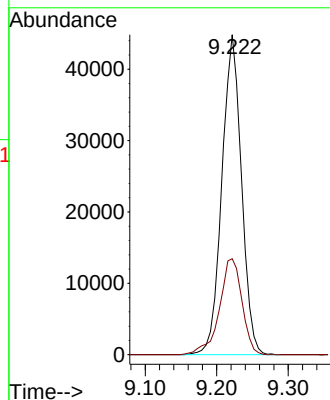
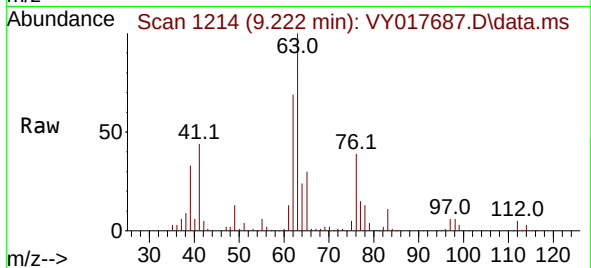
65 30.0 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/19/2024

Supervised By :Semsettin Yesilyurt 03/19/2024



#46

Dibromomethane

Concen: 49.973 ug/l

RT: 9.313 min Scan# 1229

Delta R.T. 0.006 min

Lab File: VY017687.D

Acq: 18 Mar 2024 14:21

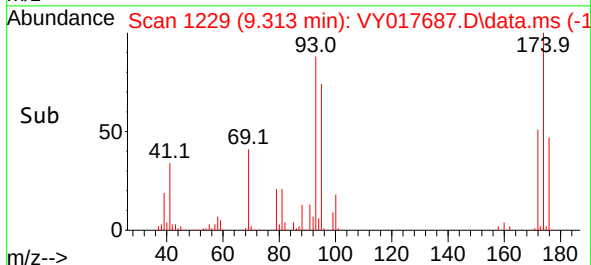
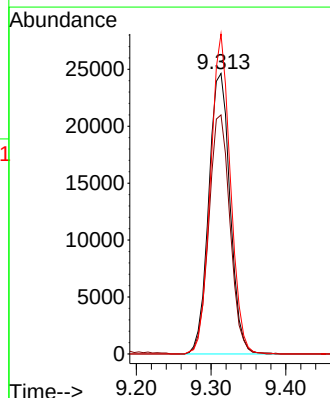
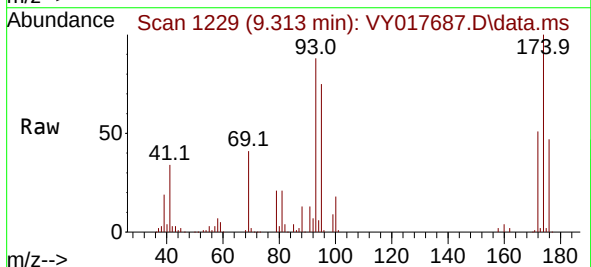
Tgt Ion: 93 Resp: 48875

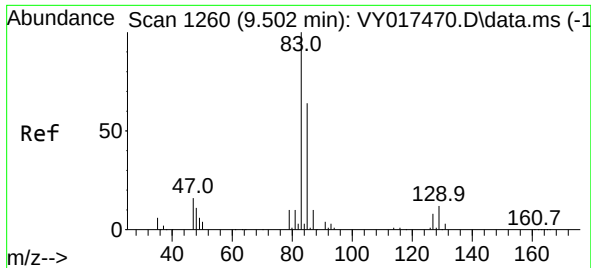
Ion Ratio Lower Upper

93 100

95 84.7 66.2 99.4

174 106.8 80.9 121.3





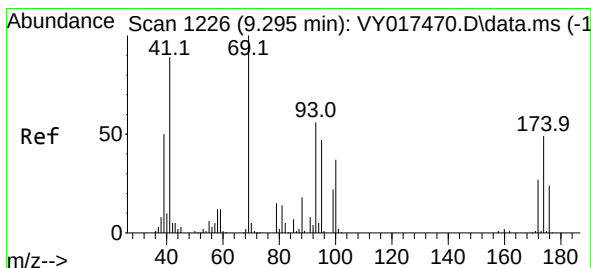
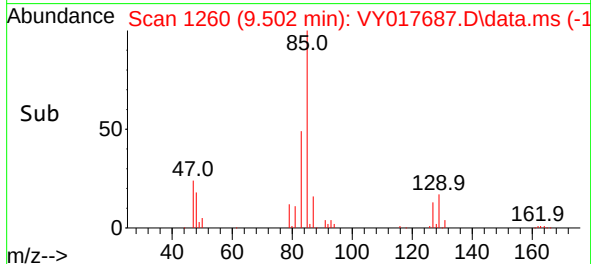
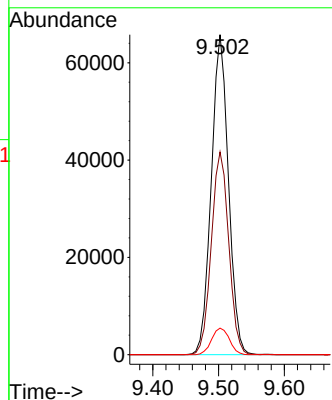
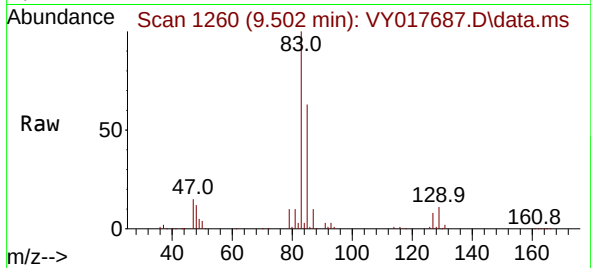
#47
Bromodichloromethane
Concen: 50.291 ug/l
RT: 9.502 min Scan# 11942
Delta R.T. 0.000 min
Lab File: VY017687.D
Acq: 18 Mar 2024 14:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 11942
Ion Ratio Lower Upper
83 100
85 63.3 50.1 75.1
127 8.3 7.4 11.0

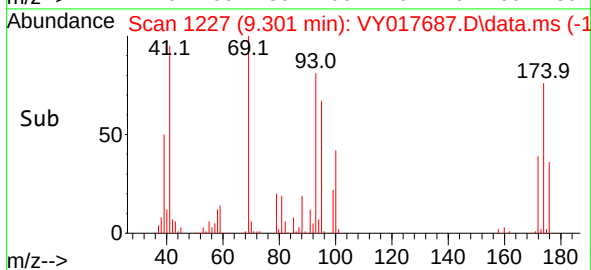
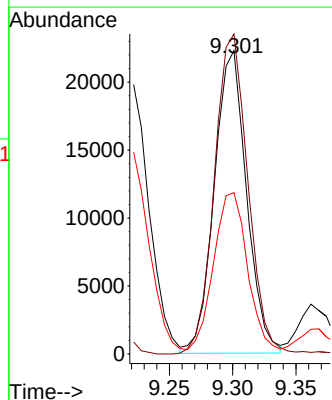
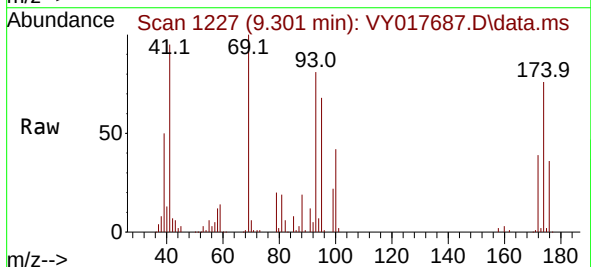
Manual Integrations
APPROVED

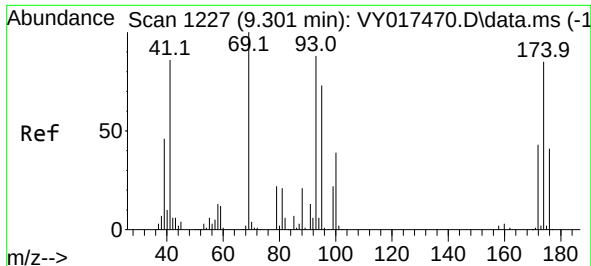
Reviewed By :Mahesh Dadoda 03/19/2024
Supervised By :Semsettin Yesilyurt 03/19/2024



#48
Methyl methacrylate
Concen: 50.843 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. 0.006 min
Lab File: VY017687.D
Acq: 18 Mar 2024 14:21

Tgt Ion: 41 Resp: 39507
Ion Ratio Lower Upper
41 100
69 109.9 84.1 126.1
39 53.8 43.6 65.4





#49

1,4-Dioxane

Concen: 979.354 ug/l

RT: 9.307 min Scan# 1227

Delta R.T. 0.006 min

Lab File: VY017687.D

Acq: 18 Mar 2024 14:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 10840

Ion Ratio Lower Upper

88 100

43 25.8 0.0 0.0

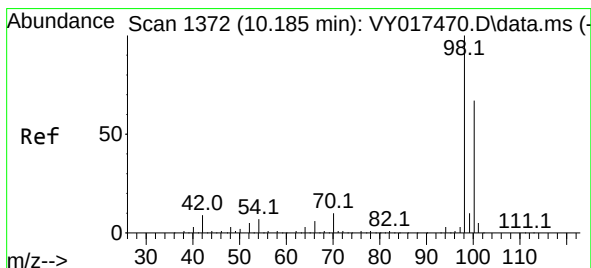
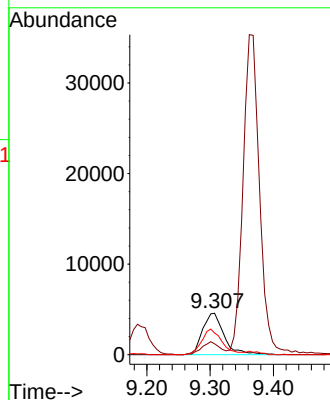
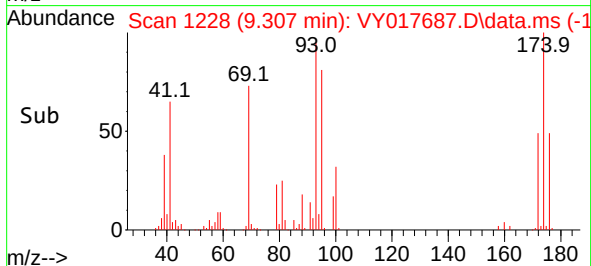
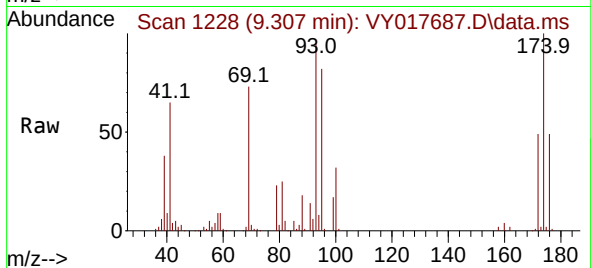
58 58.7 49.3 73.9

Manual Integrations

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Reviewed By :Mahesh Dadoda 03/19/2024

Supervised By :Semsettin Yesilyurt 03/19/2024



#50

Toluene-d8

Concen: 47.692 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. 0.000 min

Lab File: VY017687.D

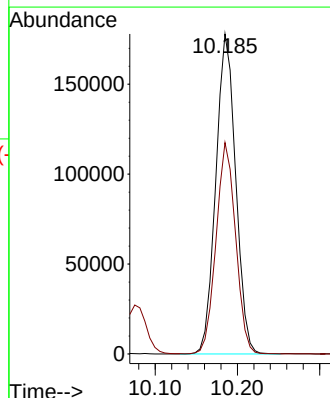
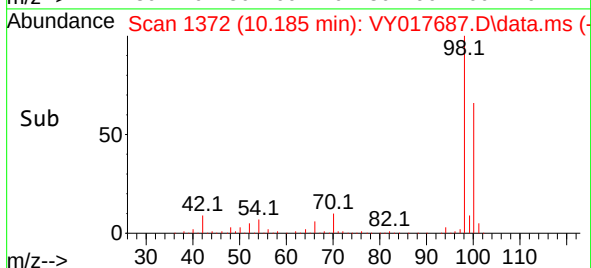
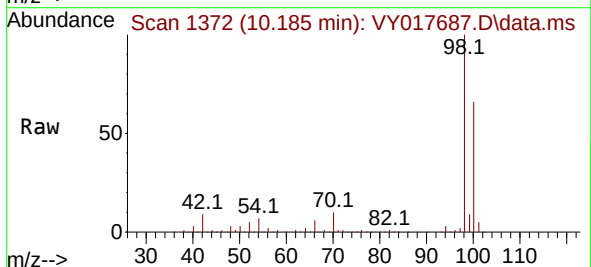
Acq: 18 Mar 2024 14:21

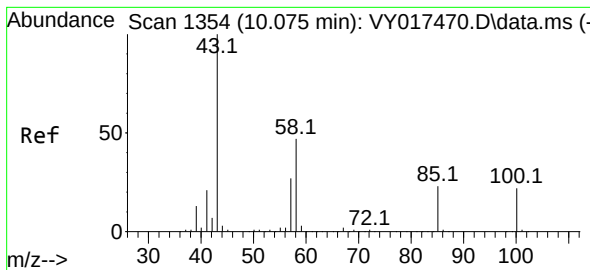
Tgt Ion: 98 Resp: 298931

Ion Ratio Lower Upper

98 100

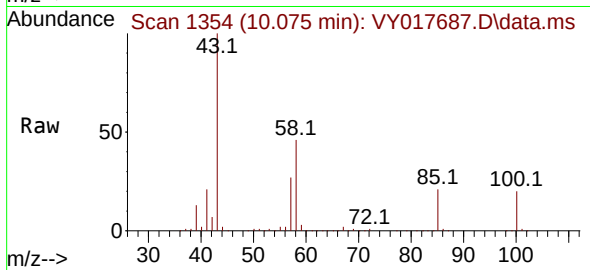
100 65.0 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 250.181 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. 0.000 min
Lab File: VY017687.D
Acq: 18 Mar 2024 14:21

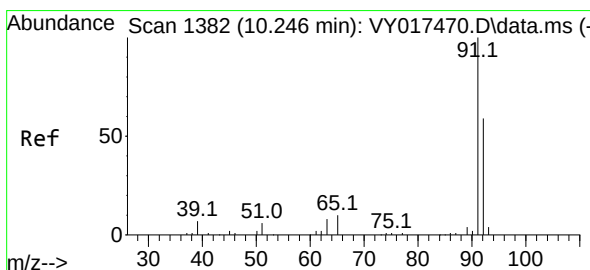
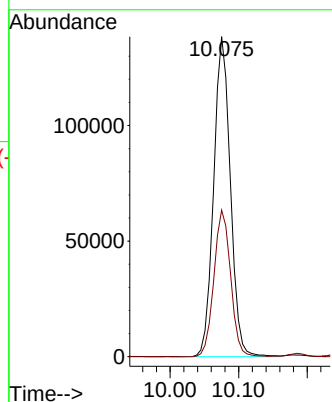
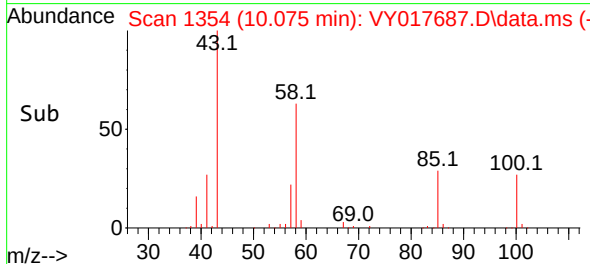
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



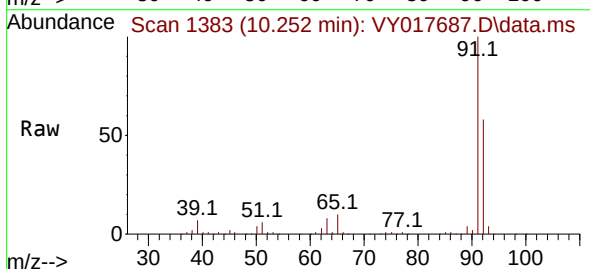
Tgt Ion: 43 Resp: 234070
Ion Ratio Lower Upper
43 100
58 45.9 35.7 53.5

Manual Integrations
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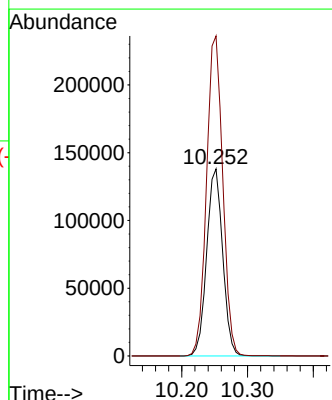
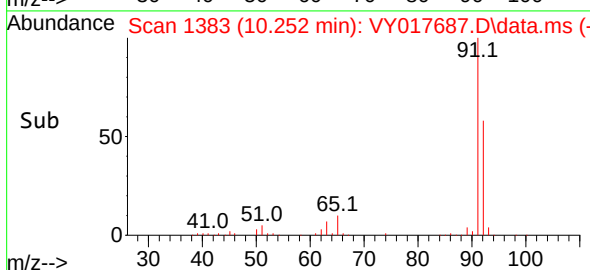
Reviewed By :Mahesh Dadoda 03/19/2024
Supervised By :Semsettin Yesilyurt 03/19/2024

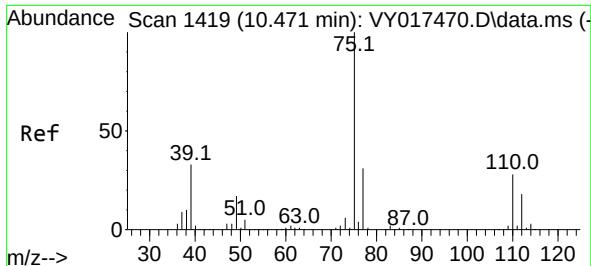


#52
Toluene
Concen: 51.551 ug/l
RT: 10.252 min Scan# 1383
Delta R.T. 0.006 min
Lab File: VY017687.D
Acq: 18 Mar 2024 14:21



Tgt Ion: 92 Resp: 233433
Ion Ratio Lower Upper
92 100
91 173.5 139.0 208.6





#53
t-1,3-Dichloropropene
Concen: 51.277 ug/l
RT: 10.471 min Scan# 1419
Delta R.T. 0.000 min
Lab File: VY017687.D
Acq: 18 Mar 2024 14:21

Instrument :

MSVOA_Y

ClientSampleId :

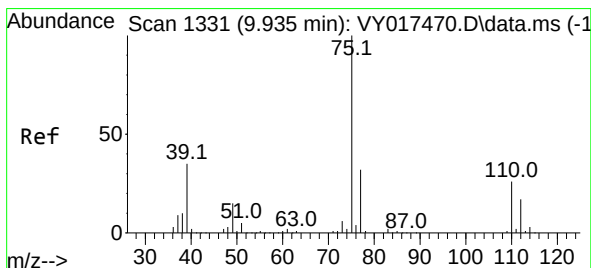
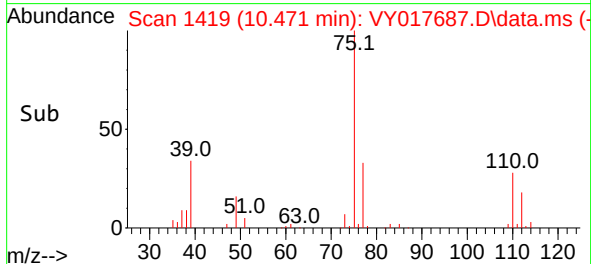
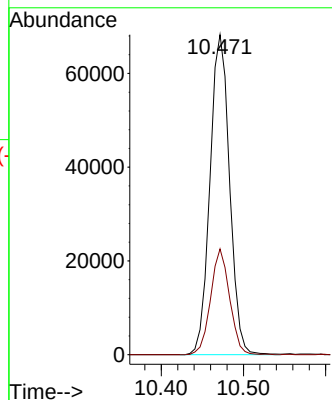
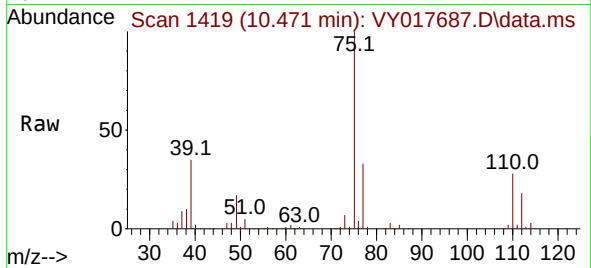
VSTDCCC050

Tgt Ion: 75 Resp: 11302
Ion Ratio Lower Upper
75 100
77 33.0 24.1 36.1

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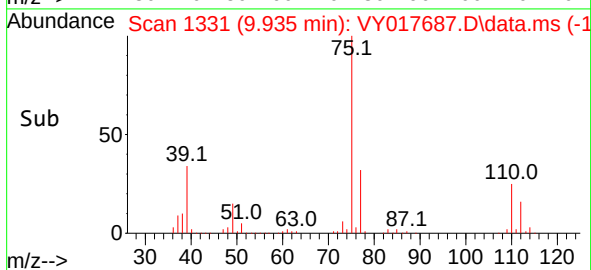
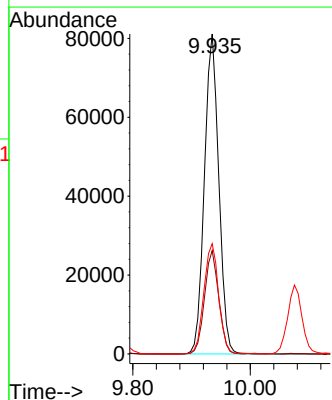
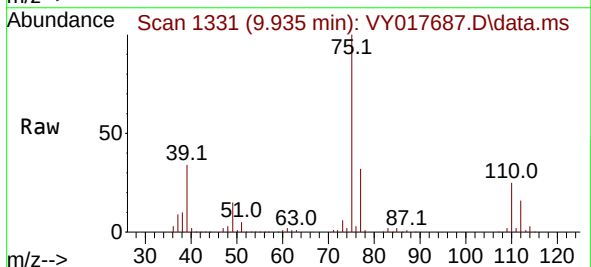
APPROVED

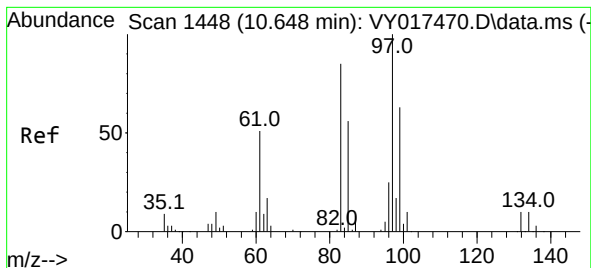
Reviewed By :Mahesh Dadoda 03/19/2024
Supervised By :Semsettin Yesilyurt 03/19/2024



#54
cis-1,3-Dichloropropene
Concen: 51.571 ug/l
RT: 9.935 min Scan# 1331
Delta R.T. 0.000 min
Lab File: VY017687.D
Acq: 18 Mar 2024 14:21

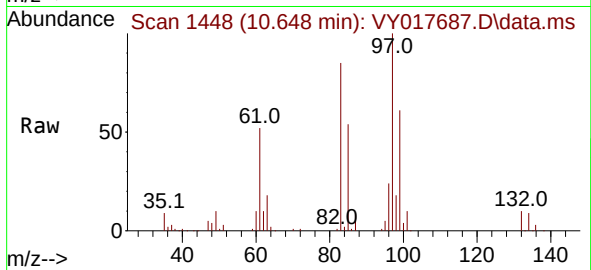
Tgt Ion: 75 Resp: 138120
Ion Ratio Lower Upper
75 100
77 32.3 25.4 38.0
39 34.4 29.8 44.6





#55
1,1,2-Trichloroethane
Concen: 49.206 ug/l
RT: 10.648 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VY017687.D
Acq: 18 Mar 2024 14:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

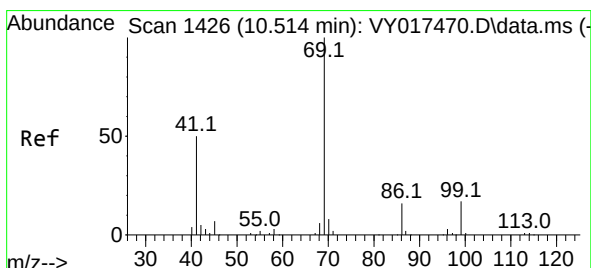
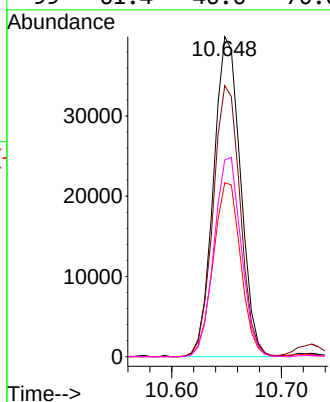
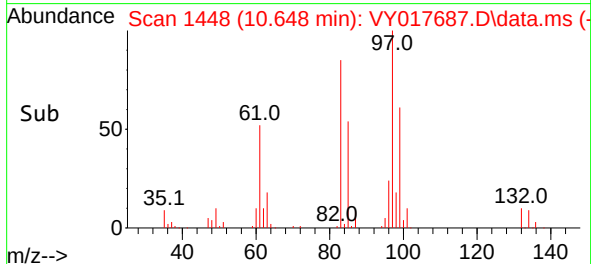


Tgt Ion: 97 Resp: 68328

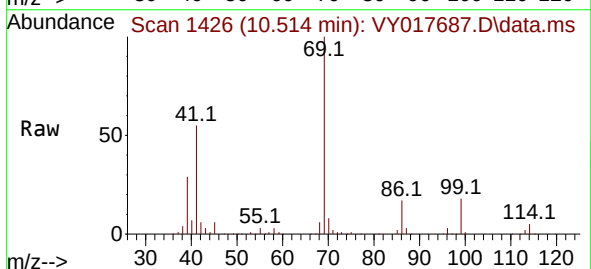
Ion	Ratio	Lower	Upper
97	100		
83	84.7	67.5	101.3
85	54.4	42.9	64.3
99	61.4	46.6	70.0

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 03/19/2024
Supervised By :Semsettin Yesilyurt 03/19/2024

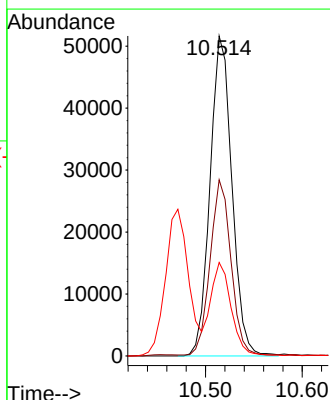
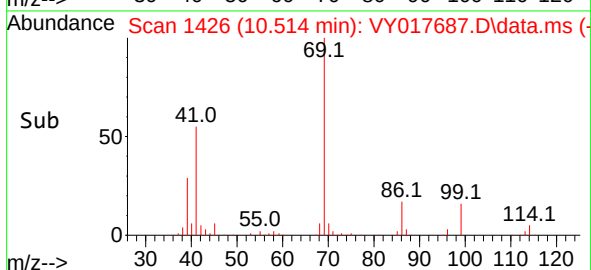


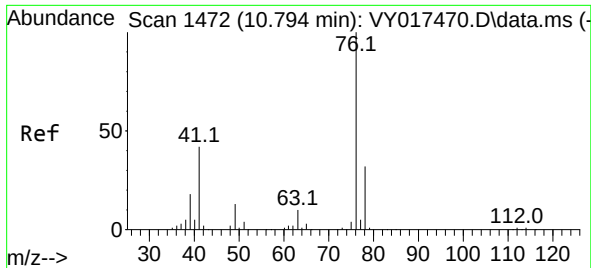
#56
Ethyl methacrylate
Concen: 47.636 ug/l
RT: 10.514 min Scan# 1426
Delta R.T. 0.000 min
Lab File: VY017687.D
Acq: 18 Mar 2024 14:21



Tgt Ion: 69 Resp: 81162

Ion	Ratio	Lower	Upper
69	100		
41	52.5	42.3	63.5
39	27.3	22.9	34.3





#57

1,3-Dichloropropane

Concen: 49.844 ug/l

RT: 10.795 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VY017687.D

Acq: 18 Mar 2024 14:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 112534

Ion Ratio Lower Upper

76 100

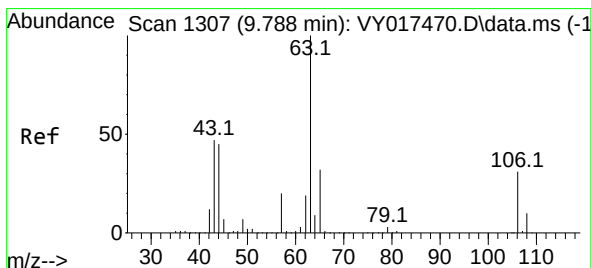
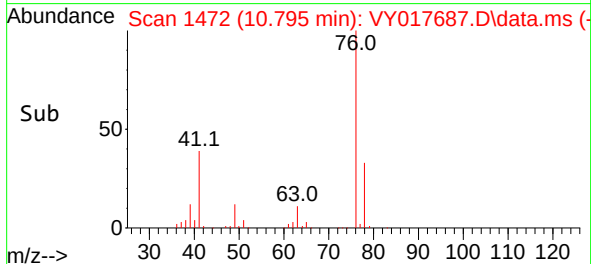
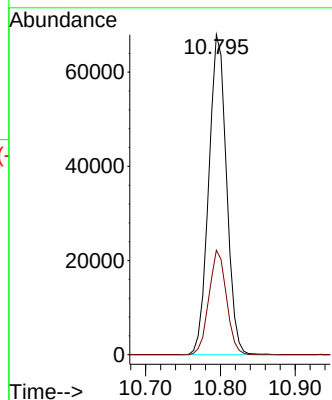
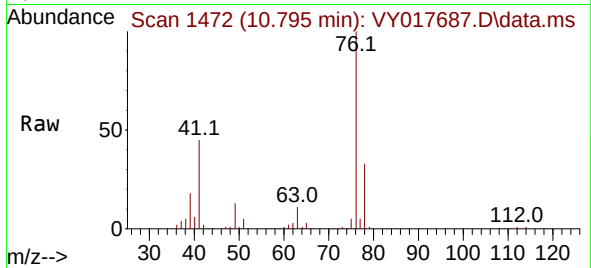
78 32.2 26.2 39.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/19/2024

Supervised By :Semsettin Yesilyurt 03/19/2024



#58

2-Chloroethyl Vinyl ether

Concen: 252.375 ug/l

RT: 9.789 min Scan# 1307

Delta R.T. 0.000 min

Lab File: VY017687.D

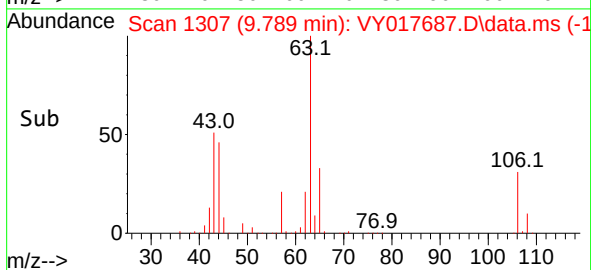
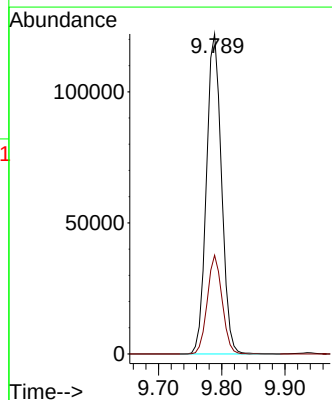
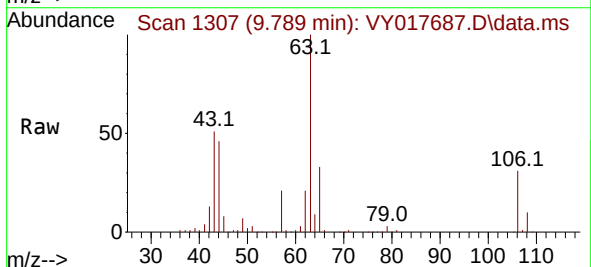
Acq: 18 Mar 2024 14:21

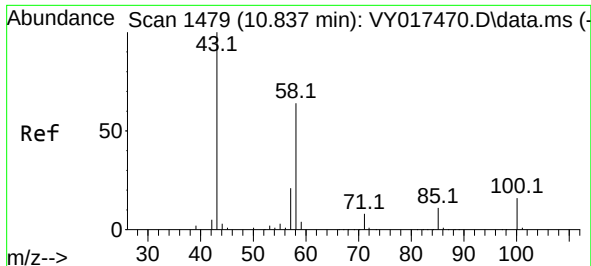
Tgt Ion: 63 Resp: 202229

Ion Ratio Lower Upper

63 100

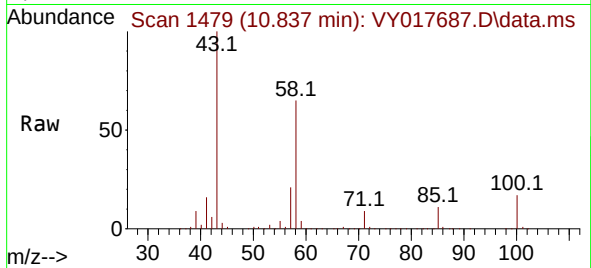
106 30.3 23.7 35.5





#59
2-Hexanone
Concen: 260.515 ug/l
RT: 10.837 min Scan# 1479
Delta R.T. 0.000 min
Lab File: VY017687.D
Acq: 18 Mar 2024 14:21

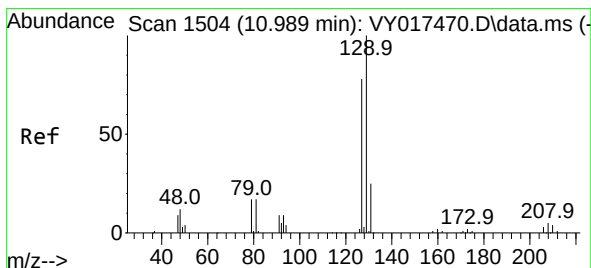
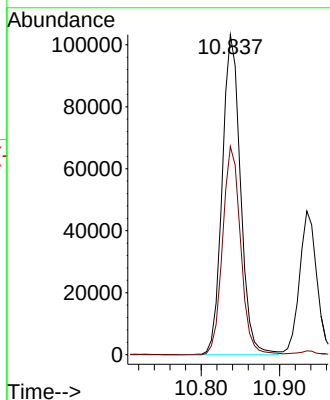
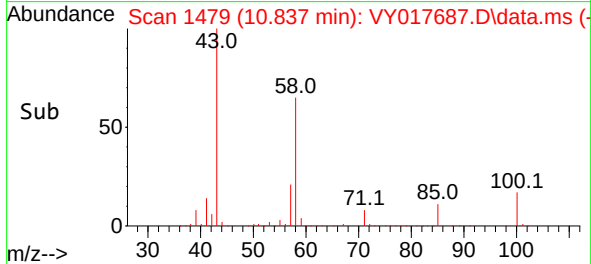
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 167419
Ion Ratio Lower Upper
43 100
58 64.3 31.4 94.0

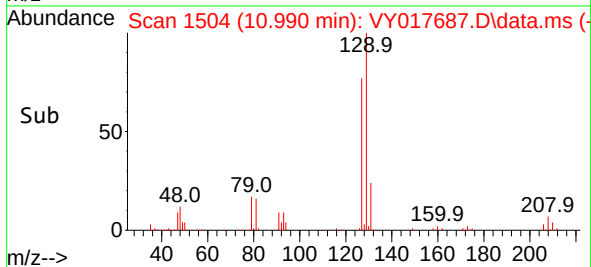
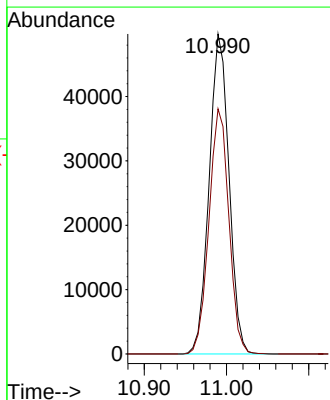
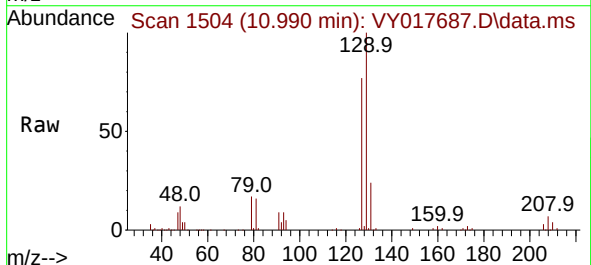
Manual Integrations
APPROVED

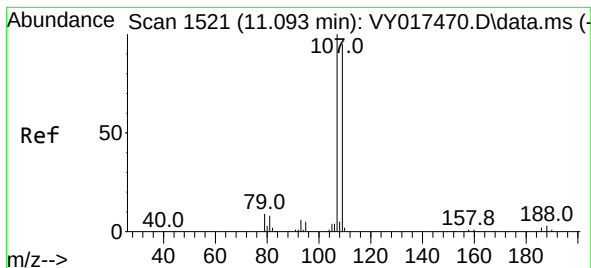
Reviewed By :Mahesh Dadoda 03/19/2024
Supervised By :Semsettin Yesilyurt 03/19/2024



#60
Dibromochloromethane
Concen: 50.671 ug/l
RT: 10.990 min Scan# 1504
Delta R.T. 0.000 min
Lab File: VY017687.D
Acq: 18 Mar 2024 14:21

Tgt Ion:129 Resp: 83239
Ion Ratio Lower Upper
129 100
127 77.0 39.0 117.0





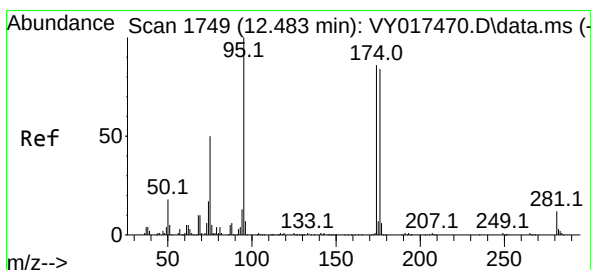
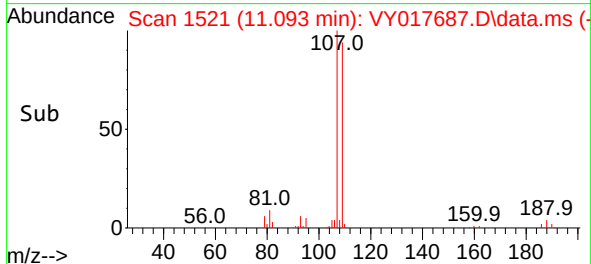
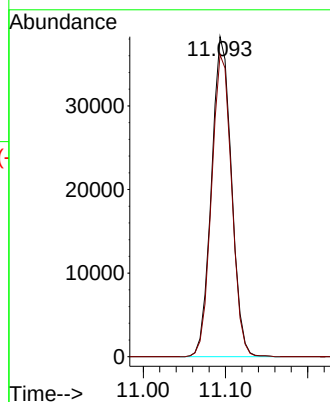
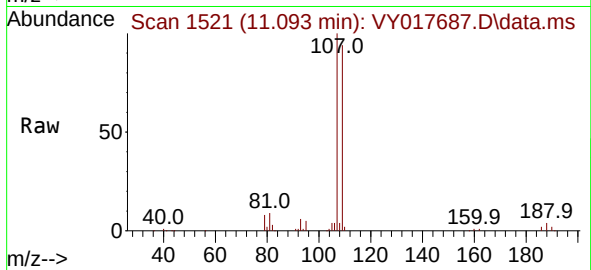
#61
1,2-Dibromoethane
Concen: 50.498 ug/l
RT: 11.093 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VY017687.D
Acq: 18 Mar 2024 14:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:107 Resp: 6462
Ion Ratio Lower Upper
107 100
109 94.9 75.9 113.9

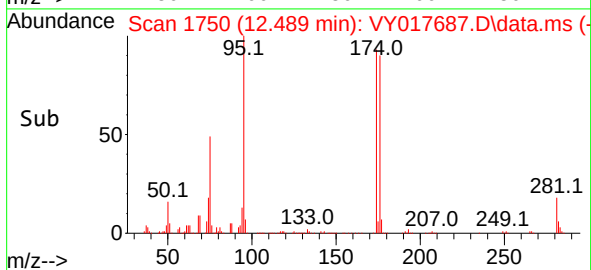
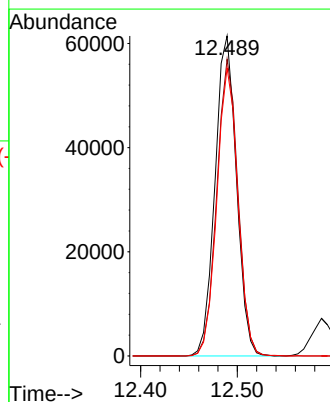
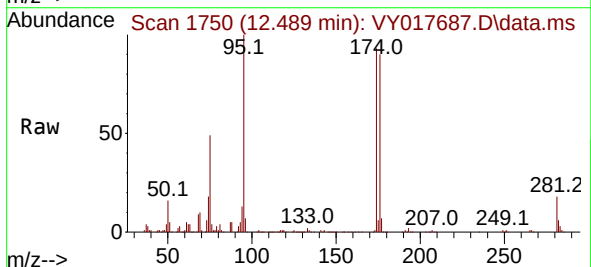
Manual Integrations
APPROVED

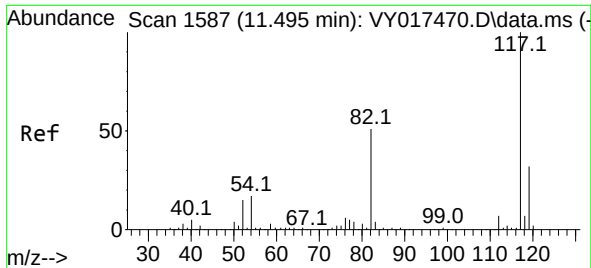
Reviewed By :Mahesh Dadoda 03/19/2024
Supervised By :Semsettin Yesilyurt 03/19/2024



#62
4-Bromofluorobenzene
Concen: 47.985 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY017687.D
Acq: 18 Mar 2024 14:21

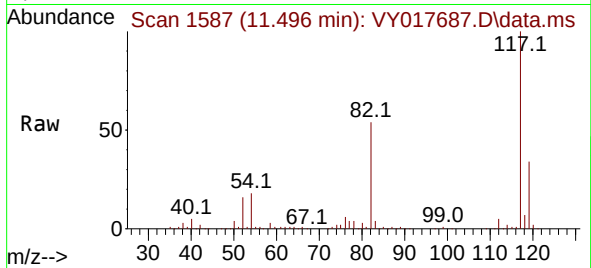
Tgt Ion: 95 Resp: 94522
Ion Ratio Lower Upper
95 100
174 91.6 0.0 175.6
176 88.4 0.0 171.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017687.D
Acq: 18 Mar 2024 14:21

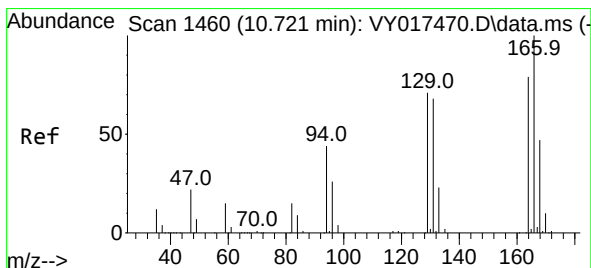
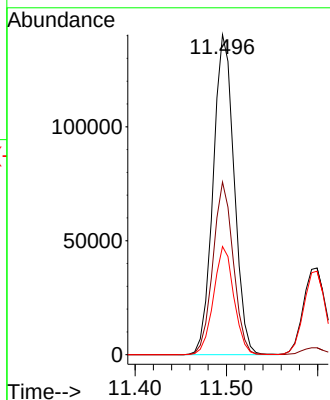
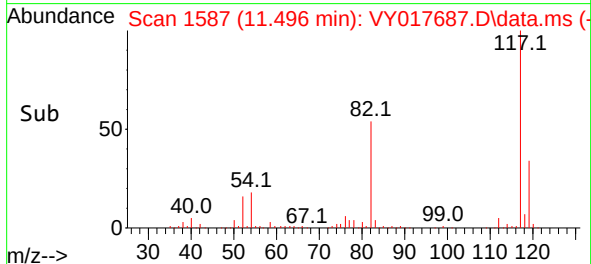
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



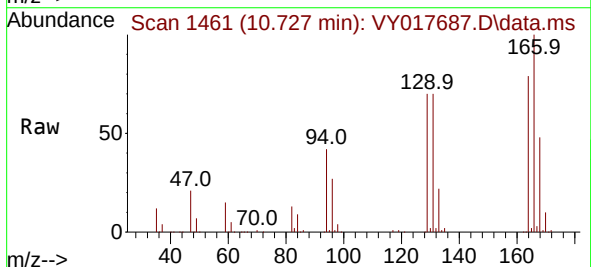
Tgt Ion:117 Resp: 22449
Ion Ratio Lower Upper
117 100
82 53.9 42.4 63.6
119 33.8 25.9 38.9

Manual Integrations
APPROVED

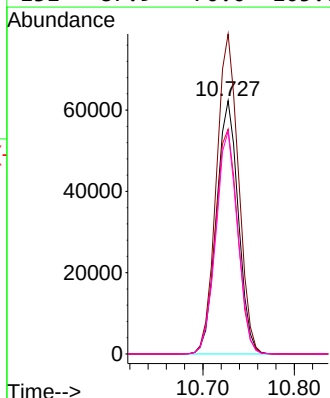
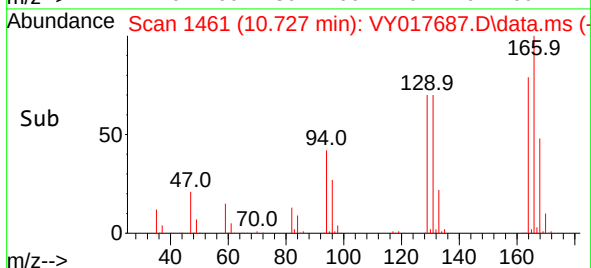
Reviewed By :Mahesh Dadoda 03/19/2024
Supervised By :Semsettin Yesilyurt 03/19/2024

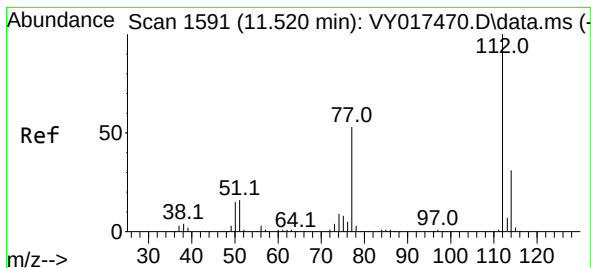


#64
Tetrachloroethene
Concen: 48.106 ug/l
RT: 10.727 min Scan# 1461
Delta R.T. 0.006 min
Lab File: VY017687.D
Acq: 18 Mar 2024 14:21



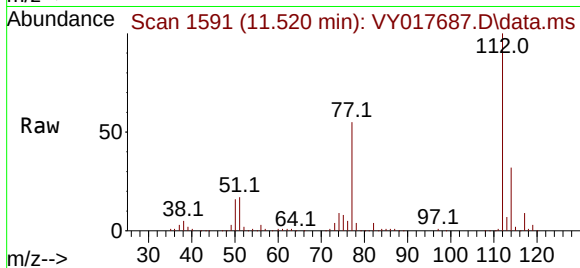
Tgt Ion:164 Resp: 103655
Ion Ratio Lower Upper
164 100
166 126.3 102.6 154.0
129 88.8 72.0 108.0
131 87.9 70.0 105.0





#65
Chlorobenzene
Concen: 51.434 ug/l
RT: 11.520 min Scan# 11591
Delta R.T. 0.000 min
Lab File: VY017687.D
Acq: 18 Mar 2024 14:21

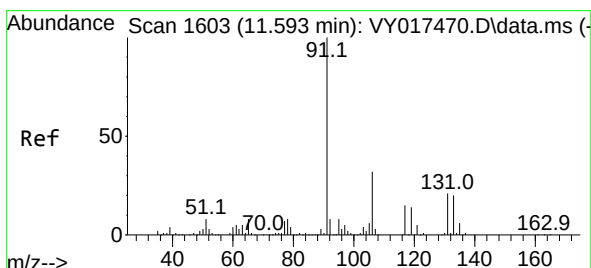
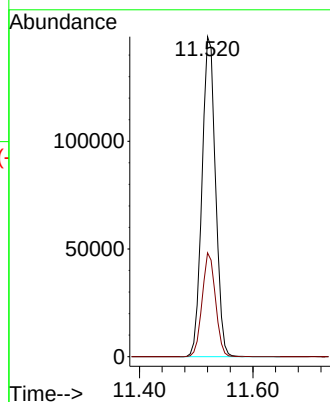
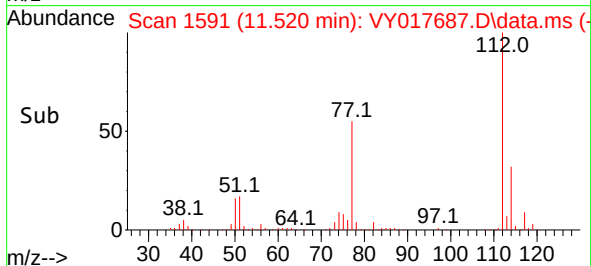
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



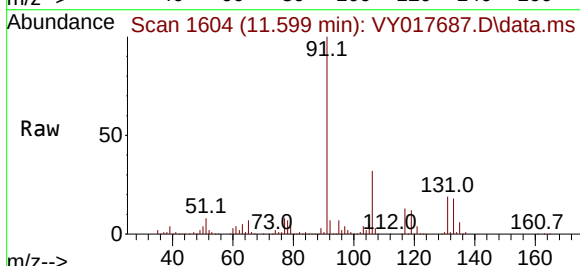
Tgt Ion:112 Resp: 245083
Ion Ratio Lower Upper
112 100
114 32.4 26.4 39.6

Manual Integrations
APPROVED

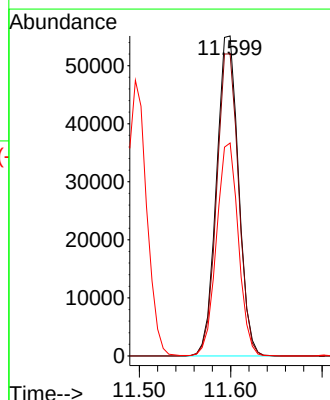
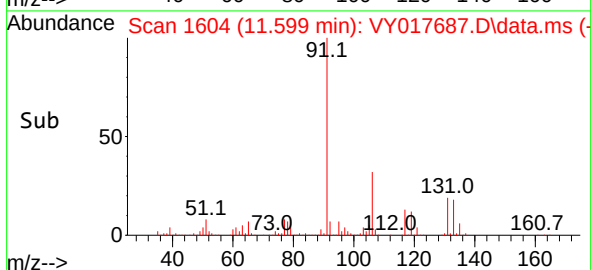
Reviewed By :Mahesh Dadoda 03/19/2024
Supervised By :Semsettin Yesilyurt 03/19/2024

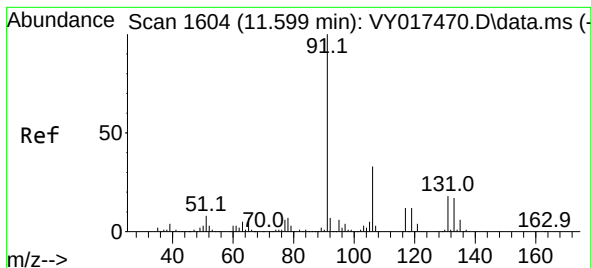


#66
1,1,1,2-Tetrachloroethane
Concen: 51.729 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. 0.006 min
Lab File: VY017687.D
Acq: 18 Mar 2024 14:21



Tgt Ion:131 Resp: 92344
Ion Ratio Lower Upper
131 100
133 94.3 47.8 143.3
119 66.2 34.1 102.2





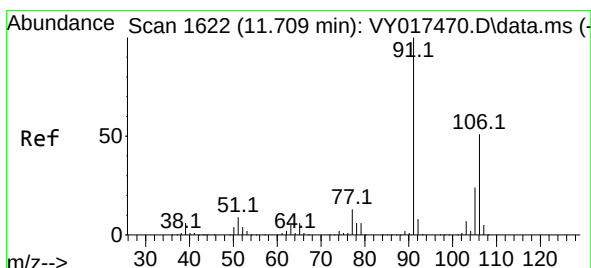
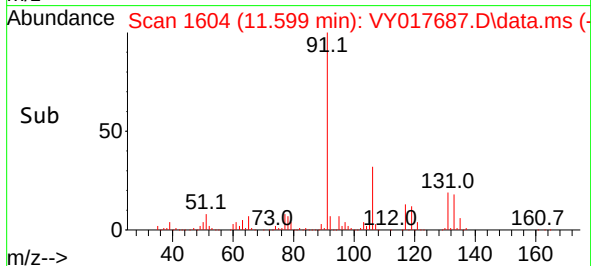
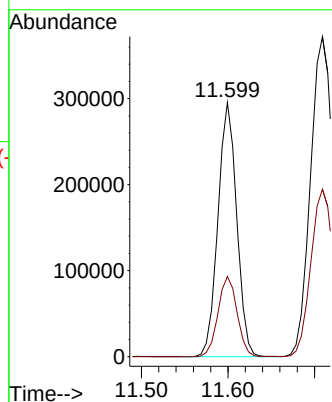
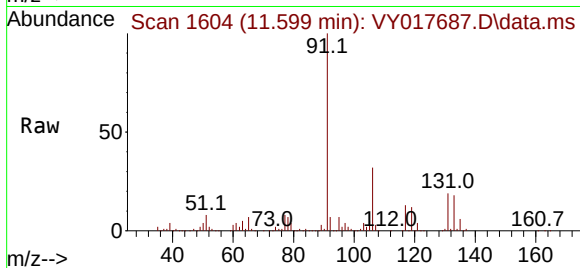
#67
Ethyl Benzene
Concen: 53.161 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. 0.000 min
Lab File: VY017687.D
Acq: 18 Mar 2024 14:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 444250
Ion Ratio Lower Upper
91 100
106 31.5 24.5 36.7

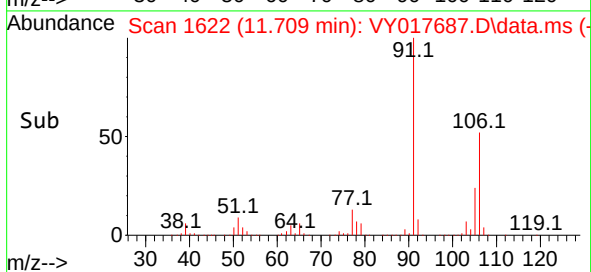
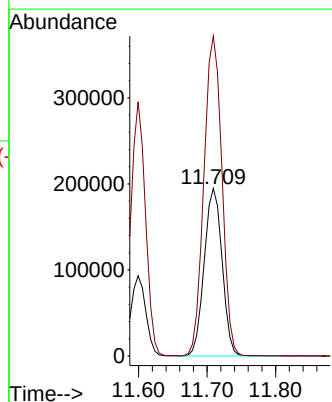
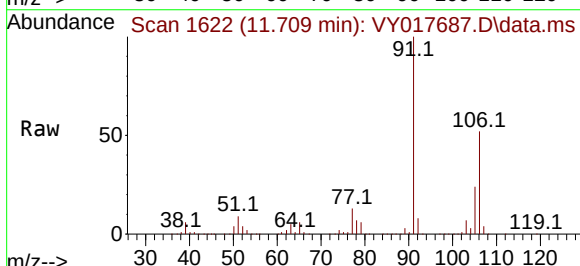
Manual Integrations
APPROVED

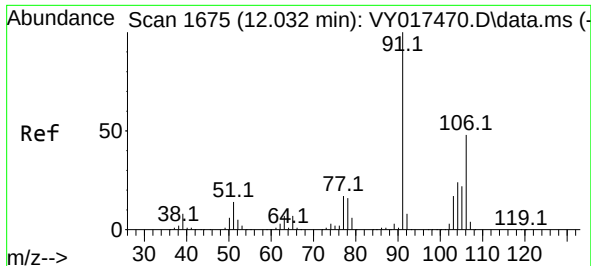
Reviewed By :Mahesh Dadoda 03/19/2024
Supervised By :Semsettin Yesilyurt 03/19/2024



#68
m/p-Xylenes
Concen: 107.816 ug/l
RT: 11.709 min Scan# 1622
Delta R.T. 0.000 min
Lab File: VY017687.D
Acq: 18 Mar 2024 14:21

Tgt Ion:106 Resp: 354033
Ion Ratio Lower Upper
106 100
91 192.5 156.0 234.0





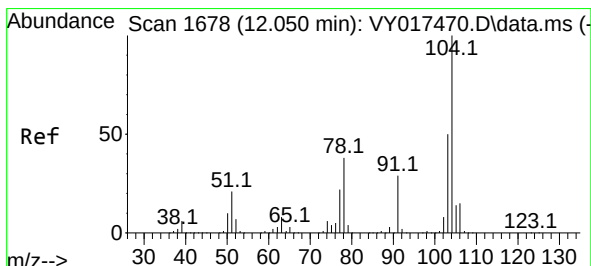
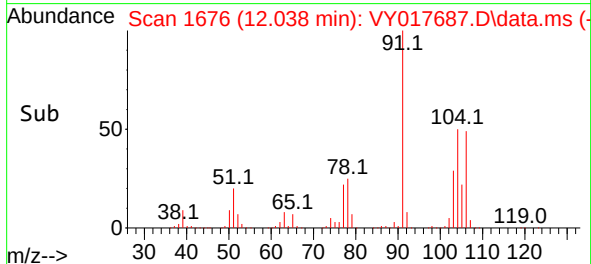
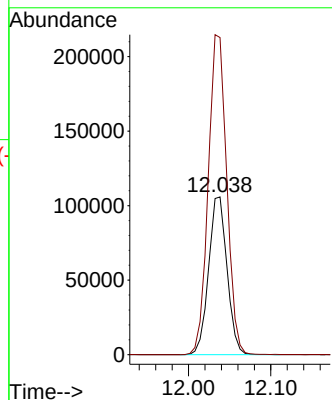
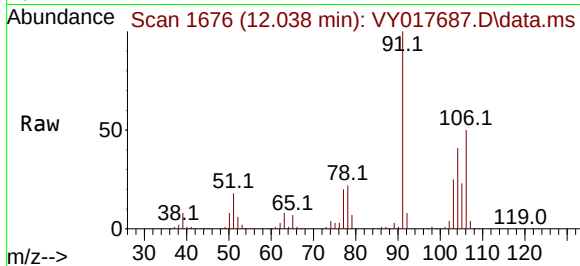
#69
o-Xylene
Concen: 54.096 ug/l
RT: 12.038 min Scan# 1675
Delta R.T. 0.006 min
Lab File: VY017687.D
Acq: 18 Mar 2024 14:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 16479
Ion Ratio Lower Upper
106 100
91 203.7 103.6 310.8

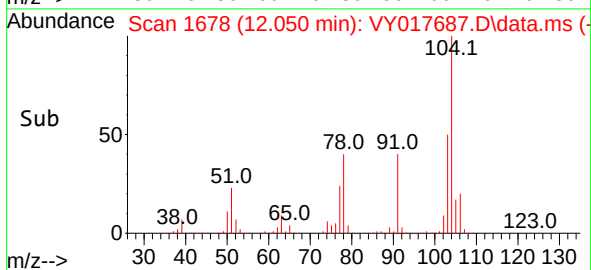
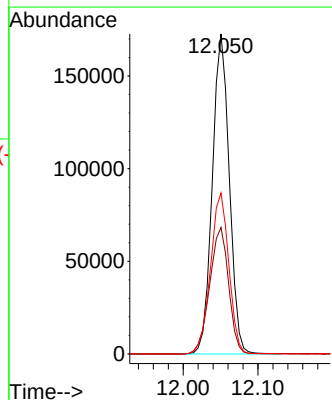
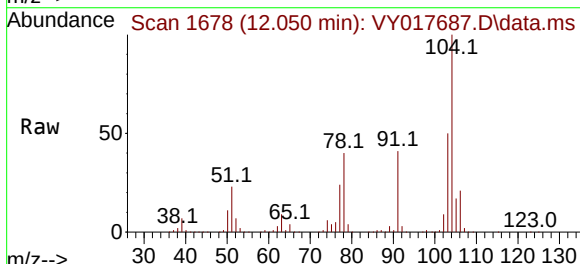
Manual Integrations
APPROVED

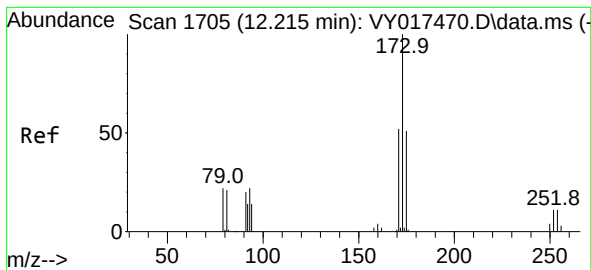
Reviewed By :Mahesh Dadoda 03/19/2024
Supervised By :Semsettin Yesilyurt 03/19/2024



#70
Styrene
Concen: 53.897 ug/l
RT: 12.050 min Scan# 1678
Delta R.T. 0.000 min
Lab File: VY017687.D
Acq: 18 Mar 2024 14:21

Tgt Ion:104 Resp: 272542
Ion Ratio Lower Upper
104 100
78 44.1 37.0 55.4
103 54.4 44.2 66.2





#71

Bromoform

Concen: 52.444 ug/l

RT: 12.215 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY017687.D

Acq: 18 Mar 2024 14:21

Instrument :

MSVOA_Y

ClientSampleId :

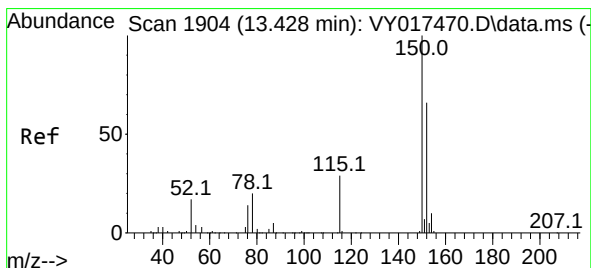
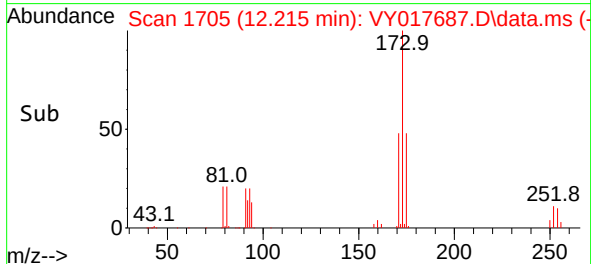
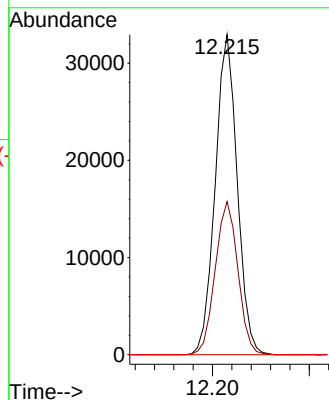
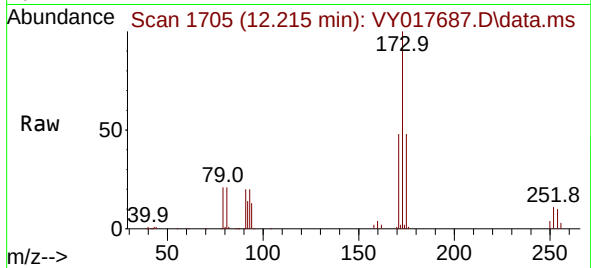
VSTDCCC050

Tgt Ion:173 Resp: 51879
 Ion Ratio Lower Upper
 173 100
 175 49.3 25.1 75.3
 254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/19/2024
 Supervised By :Semsettin Yesilyurt 03/19/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

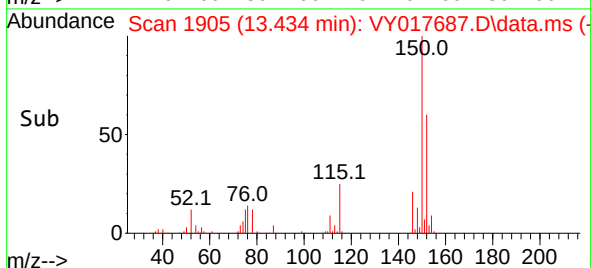
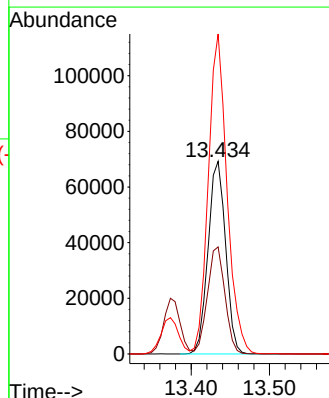
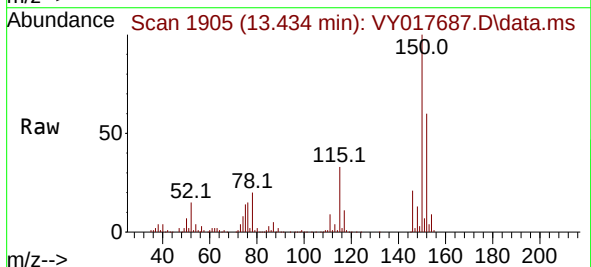
RT: 13.434 min Scan# 1905

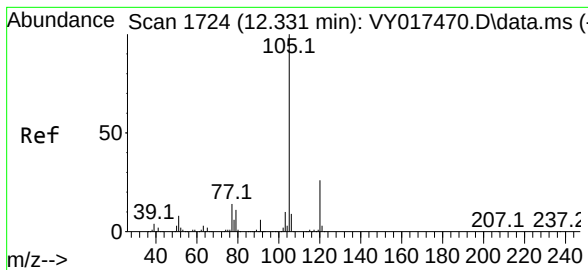
Delta R.T. 0.006 min

Lab File: VY017687.D

Acq: 18 Mar 2024 14:21

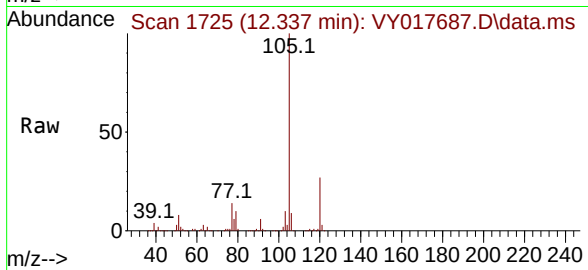
Tgt Ion:152 Resp: 107738
 Ion Ratio Lower Upper
 152 100
 115 55.4 28.2 84.7
 150 176.7 0.0 345.6





#73
Isopropylbenzene
Concen: 53.977 ug/l
RT: 12.337 min Scan# 1725
Delta R.T. 0.006 min
Lab File: VY017687.D
Acq: 18 Mar 2024 14:21

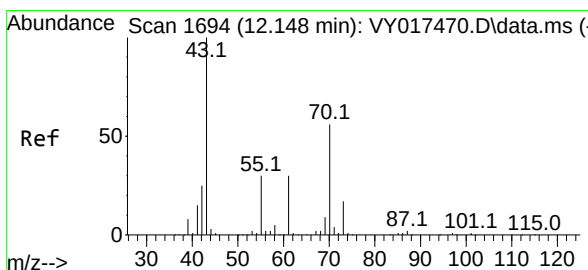
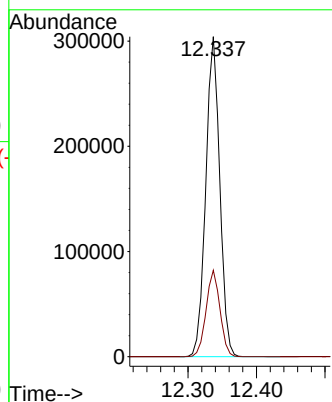
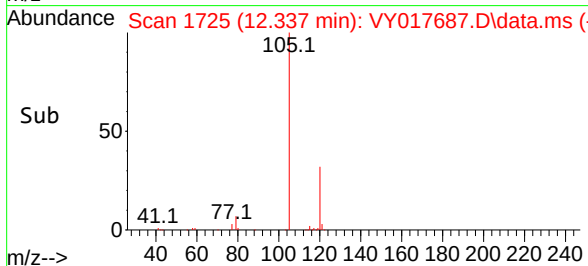
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion:105 Resp: 43204
Ion Ratio Lower Upper
105 100
120 26.8 13.4 40.1

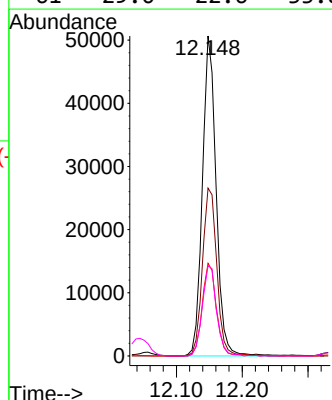
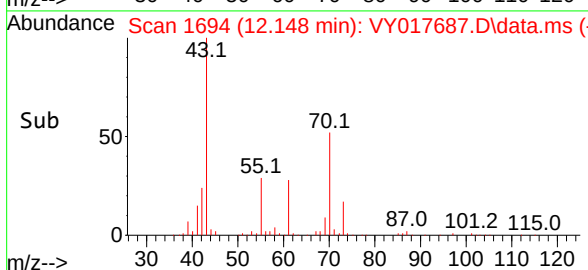
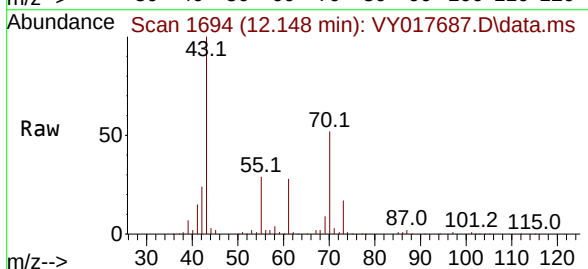
Manual Integrations
APPROVED

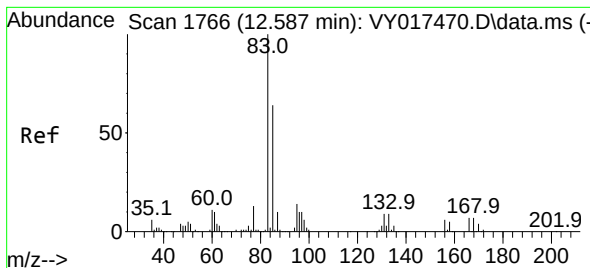
Reviewed By :Mahesh Dadoda 03/19/2024
Supervised By :Semsettin Yesilyurt 03/19/2024



#74
N-ethyl acetate
Concen: 52.152 ug/l
RT: 12.148 min Scan# 1694
Delta R.T. 0.000 min
Lab File: VY017687.D
Acq: 18 Mar 2024 14:21

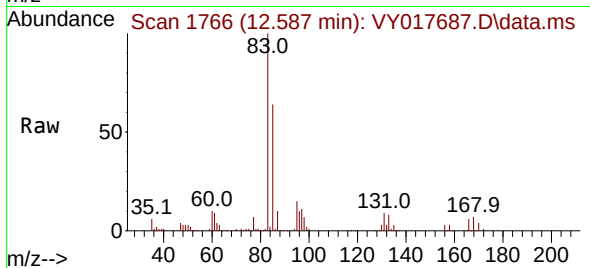
Tgt Ion: 43 Resp: 73624
Ion Ratio Lower Upper
43 100
70 55.0 41.4 62.2
55 30.0 23.3 34.9
61 29.0 22.6 33.8





#75
1,1,2,2-Tetrachloroethane
Concen: 53.581 ug/l
RT: 12.587 min Scan# 1766
Delta R.T. 0.000 min
Lab File: VY017687.D
Acq: 18 Mar 2024 14:21

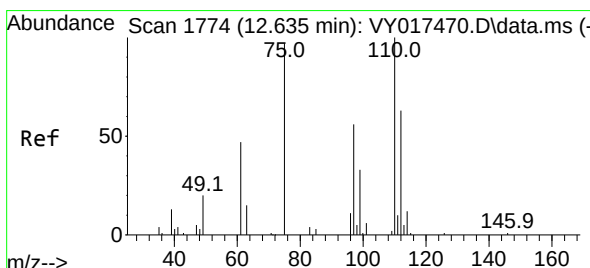
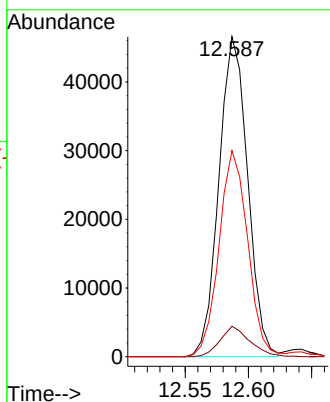
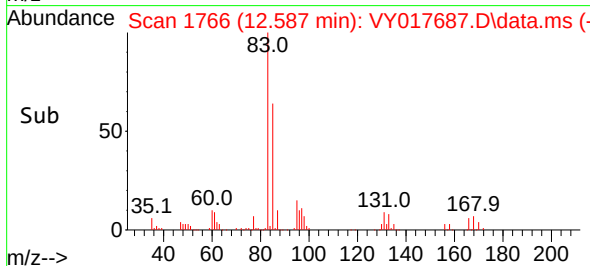
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 7364
Ion Ratio Lower Upper
83 100
131 9.8 5.0 14.9
85 64.2 32.0 96.0

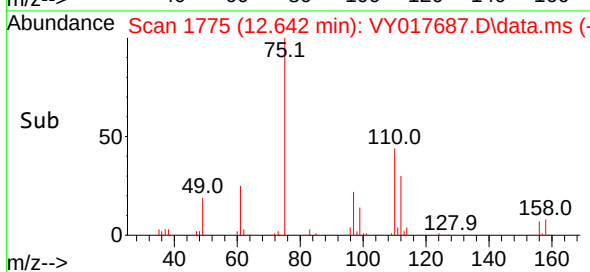
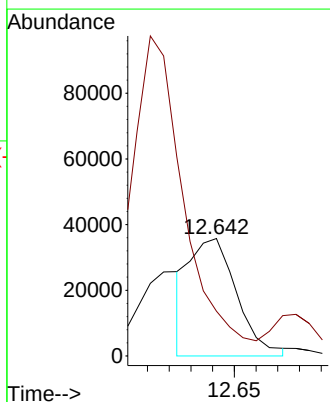
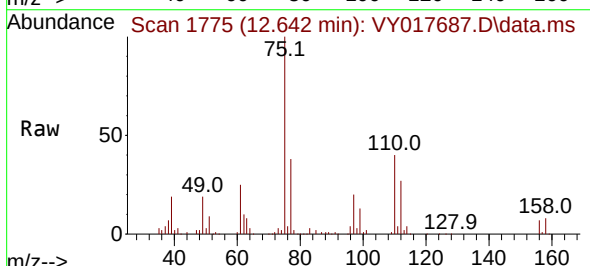
Manual Integrations
APPROVED

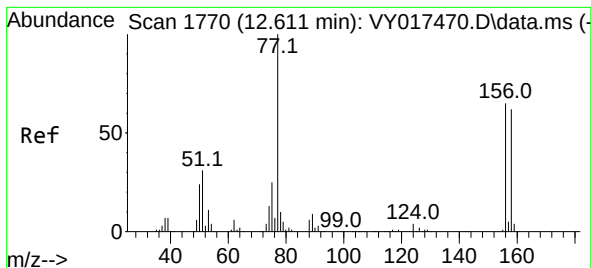
Reviewed By :Mahesh Dadoda 03/19/2024
Supervised By :Semsettin Yesilyurt 03/19/2024



#76
1,2,3-Trichloropropane
Concen: 53.091 ug/l m
RT: 12.642 min Scan# 1775
Delta R.T. 0.006 min
Lab File: VY017687.D
Acq: 18 Mar 2024 14:21

Tgt Ion: 75 Resp: 54348
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 51.199 ug/l

RT: 12.617 min Scan# 1771

Delta R.T. 0.006 min

Lab File: VY017687.D

Acq: 18 Mar 2024 14:21

Instrument :

MSVOA_Y

ClientSampleId :

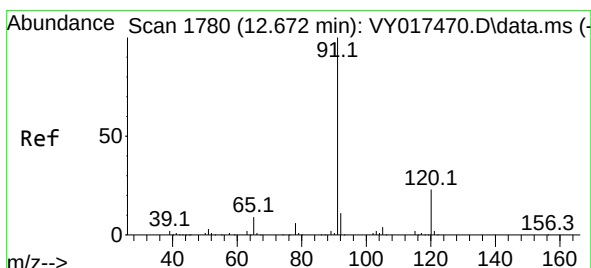
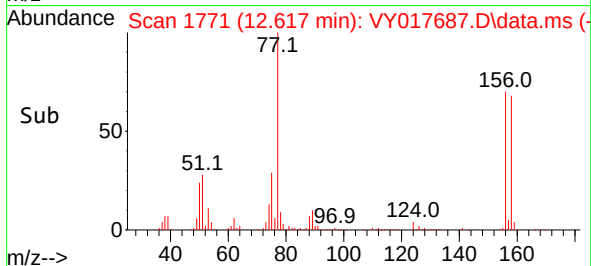
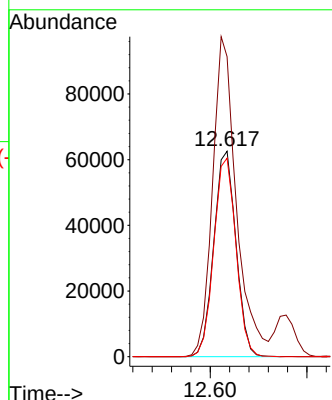
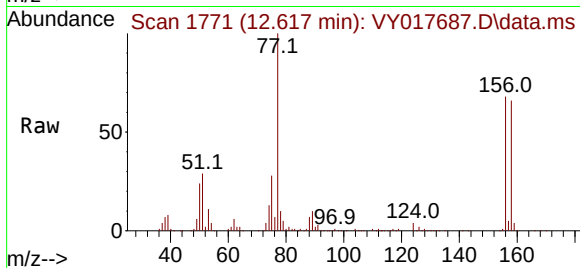
VSTDCCC050

Tgt Ion:156 Resp: 99243
 Ion Ratio Lower Upper
 156 100
 77 167.8 87.1 261.3
 158 96.8 48.6 145.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/19/2024
 Supervised By :Semsettin Yesilyurt 03/19/2024



#78

n-propylbenzene

Concen: 54.399 ug/l

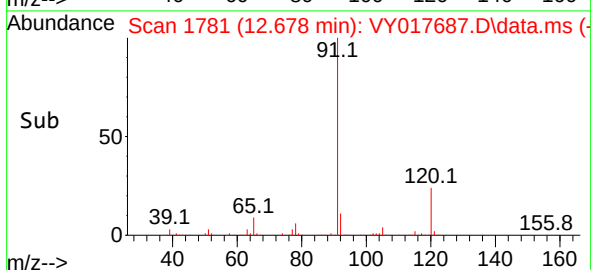
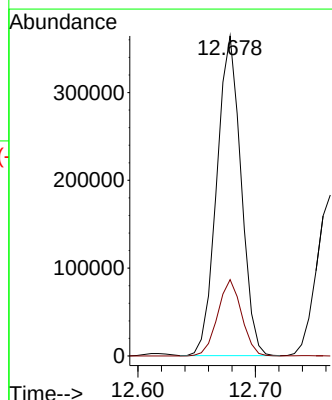
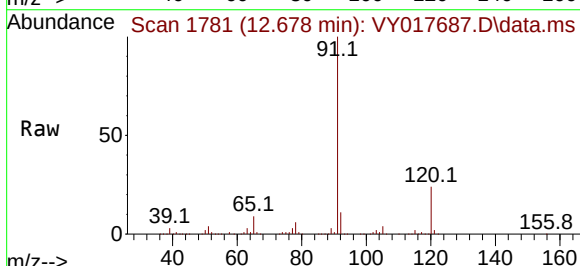
RT: 12.678 min Scan# 1781

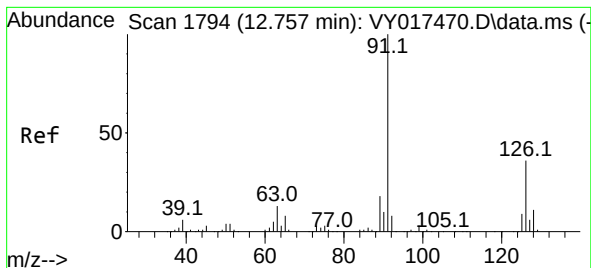
Delta R.T. 0.006 min

Lab File: VY017687.D

Acq: 18 Mar 2024 14:21

Tgt Ion: 91 Resp: 522467
 Ion Ratio Lower Upper
 91 100
 120 23.5 11.5 34.4





#79

2-Chlorotoluene

Concen: 52.064 ug/l

RT: 12.764 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY017687.D

Acq: 18 Mar 2024 14:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 27995

Ion Ratio Lower Upper

91 100

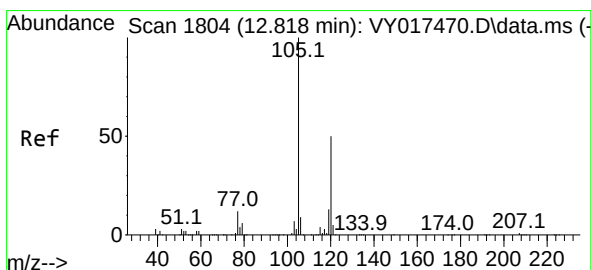
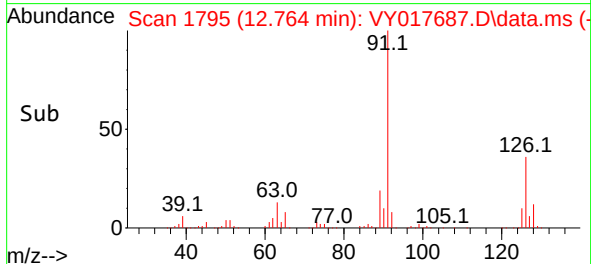
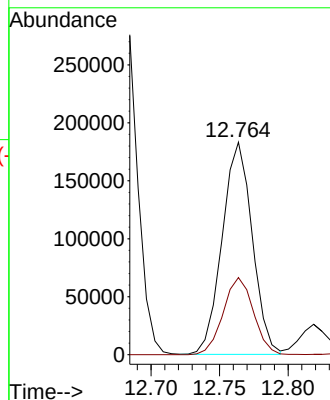
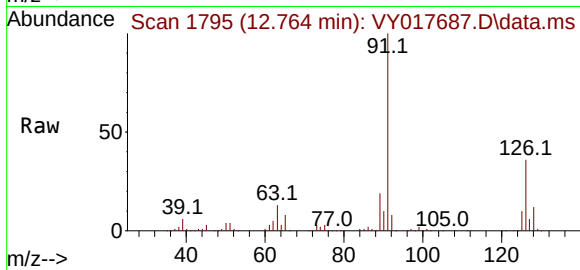
126 36.5 17.8 53.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/19/2024

Supervised By :Semsettin Yesilyurt 03/19/2024



#80

1,3,5-Trimethylbenzene

Concen: 54.414 ug/l

RT: 12.819 min Scan# 1804

Delta R.T. 0.000 min

Lab File: VY017687.D

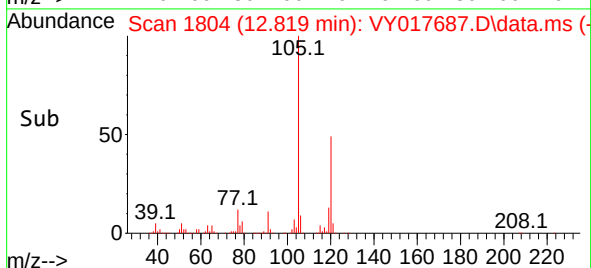
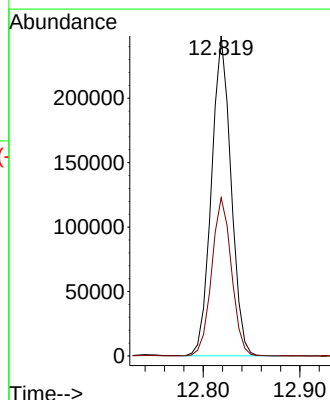
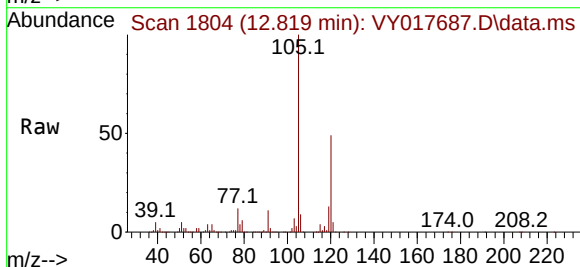
Acq: 18 Mar 2024 14:21

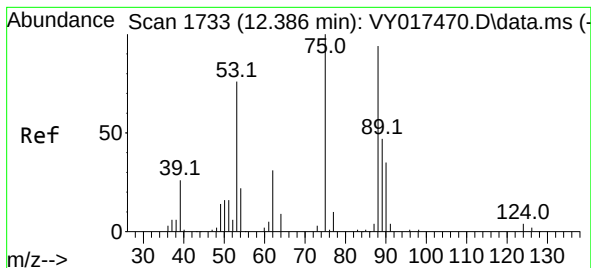
Tgt Ion:105 Resp: 348942

Ion Ratio Lower Upper

105 100

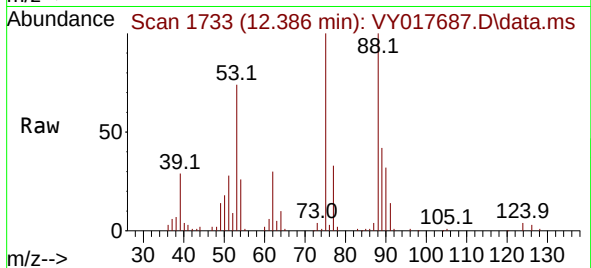
120 50.0 25.1 75.2





#81
trans-1,4-Dichloro-2-butene
Concen: 53.431 ug/l
RT: 12.386 min Scan# 1733
Delta R.T. 0.000 min
Lab File: VY017687.D
Acq: 18 Mar 2024 14:21

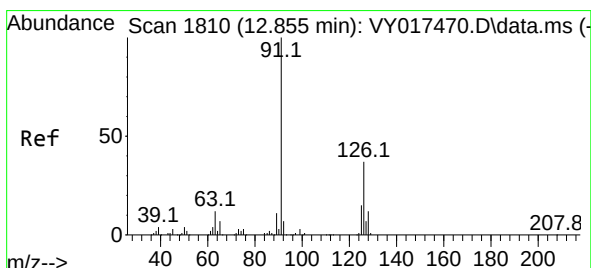
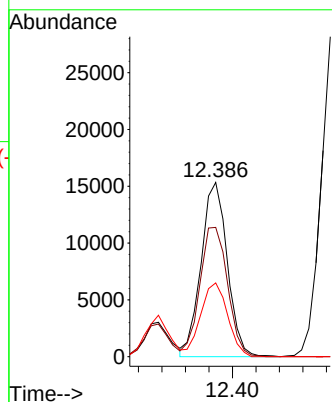
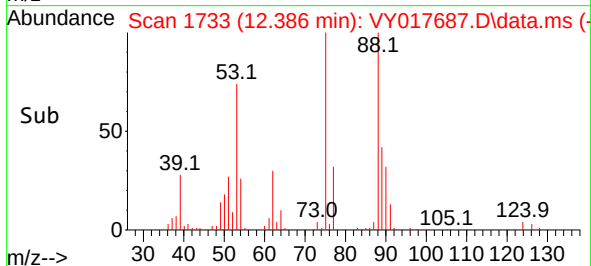
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 23804
Ion Ratio Lower Upper
75 100
53 78.5 66.8 100.2
89 43.8 35.8 53.6

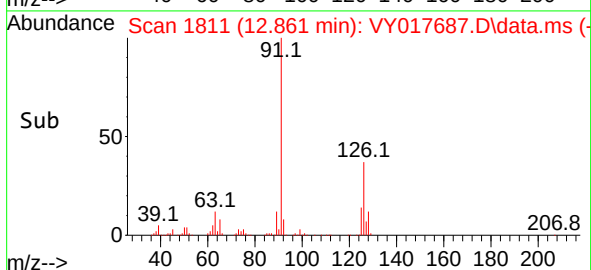
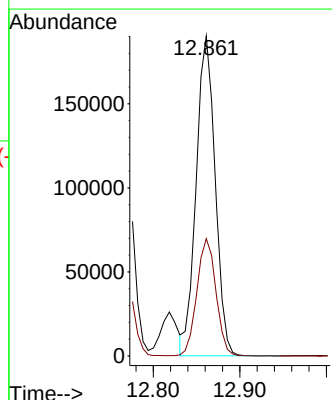
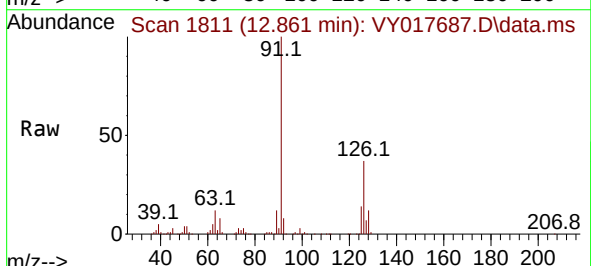
Manual Integrations
APPROVED

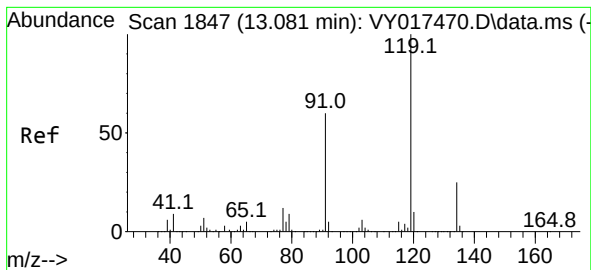
Reviewed By :Mahesh Dadoda 03/19/2024
Supervised By :Semsettin Yesilyurt 03/19/2024



#82
4-Chlorotoluene
Concen: 52.662 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. 0.006 min
Lab File: VY017687.D
Acq: 18 Mar 2024 14:21

Tgt Ion: 91 Resp: 289634
Ion Ratio Lower Upper
91 100
126 36.9 17.6 52.9





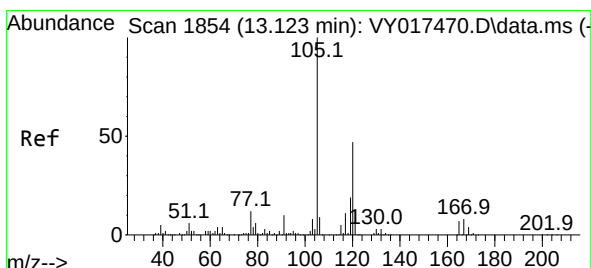
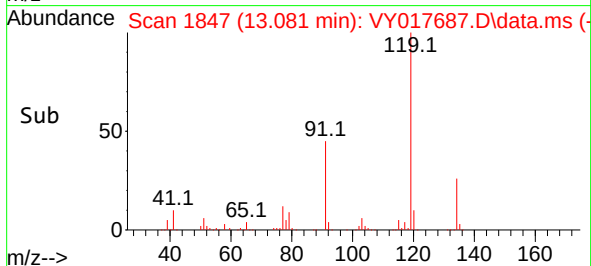
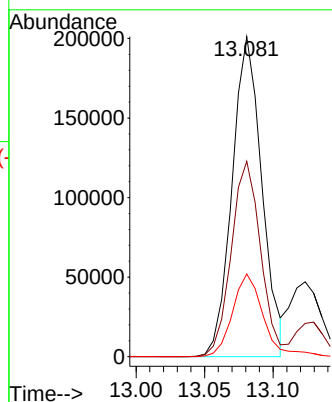
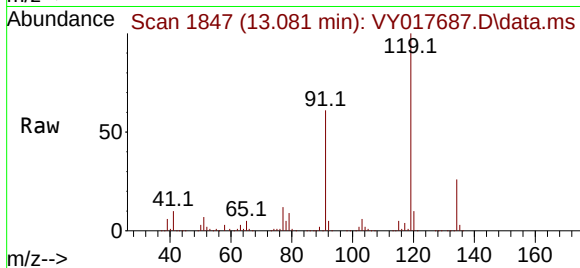
#83
tert-Butylbenzene
Concen: 54.099 ug/l
RT: 13.081 min Scan# 1847
Delta R.T. 0.000 min
Lab File: VY017687.D
Acq: 18 Mar 2024 14:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:119 Resp: 304639
Ion Ratio Lower Upper
119 100
91 60.0 31.3 93.8
134 26.8 13.4 40.1

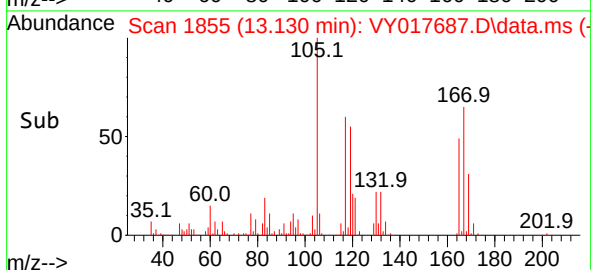
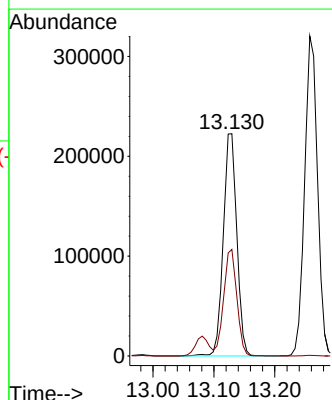
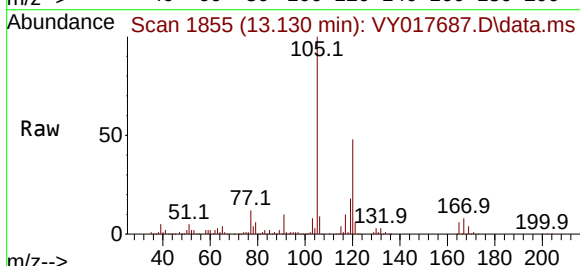
Manual Integrations
APPROVED

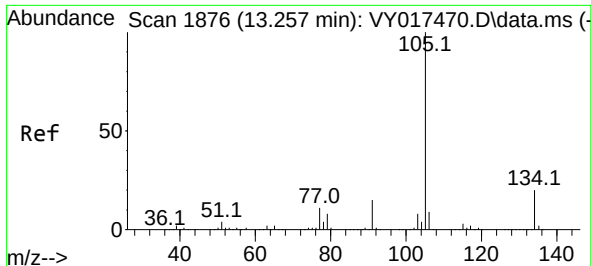
Reviewed By :Mahesh Dadoda 03/19/2024
Supervised By :Semsettin Yesilyurt 03/19/2024



#84
1,2,4-Trimethylbenzene
Concen: 54.180 ug/l
RT: 13.130 min Scan# 1855
Delta R.T. 0.006 min
Lab File: VY017687.D
Acq: 18 Mar 2024 14:21

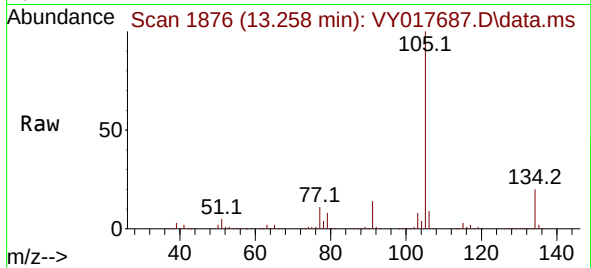
Tgt Ion:105 Resp: 343010
Ion Ratio Lower Upper
105 100
120 46.7 23.2 69.6





#85
 sec-Butylbenzene
 Concen: 54.508 ug/l
 RT: 13.258 min Scan# 1876
 Delta R.T. 0.000 min
 Lab File: VY017687.D
 Acq: 18 Mar 2024 14:21

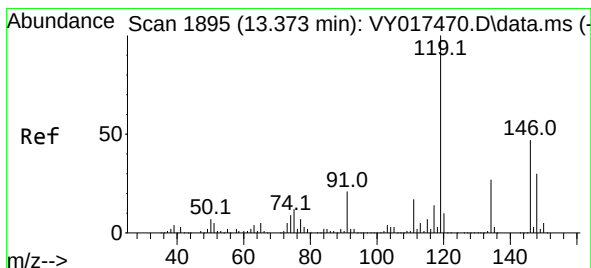
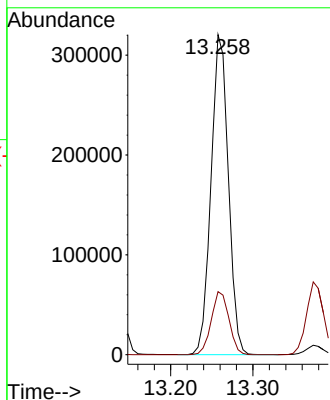
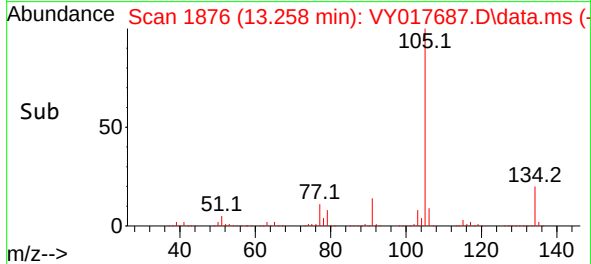
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050



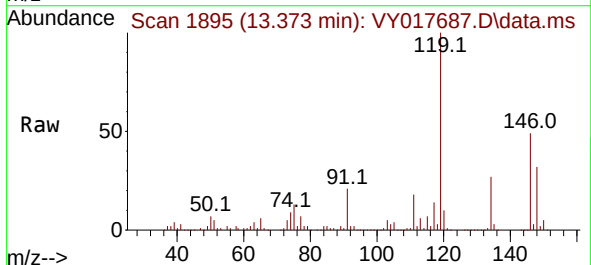
Tgt Ion:105 Resp: 46928
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.1 30.1

Manual Integrations
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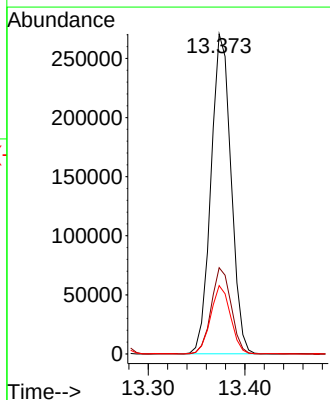
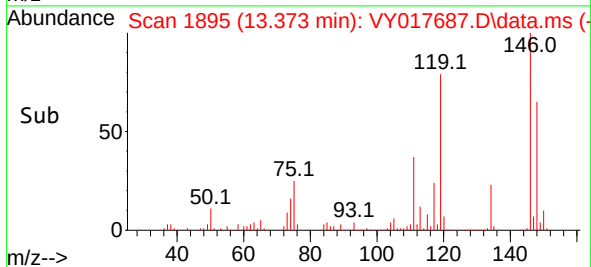
Reviewed By :Mahesh Dadoda 03/19/2024
 Supervised By :Semsettin Yesilyurt 03/19/2024

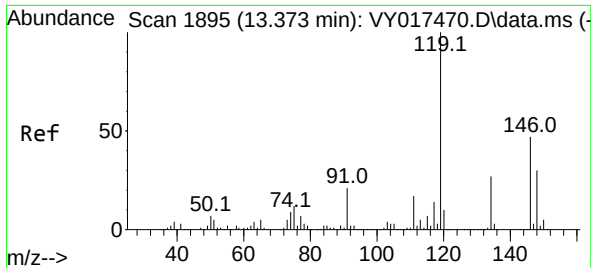


#86
 p-Isopropyltoluene
 Concen: 55.247 ug/l
 RT: 13.373 min Scan# 1895
 Delta R.T. 0.000 min
 Lab File: VY017687.D
 Acq: 18 Mar 2024 14:21



Tgt Ion:119 Resp: 389365
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.1 39.3
 91 21.1 10.7 32.1





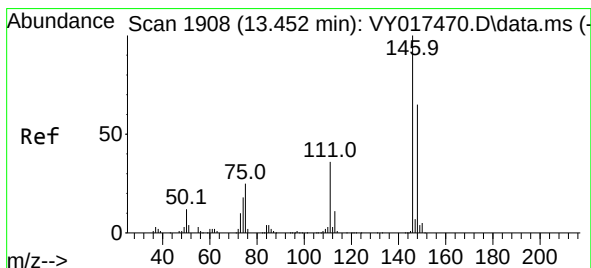
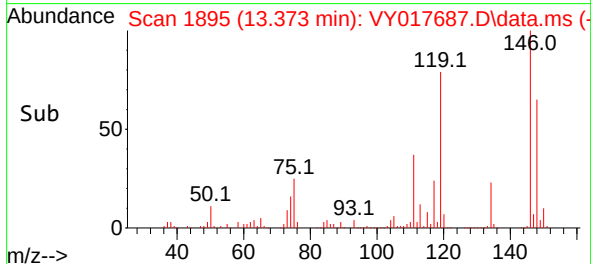
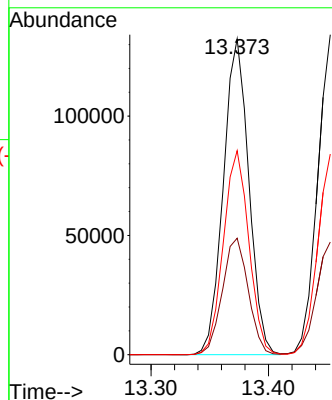
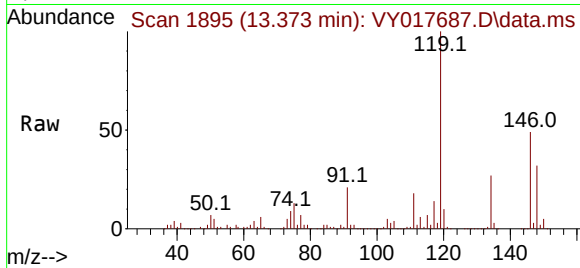
#87
1,3-Dichlorobenzene
Concen: 51.305 ug/l
RT: 13.373 min Scan# 1895
Delta R.T. 0.000 min
Lab File: VY017687.D
Acq: 18 Mar 2024 14:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 199614
Ion Ratio Lower Upper
146 100
111 37.6 19.0 57.0
148 64.7 31.7 95.1

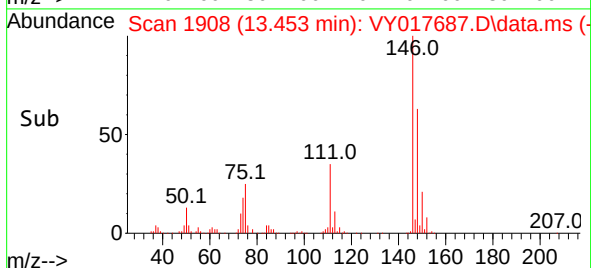
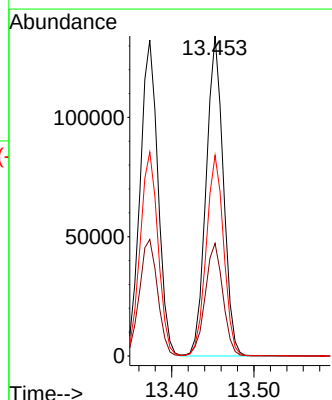
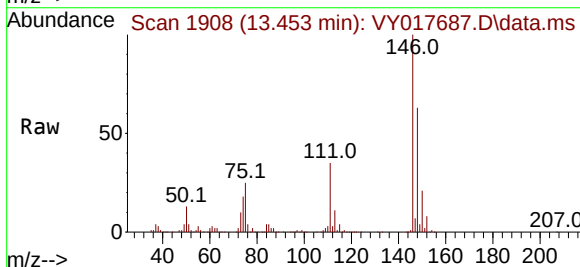
Manual Integrations
APPROVED

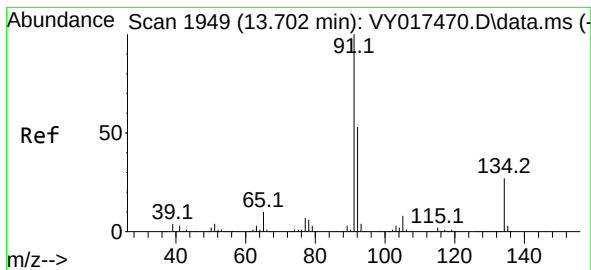
Reviewed By :Mahesh Dadoda 03/19/2024
Supervised By :Semsettin Yesilyurt 03/19/2024



#88
1,4-Dichlorobenzene
Concen: 51.600 ug/l
RT: 13.453 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VY017687.D
Acq: 18 Mar 2024 14:21

Tgt Ion:146 Resp: 195182
Ion Ratio Lower Upper
146 100
111 36.0 18.4 55.4
148 63.4 32.4 97.2





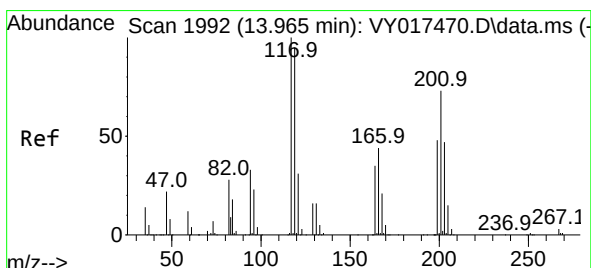
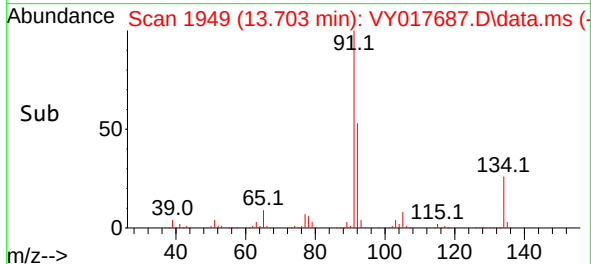
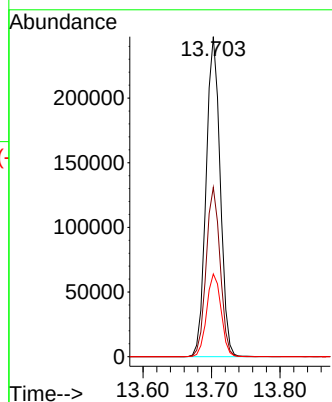
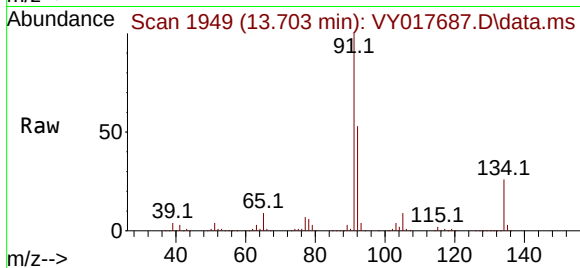
#89
n-Butylbenzene
Concen: 55.082 ug/l
RT: 13.703 min Scan# 1949
Delta R.T. 0.000 min
Lab File: VY017687.D
Acq: 18 Mar 2024 14:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 35418
Ion Ratio Lower Upper
91 100
92 52.6 26.6 79.7
134 26.4 12.9 38.7

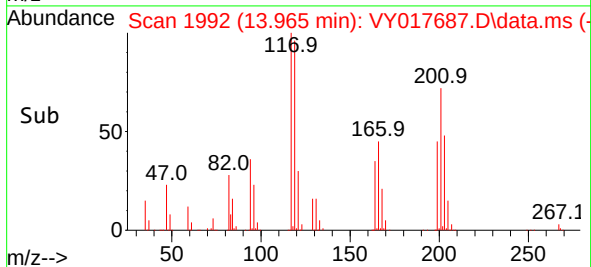
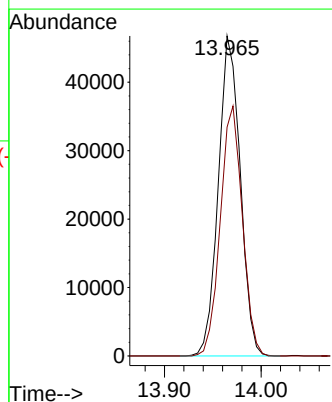
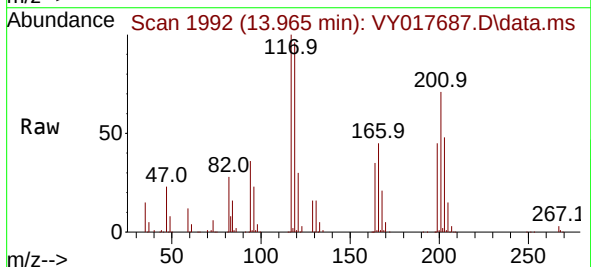
Manual Integrations
APPROVED

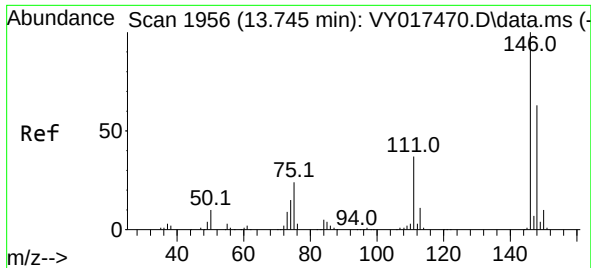
Reviewed By :Mahesh Dadoda 03/19/2024
Supervised By :Semsettin Yesilyurt 03/19/2024



#90
Hexachloroethane
Concen: 51.993 ug/l
RT: 13.965 min Scan# 1992
Delta R.T. 0.000 min
Lab File: VY017687.D
Acq: 18 Mar 2024 14:21

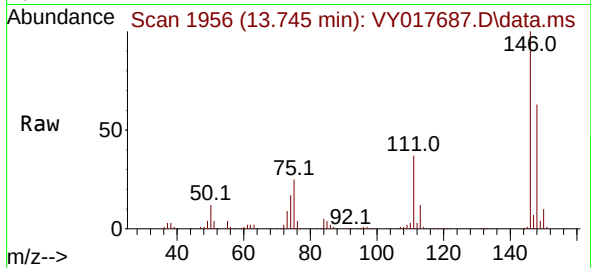
Tgt Ion:117 Resp: 73463
Ion Ratio Lower Upper
117 100
201 78.4 37.4 112.2





#91
1,2-Dichlorobenzene
Concen: 52.165 ug/l
RT: 13.745 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VY017687.D
Acq: 18 Mar 2024 14:21

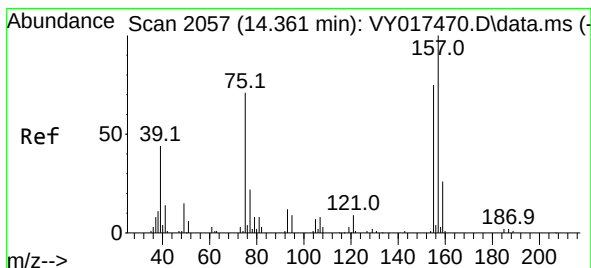
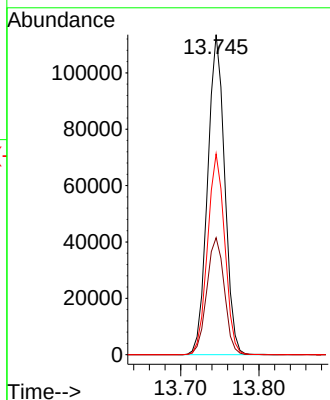
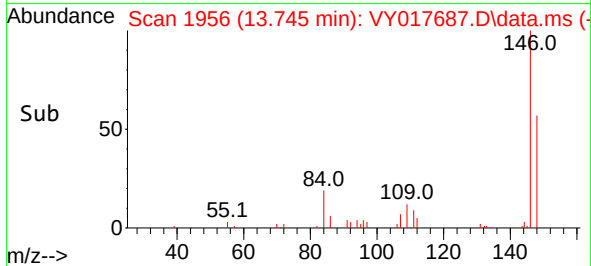
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



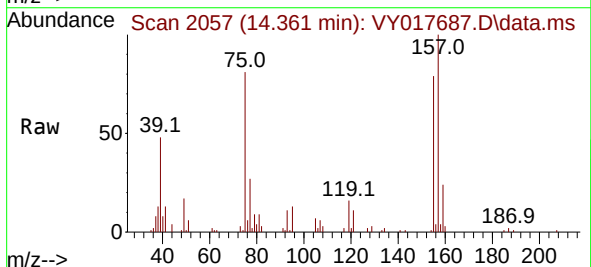
Tgt Ion:146 Resp: 171670
Ion Ratio Lower Upper
146 100
111 37.6 19.9 59.7
148 63.2 31.8 95.4

Manual Integrations
APPROVED

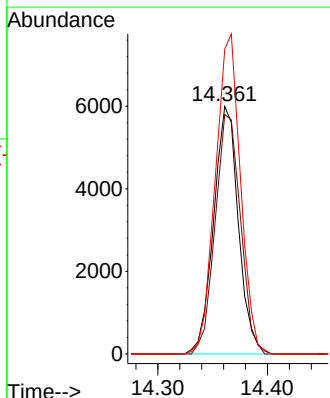
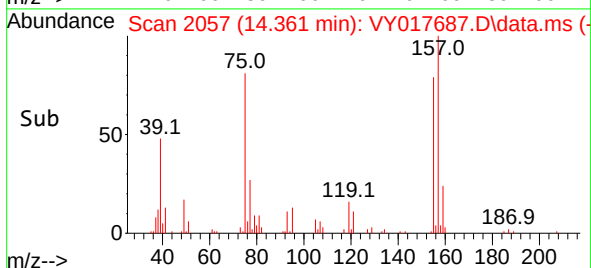
Reviewed By :Mahesh Dadoda 03/19/2024
Supervised By :Semsettin Yesilyurt 03/19/2024

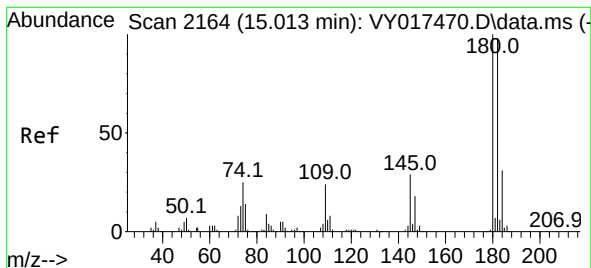


#92
1,2-Dibromo-3-Chloropropane
Concen: 48.714 ug/l
RT: 14.361 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VY017687.D
Acq: 18 Mar 2024 14:21



Tgt Ion: 75 Resp: 9413
Ion Ratio Lower Upper
75 100
155 98.6 48.6 145.8
157 130.9 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 53.213 ug/l

RT: 15.013 min Scan# 2164

Delta R.T. 0.000 min

Lab File: VY017687.D

Acq: 18 Mar 2024 14:21

Instrument :

MSVOA_Y

ClientSampleId :

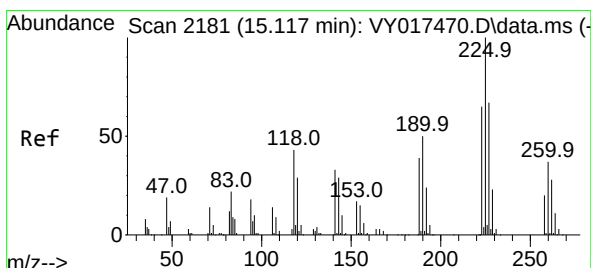
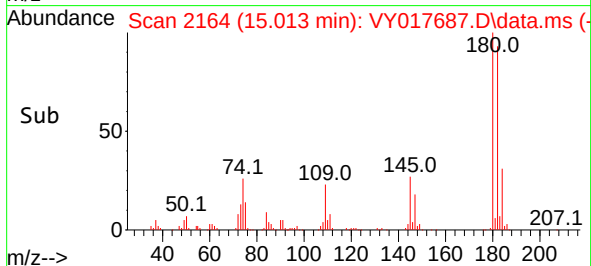
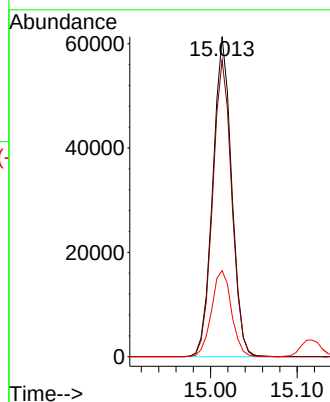
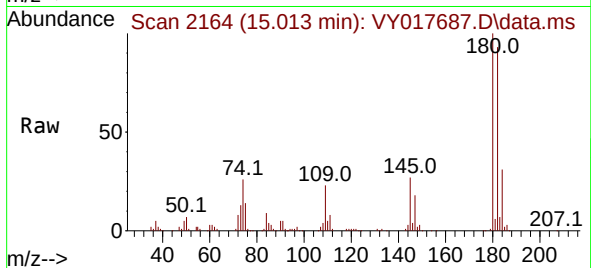
VSTDCCC050

Tgt Ion:180	Resp:	9250
Ion Ratio	Lower	Upper
180	100	
182	93.9	47.9 143.8
145	28.5	14.2 42.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/19/2024
Supervised By :Semsettin Yesilyurt 03/19/2024



#94

Hexachlorobutadiene

Concen: 51.909 ug/l

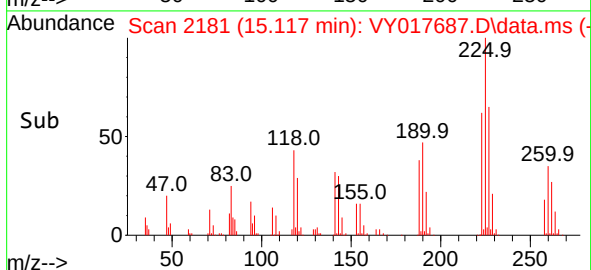
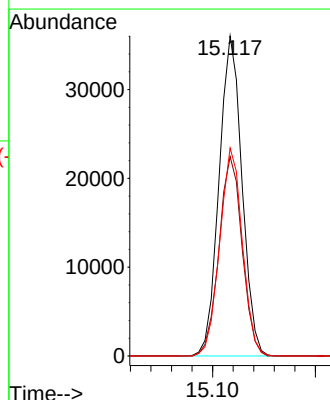
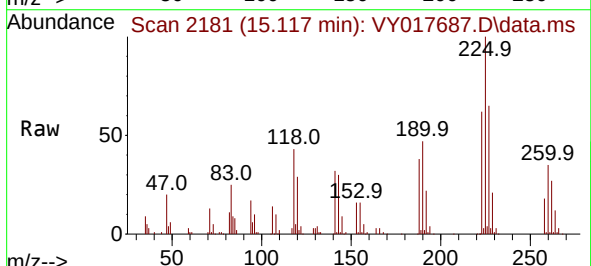
RT: 15.117 min Scan# 2181

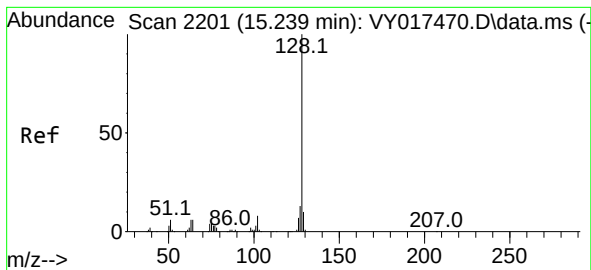
Delta R.T. 0.000 min

Lab File: VY017687.D

Acq: 18 Mar 2024 14:21

Tgt Ion:225	Resp:	55711
Ion Ratio	Lower	Upper
225	100	
223	62.8	30.4 91.2
227	64.2	31.9 95.9





#95

Naphthalene

Concen: 47.026 ug/l

RT: 15.245 min Scan# 21

Delta R.T. 0.006 min

Lab File: VY017687.D

Acq: 18 Mar 2024 14:21

Instrument :

MSVOA_Y

ClientSampleId :

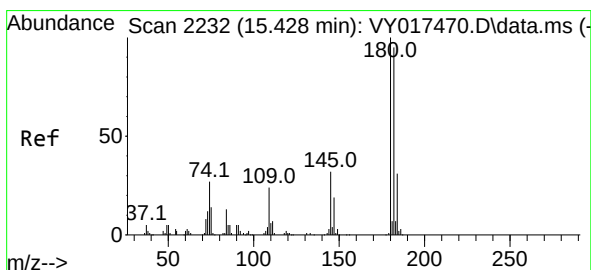
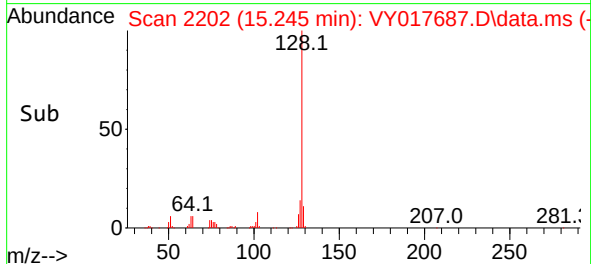
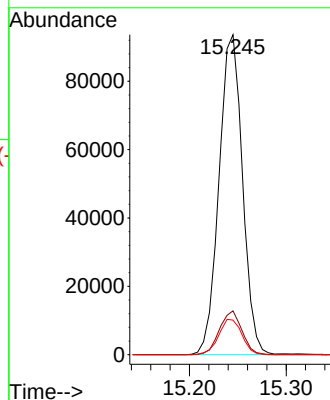
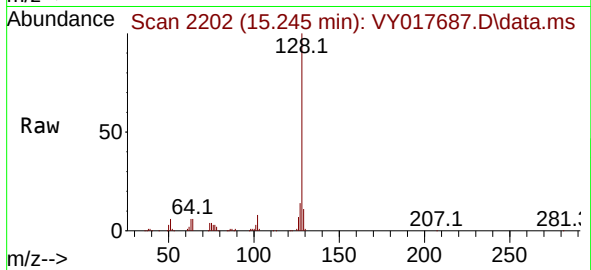
VSTDCCC050

Tgt Ion:	128	Resp:	15754
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.6	16.0
129	10.9	8.6	13.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/19/2024
Supervised By :Semsettin Yesilyurt 03/19/2024



#96

1,2,3-Trichlorobenzene

Concen: 52.357 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY017687.D

Acq: 18 Mar 2024 14:21

Tgt Ion:	180	Resp:	78078
Ion Ratio	Lower	Upper	
180	100		
182	94.4	47.6	142.9
145	30.3	15.4	46.1

