

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022224\
 Data File : VY017452.D
 Acq On : 22 Feb 2024 11:51
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 02/23/2024
 Supervised By :Semsettin Yesilyurt 02/23/2024

Quant Time: Feb 23 00:27:28 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y021924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 20 06:16:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	174881	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	266766	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	231441	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	108104	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	68752	46.019	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	92.040%		
35) Dibromofluoromethane	7.728	113	80662	51.655	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	103.320%		
50) Toluene-d8	10.191	98	312574	51.612	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	103.220%		
62) 4-Bromofluorobenzene	12.489	95	95127	47.196	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	94.400%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	65103	46.685	ug/l	98
3) Chloromethane	2.119	50	116595	40.968	ug/l	100
4) Vinyl Chloride	2.253	62	152045	41.033	ug/l	99
5) Bromomethane	2.662	94	116742	42.404	ug/l	100
6) Chloroethane	2.802	64	97242	41.196	ug/l	99
7) Trichlorofluoromethane	3.131	101	152763	48.071	ug/l	99
8) Diethyl Ether	3.540	74	46751	52.050	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.906	101	93881	51.111	ug/l	100
10) Methyl Iodide	4.107	142	119022	60.889	ug/l	98
11) Tert butyl alcohol	4.966	59	29146	250.904	ug/l #	85
12) 1,1-Dichloroethene	3.881	96	89952	52.102	ug/l	97
13) Acrolein	3.735	56	48064	309.193	ug/l	99
14) Allyl chloride	4.491	41	107246	51.250	ug/l	97
15) Acrylonitrile	5.180	53	89989	252.004	ug/l	99
16) Acetone	3.954	43	91262	282.061	ug/l	100
17) Carbon Disulfide	4.204	76	282689	51.540	ug/l	99
18) Methyl Acetate	4.491	43	37784	51.498	ug/l	98
19) Methyl tert-butyl Ether	5.235	73	198093	50.796	ug/l	99
20) Methylene Chloride	4.729	84	101982	51.480	ug/l	95
21) trans-1,2-Dichloroethene	5.235	96	108192	54.181	ug/l	95
22) Diisopropyl ether	6.131	45	245500	51.008	ug/l	97
23) Vinyl Acetate	6.076	43	718442	251.171	ug/l	98
24) 1,1-Dichloroethane	6.033	63	166154	50.920	ug/l	99
25) 2-Butanone	6.996	43	118229	260.318	ug/l	100
26) 2,2-Dichloropropane	6.996	77	147109	52.394	ug/l	99
27) cis-1,2-Dichloroethene	6.996	96	117714	53.075	ug/l	99
28) Bromochloromethane	7.344	49	64171	52.415	ug/l	92
29) Tetrahydrofuran	7.356	42	66085	247.521	ug/l	97
30) Chloroform	7.521	83	178124	51.711	ug/l	99
31) Cyclohexane	7.795	56	142864	48.305	ug/l	97
32) 1,1,1-Trichloroethane	7.716	97	157724	51.841	ug/l	99
36) 1,1-Dichloropropene	7.929	75	139137	53.350	ug/l	99
37) Ethyl Acetate	7.088	43	47025	49.519	ug/l #	96
38) Carbon Tetrachloride	7.911	117	142420	54.849	ug/l	97
39) Methylcyclohexane	9.197	83	175478	54.968	ug/l	99
40) Benzene	8.173	78	414728	54.428	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.326	41	23839	51.403	ug/l	93
42) 1,2-Dichloroethane	8.246	62	95642	51.710	ug/l	98
43) Isopropyl Acetate	8.283	43	89423	52.108	ug/l	99
44) Trichloroethene	8.947	130	116286	56.302	ug/l	100
45) 1,2-Dichloropropane	9.228	63	94046	53.394	ug/l	99
46) Dibromomethane	9.313	93	53411	53.350	ug/l	96
47) Bromodichloromethane	9.508	83	132501	53.830	ug/l	97
48) Methyl methacrylate	9.301	41	41309	51.305	ug/l	95
49) 1,4-Dioxane	9.307	88	11426	1091.206	ug/l #	98
51) 4-Methyl-2-Pentanone	10.081	43	242168	261.892	ug/l	98
52) Toluene	10.252	92	266717	56.069	ug/l	99
53) t-1,3-Dichloropropene	10.478	75	126167	55.355	ug/l	98
54) cis-1,3-Dichloropropene	9.941	75	152636	54.584	ug/l	98
55) 1,1,2-Trichloroethane	10.654	97	74421	54.027	ug/l	97
56) Ethyl methacrylate	10.520	69	86681	49.881	ug/l	97
57) 1,3-Dichloropropane	10.801	76	122322	53.670	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.795	63	223245	271.241	ug/l	97
59) 2-Hexanone	10.843	43	174173	273.464	ug/l	97
60) Dibromochloromethane	10.996	129	90968	55.554	ug/l	99
61) 1,2-Dibromoethane	11.099	107	70340	54.581	ug/l	100
64) Tetrachloroethene	10.727	164	102469	55.322	ug/l	99
65) Chlorobenzene	11.526	112	275388	55.233	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.599	131	103303	55.638	ug/l	99
67) Ethyl Benzene	11.599	91	506274	56.774	ug/l	98
68) m/p-Xylenes	11.709	106	395415	112.798	ug/l	99
69) o-Xylene	12.038	106	184379	57.332	ug/l	98
70) Styrene	12.050	104	304014	57.557	ug/l	98
71) Bromoform	12.215	173	54364	56.276	ug/l #	97
73) Isopropylbenzene	12.337	105	481466	57.658	ug/l	100
74) N-amyl acetate	12.154	43	76275	52.460	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.593	83	79597	53.334	ug/l	98
76) 1,2,3-Trichloropropane	12.642	75	49705m	47.421	ug/l	
77) Bromobenzene	12.617	156	110128	56.233	ug/l	95
78) n-propylbenzene	12.678	91	576764	57.104	ug/l	99
79) 2-Chlorotoluene	12.764	91	312243	56.144	ug/l	99
80) 1,3,5-Trimethylbenzene	12.819	105	382300	57.238	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.386	75	24508	54.516	ug/l	98
82) 4-Chlorotoluene	12.861	91	315268	54.934	ug/l	97
83) tert-Butylbenzene	13.087	119	343270	58.856	ug/l	97
84) 1,2,4-Trimethylbenzene	13.129	105	380058	57.437	ug/l	100
85) sec-Butylbenzene	13.264	105	509544	56.881	ug/l	100
86) p-Isopropyltoluene	13.379	119	426810	57.847	ug/l	99
87) 1,3-Dichlorobenzene	13.373	146	219062	55.388	ug/l	99
88) 1,4-Dichlorobenzene	13.459	146	209337	54.818	ug/l	99
89) n-Butylbenzene	13.703	91	383148	57.097	ug/l	99
90) Hexachloroethane	13.971	117	79439	54.947	ug/l	96
91) 1,2-Dichlorobenzene	13.745	146	180302	54.161	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.367	75	9445	50.069	ug/l	95
93) 1,2,4-Trichlorobenzene	15.019	180	94002	54.004	ug/l	99
94) Hexachlorobutadiene	15.123	225	58022	54.807	ug/l	99
95) Naphthalene	15.245	128	151833	47.179	ug/l	99
96) 1,2,3-Trichlorobenzene	15.434	180	76308	52.145	ug/l	100

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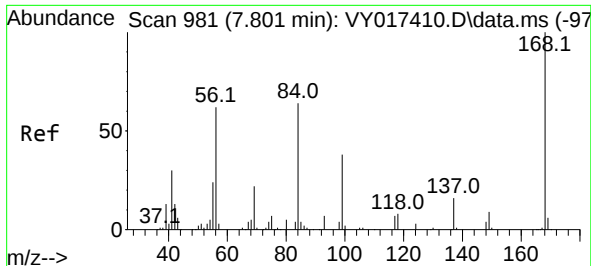
Manual Integrations
APPROVED

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Supervised By :Semsettin Yesilyurt 02/23/2024

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Quant Title : SW846 8260
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Response via : Initial Calibration

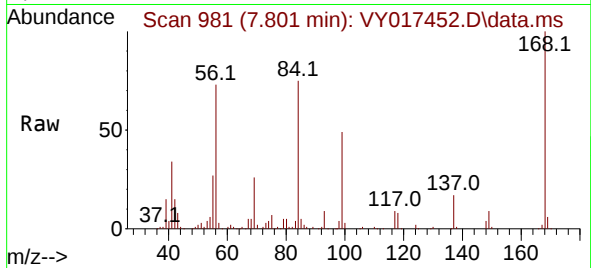
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
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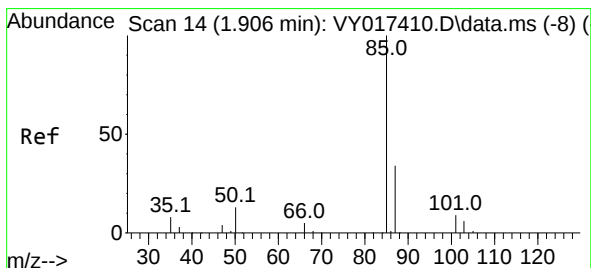
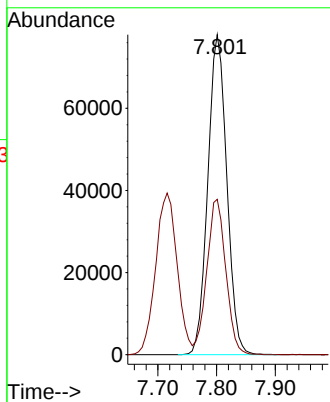
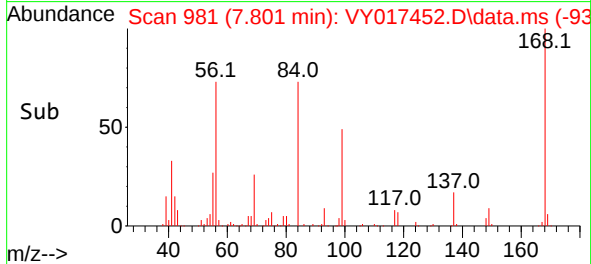
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 17488
Ion Ratio Lower Upper
168 100
99 48.5 39.1 58.7

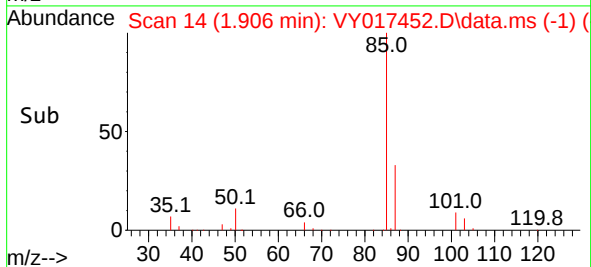
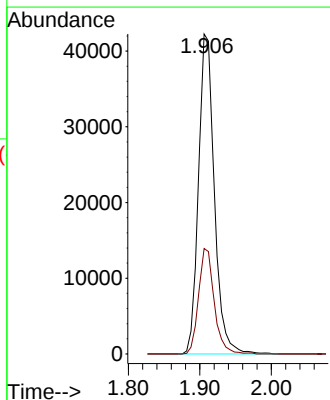
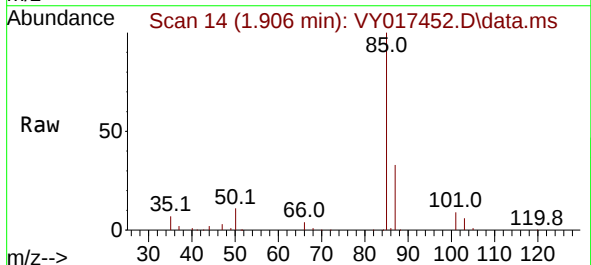
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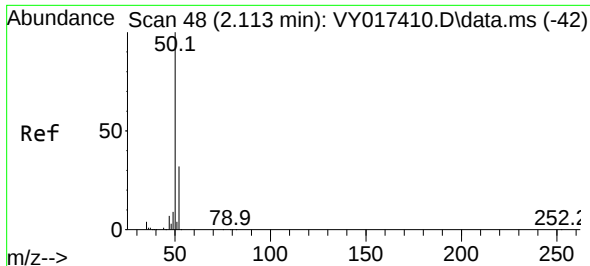
Reviewed By :Mahesh Dadoda 02/23/2024
Supervised By :Semsettin Yesilyurt 02/23/2024



#2
Dichlorodifluoromethane
Concen: 46.685 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY017452.D
Acq: 22 Feb 2024 11:51

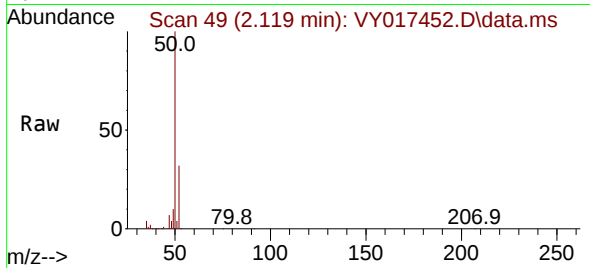
Tgt Ion: 85 Resp: 65103
Ion Ratio Lower Upper
85 100
87 33.0 16.0 48.0





#3
Chloromethane
Concen: 40.968 ug/l
RT: 2.119 min Scan# 48
Delta R.T. 0.006 min
Lab File: VY017452.D
Acq: 22 Feb 2024 11:51

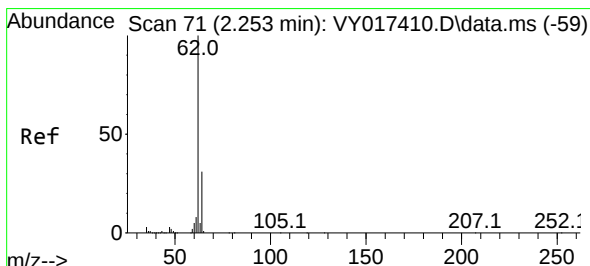
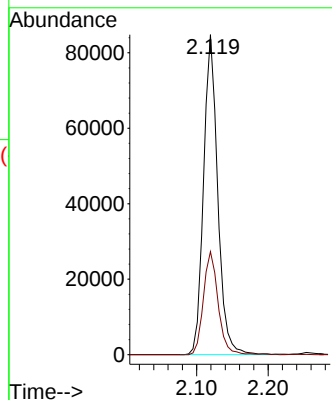
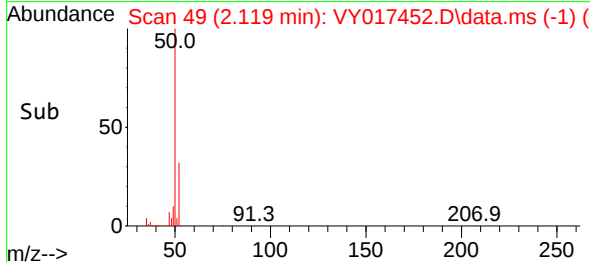
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Tgt Ion: 50 Resp: 11659
Ion Ratio Lower Upper
50 100
52 32.2 25.6 38.4

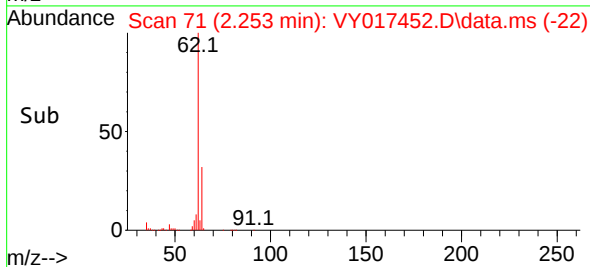
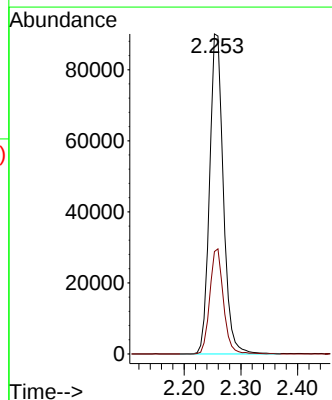
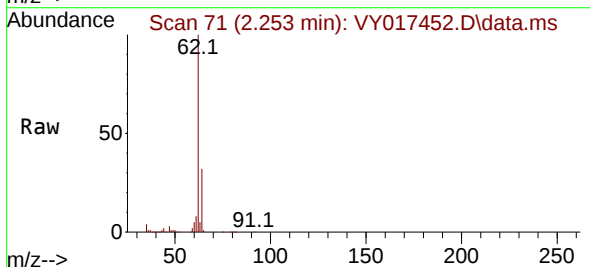
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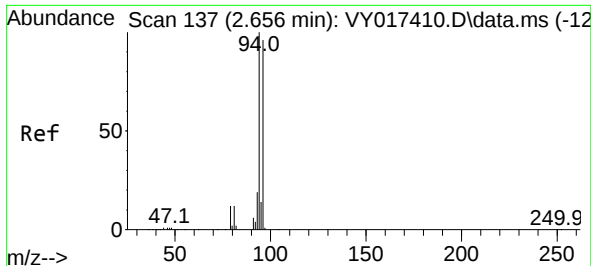
Reviewed By :Mahesh Dadoda 02/23/2024
Supervised By :Semsettin Yesilyurt 02/23/2024



#4
Vinyl Chloride
Concen: 41.033 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.000 min
Lab File: VY017452.D
Acq: 22 Feb 2024 11:51

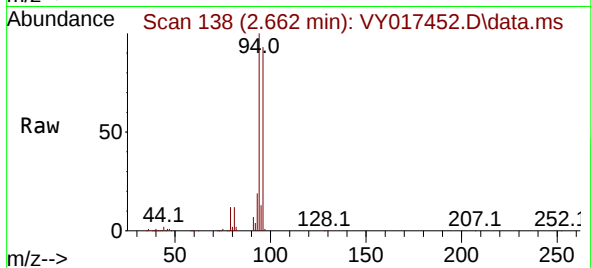
Tgt Ion: 62 Resp: 152045
Ion Ratio Lower Upper
62 100
64 32.0 26.1 39.1





#5
Bromomethane
Concen: 42.404 ug/l
RT: 2.662 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017452.D
Acq: 22 Feb 2024 11:51

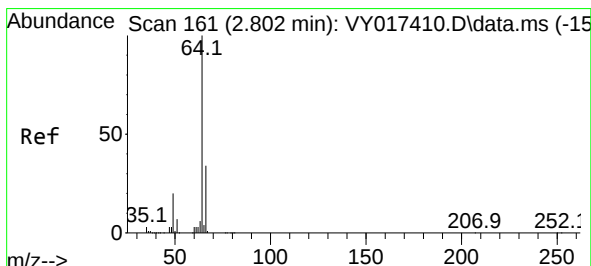
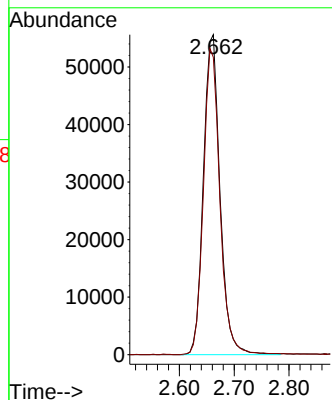
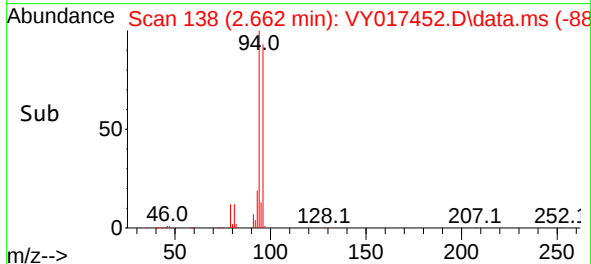
Instrument :
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Tgt Ion: 94 Resp: 116742
Ion Ratio Lower Upper
94 100
96 93.0 74.1 111.1

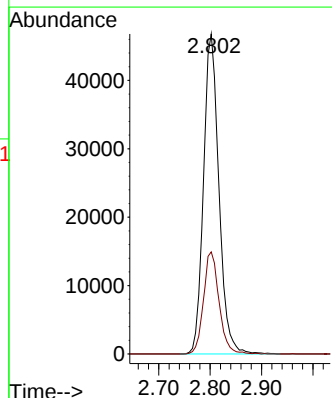
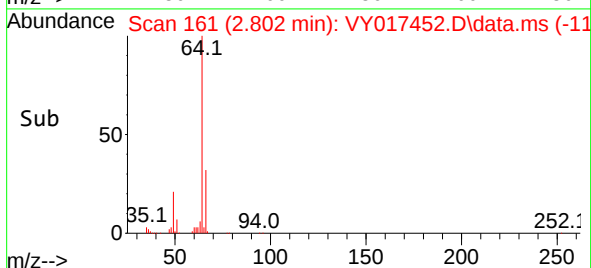
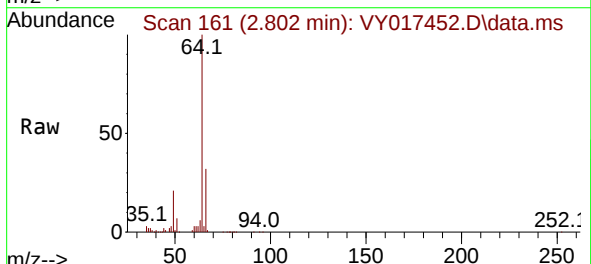
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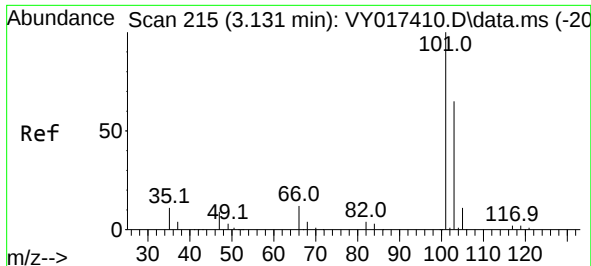
Reviewed By :Mahesh Dadoda 02/23/2024
Supervised By :Semsettin Yesilyurt 02/23/2024



#6
Chloroethane
Concen: 41.196 ug/l
RT: 2.802 min Scan# 161
Delta R.T. 0.000 min
Lab File: VY017452.D
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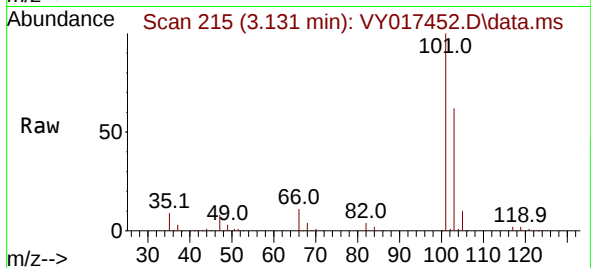
Tgt Ion: 64 Resp: 97242
Ion Ratio Lower Upper
64 100
66 31.9 26.1 39.1





#7
 Trichlorofluoromethane
 Concen: 48.071 ug/l
 RT: 3.131 min Scan# 215
 Delta R.T. 0.000 min
 Lab File: VY017452.D
 Acq: 22 Feb 2024 11:51

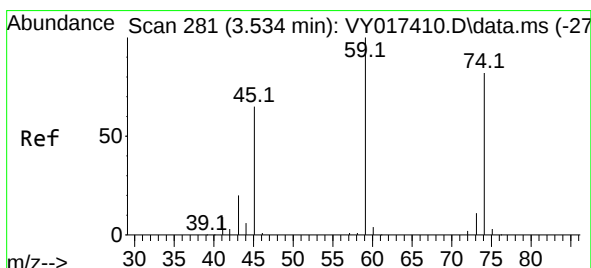
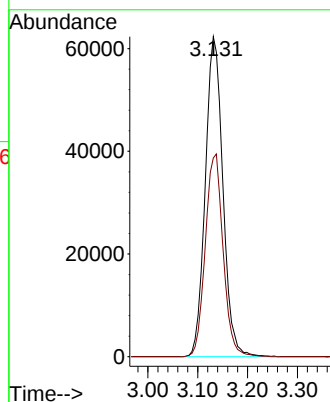
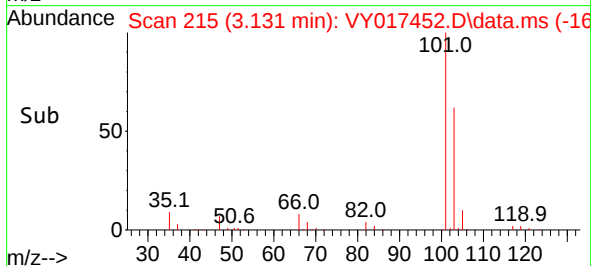
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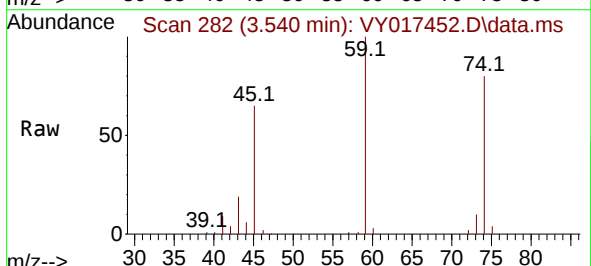
Tgt Ion:101 Resp: 15276
 Ion Ratio Lower Upper
 101 100
 103 62.1 49.3 73.9

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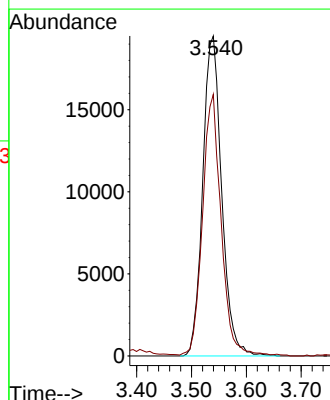
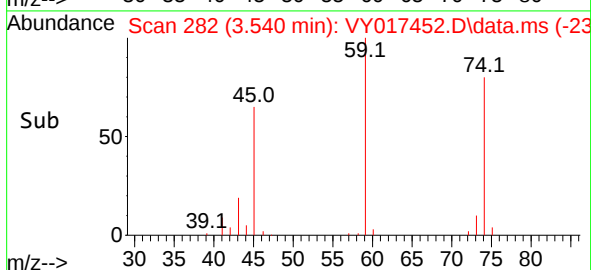
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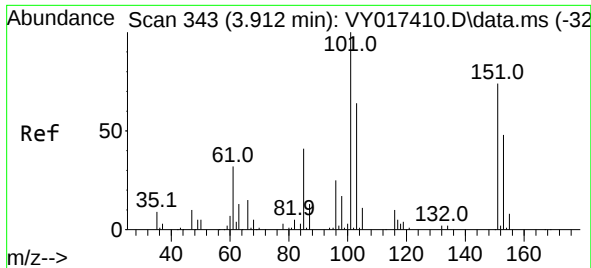


#8
 Diethyl Ether
 Concen: 52.050 ug/l
 RT: 3.540 min Scan# 282
 Delta R.T. 0.006 min
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 Acq: 22 Feb 2024 11:51



Tgt Ion: 74 Resp: 46751
 Ion Ratio Lower Upper
 74 100
 45 78.8 41.3 124.1





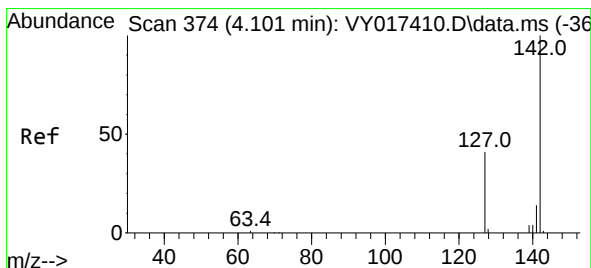
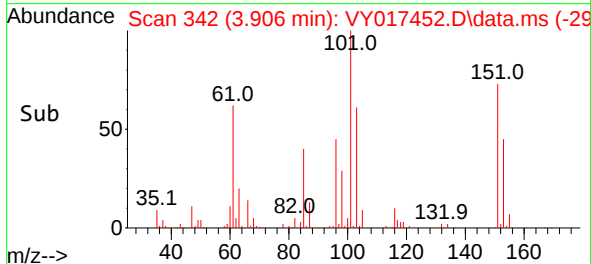
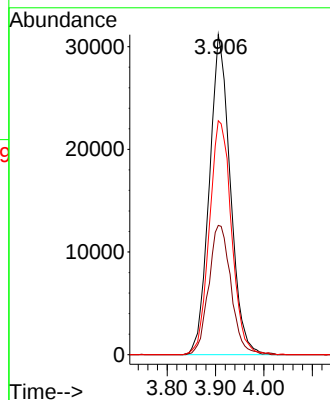
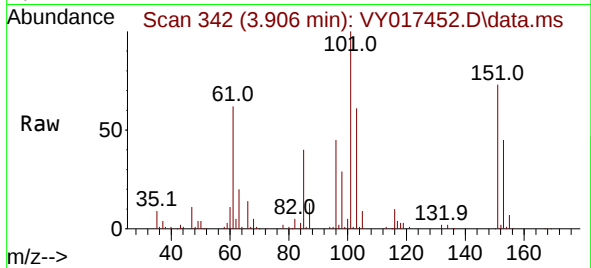
#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.111 ug/l
RT: 3.906 min Scan# 34
Delta R.T. -0.006 min
Lab File: VY017452.D
Acq: 22 Feb 2024 11:51

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 9388
Ion Ratio Lower Upper
101 100
85 42.8 34.5 51.7
151 77.1 61.7 92.5

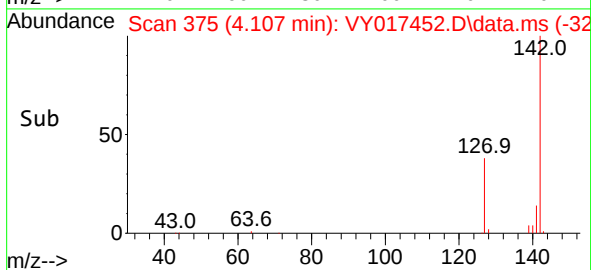
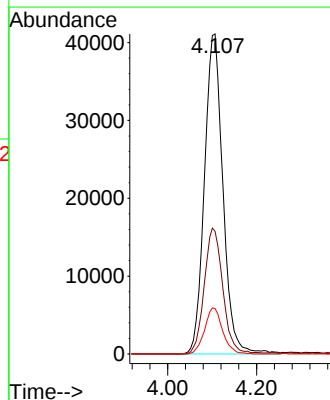
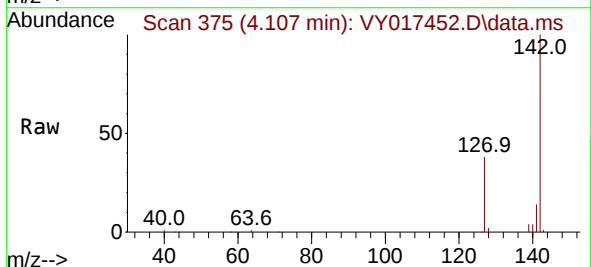
Manual Integrations
APPROVED

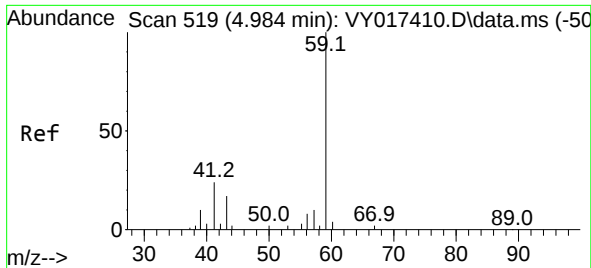
Reviewed By :Mahesh Dadoda 02/23/2024
Supervised By :Semsettin Yesilyurt 02/23/2024



#10
Methyl Iodide
Concen: 60.889 ug/l
RT: 4.107 min Scan# 375
Delta R.T. 0.006 min
Lab File: VY017452.D
Acq: 22 Feb 2024 11:51

Tgt Ion:142 Resp: 119022
Ion Ratio Lower Upper
142 100
127 39.3 32.8 49.2
141 14.0 11.4 17.2





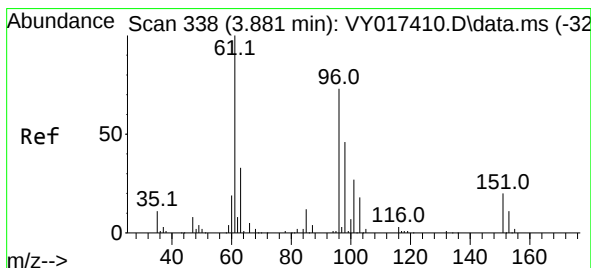
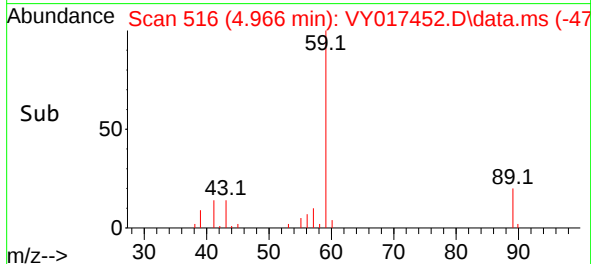
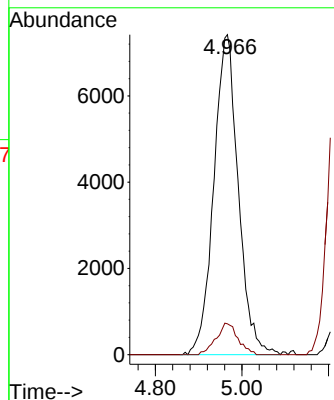
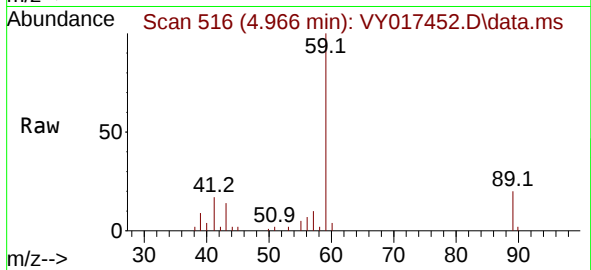
#11
Tert butyl alcohol
Concen: 250.904 ug/l
RT: 4.966 min Scan# 519
Delta R.T. -0.018 min
Lab File: VY017452.D
Acq: 22 Feb 2024 11:51

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 29140
Ion Ratio Lower Upper
59 100
57 8.7 3.0 4.6

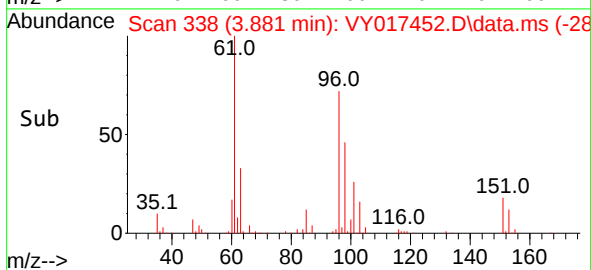
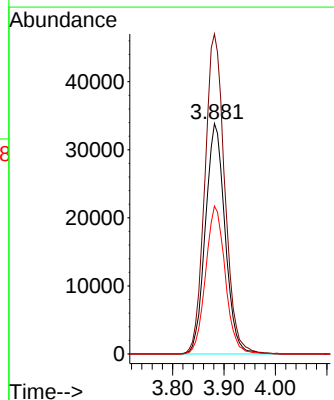
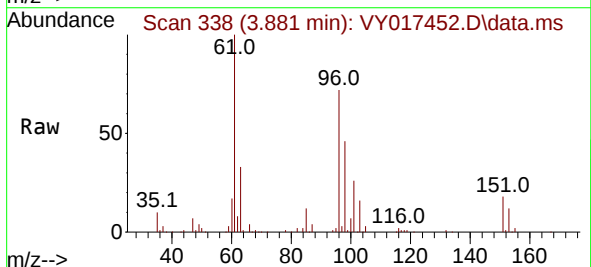
Manual Integrations
APPROVED

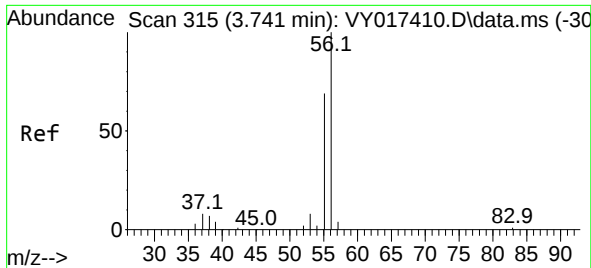
Reviewed By :Mahesh Dadoda 02/23/2024
Supervised By :Semsettin Yesilyurt 02/23/2024



#12
1,1-Dichloroethene
Concen: 52.102 ug/l
RT: 3.881 min Scan# 338
Delta R.T. 0.000 min
Lab File: VY017452.D
Acq: 22 Feb 2024 11:51

Tgt Ion: 96 Resp: 89952
Ion Ratio Lower Upper
96 100
61 138.9 114.6 171.8
98 64.2 50.8 76.2





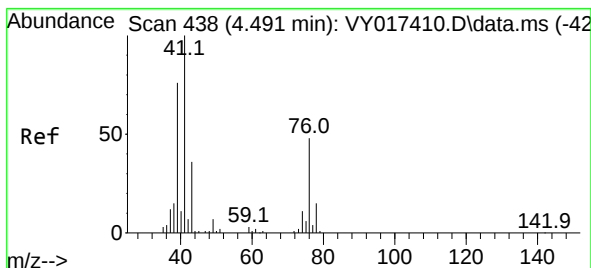
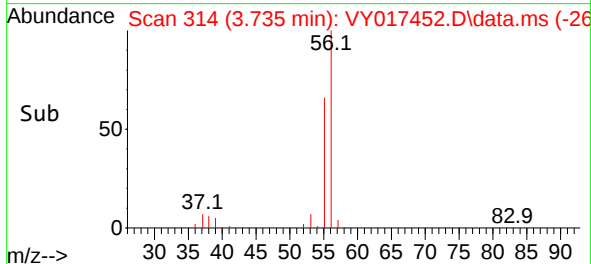
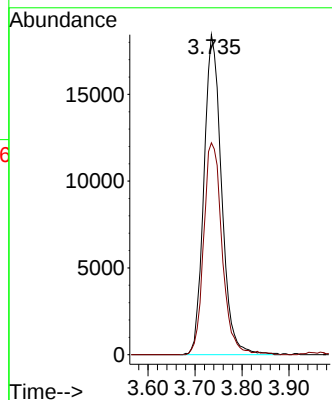
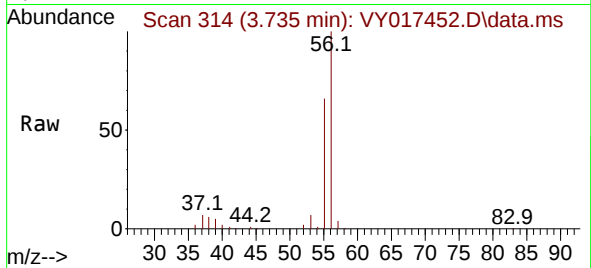
#13
Acrolein
Concen: 309.193 ug/l
RT: 3.735 min Scan# 315
Delta R.T. -0.006 min
Lab File: VY017452.D
Acq: 22 Feb 2024 11:51

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 48064
Ion Ratio Lower Upper
56 100
55 68.6 55.7 83.5

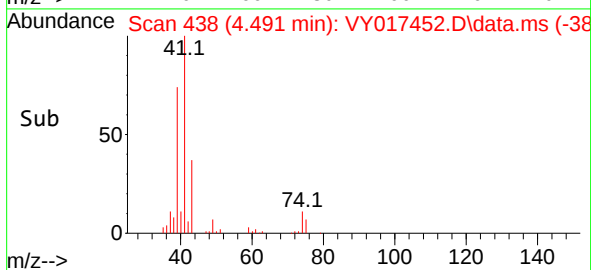
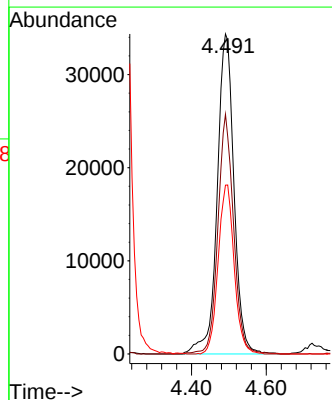
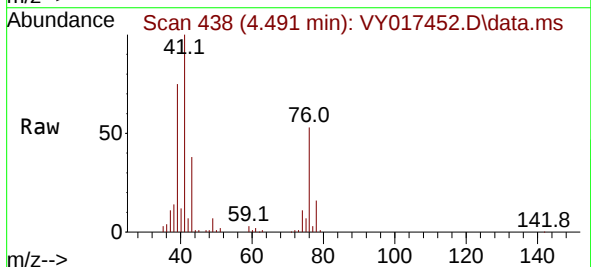
Manual Integrations
APPROVED

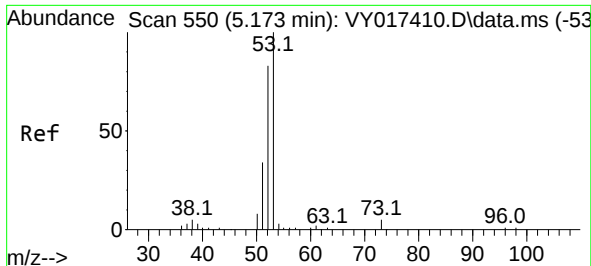
Reviewed By :Mahesh Dadoda 02/23/2024
Supervised By :Semsettin Yesilyurt 02/23/2024



#14
Allyl chloride
Concen: 51.250 ug/l
RT: 4.491 min Scan# 438
Delta R.T. 0.000 min
Lab File: VY017452.D
Acq: 22 Feb 2024 11:51

Tgt Ion: 41 Resp: 107246
Ion Ratio Lower Upper
41 100
39 70.0 58.3 87.5
76 50.3 39.0 58.6





#15

Acrylonitrile

Concen: 252.004 ug/l

RT: 5.180 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY017452.D

Acq: 22 Feb 2024 11:51

Instrument :

MSVOA_Y

ClientSampleId :

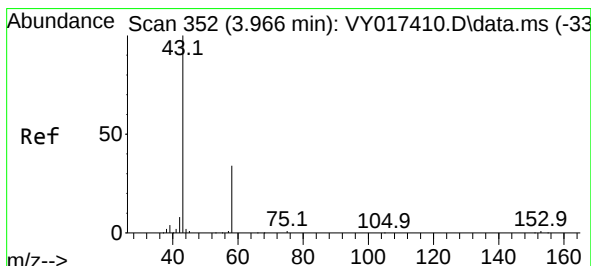
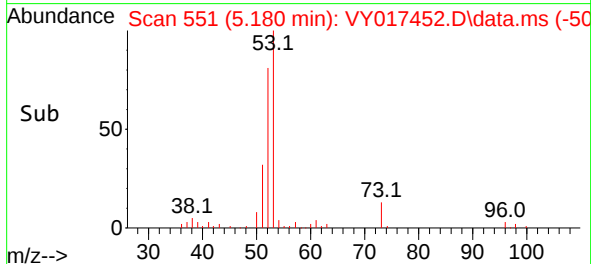
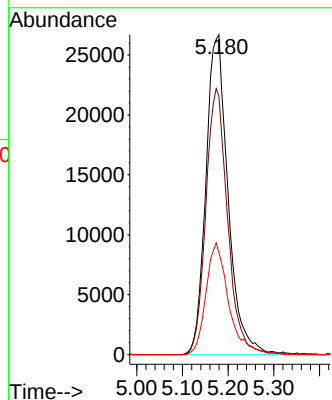
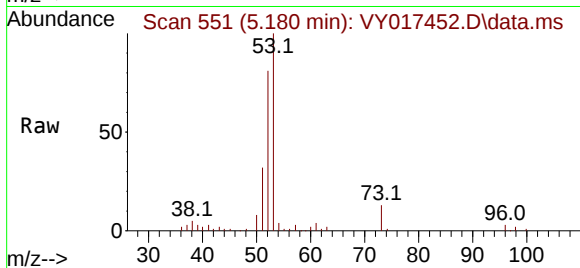
VSTDCCC050

Tgt Ion: 53	Resp: 8998
Ion Ratio	Lower Upper
53	100
52	81.6 64.7 97.1
51	35.7 28.4 42.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/23/2024
Supervised By :Semsettin Yesilyurt 02/23/2024



#16

Acetone

Concen: 282.061 ug/l

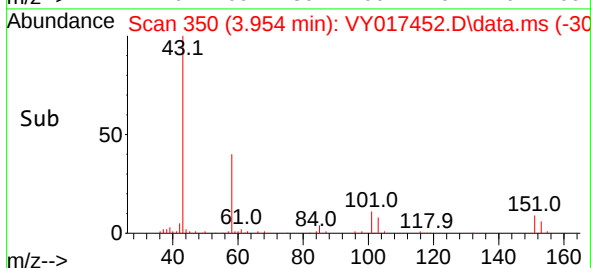
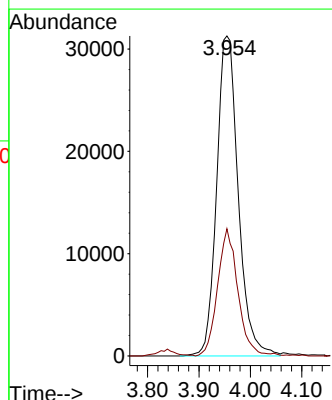
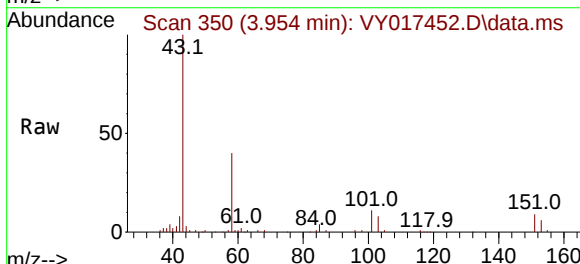
RT: 3.954 min Scan# 350

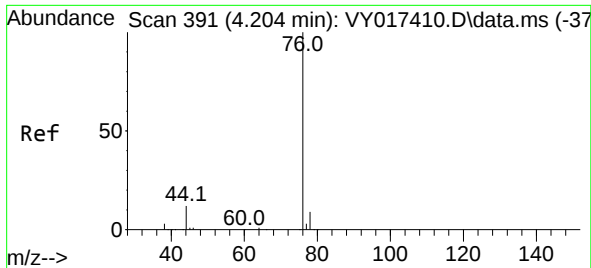
Delta R.T. -0.012 min

Lab File: VY017452.D

Acq: 22 Feb 2024 11:51

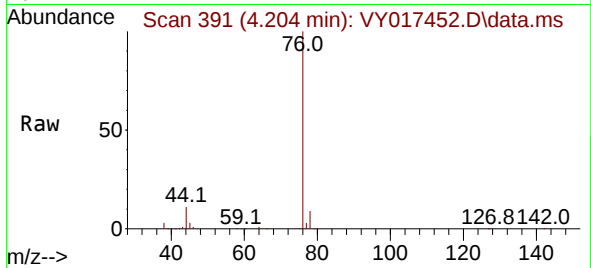
Tgt Ion: 43	Resp: 91262
Ion Ratio	Lower Upper
43	100
58	39.5 31.7 47.5





#17
Carbon Disulfide
Concen: 51.540 ug/l
RT: 4.204 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY017452.D
Acq: 22 Feb 2024 11:51

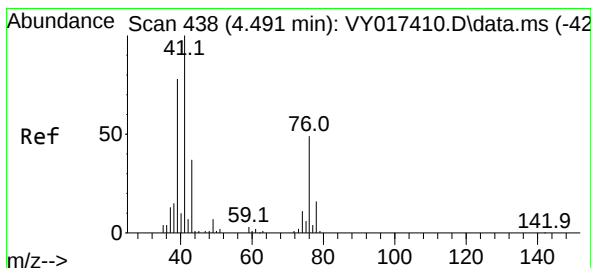
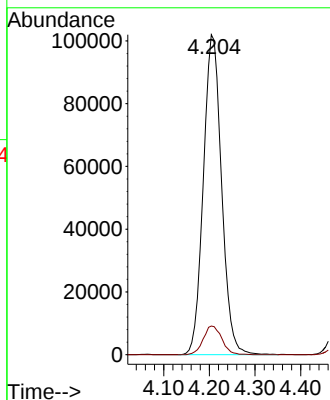
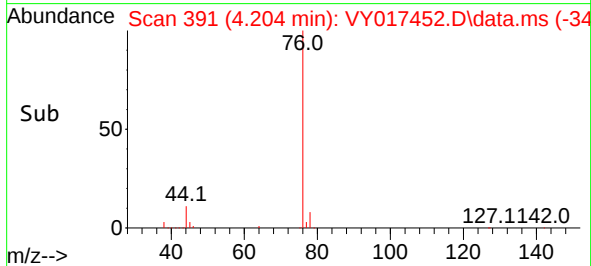
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 282689
Ion Ratio Lower Upper
76 100
78 9.0 6.8 10.2

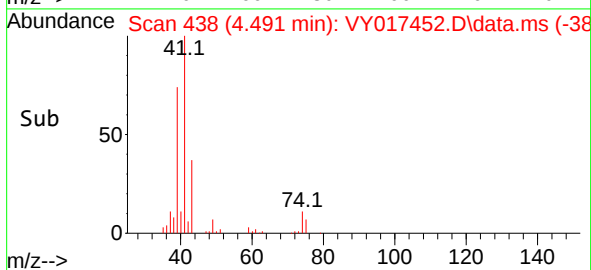
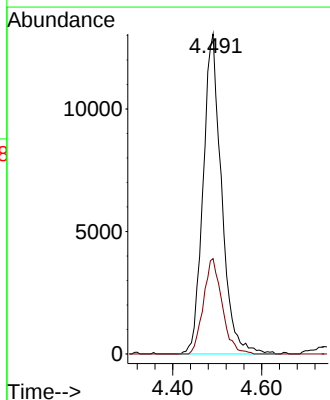
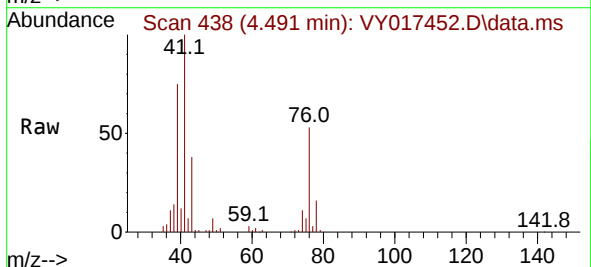
Manual Integrations
APPROVED

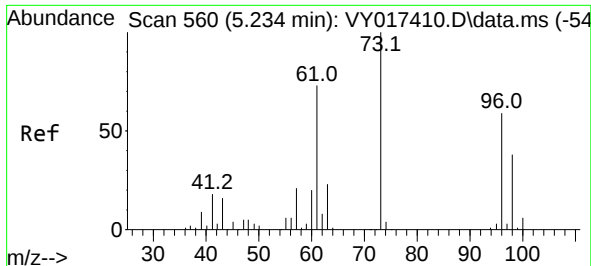
Reviewed By :Mahesh Dadoda 02/23/2024
Supervised By :Semsettin Yesilyurt 02/23/2024



#18
Methyl Acetate
Concen: 51.498 ug/l
RT: 4.491 min Scan# 438
Delta R.T. 0.000 min
Lab File: VY017452.D
Acq: 22 Feb 2024 11:51

Tgt Ion: 43 Resp: 37784
Ion Ratio Lower Upper
43 100
74 30.0 23.3 34.9





#19

Methyl tert-butyl Ether

Concen: 50.796 ug/l

RT: 5.235 min Scan# 50

Delta R.T. 0.000 min

Lab File: VY017452.D

Acq: 22 Feb 2024 11:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 73 Resp: 19809

Ion Ratio Lower Upper

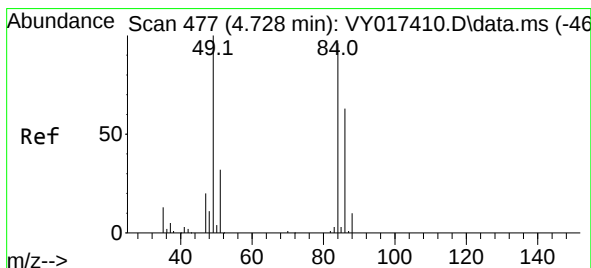
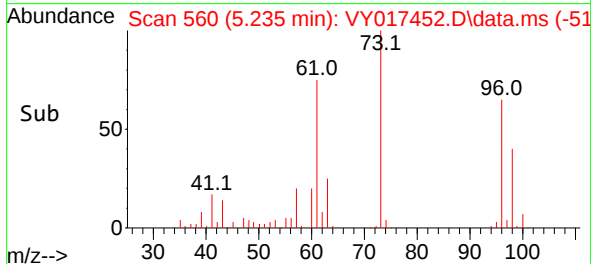
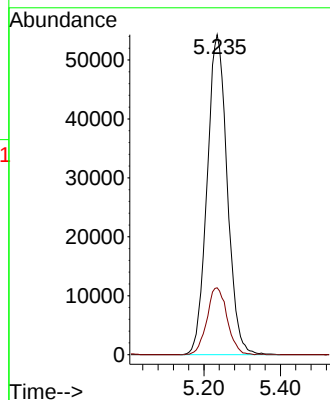
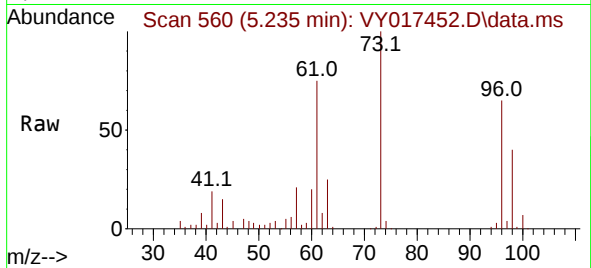
73 100

57 20.9 17.3 25.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/23/2024
Supervised By :Semsettin Yesilyurt 02/23/2024



#20

Methylene Chloride

Concen: 51.480 ug/l

RT: 4.729 min Scan# 477

Delta R.T. 0.001 min

Lab File: VY017452.D

Acq: 22 Feb 2024 11:51

Tgt Ion: 84 Resp: 101982

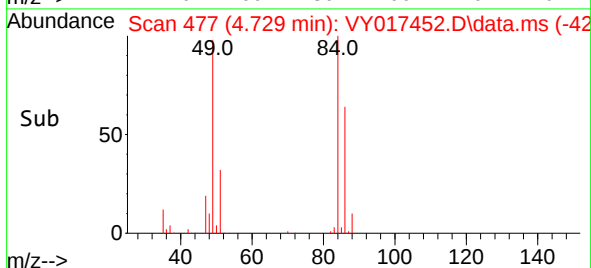
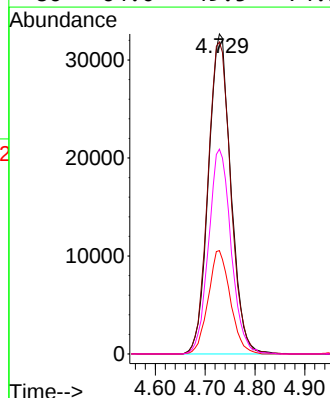
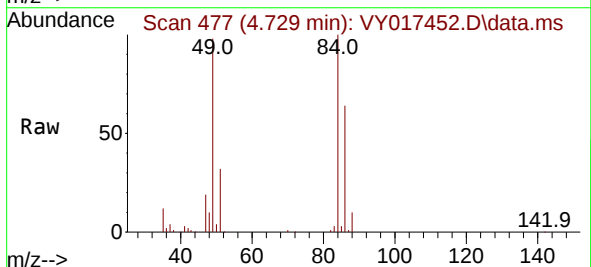
Ion Ratio Lower Upper

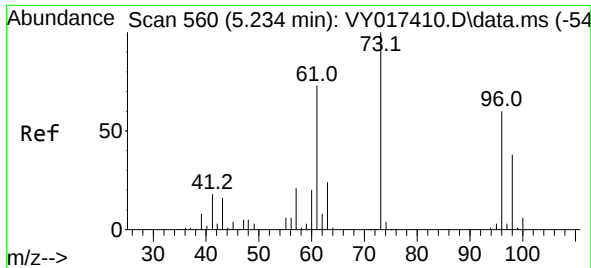
84 100

49 97.5 84.4 126.6

51 32.3 26.0 39.0

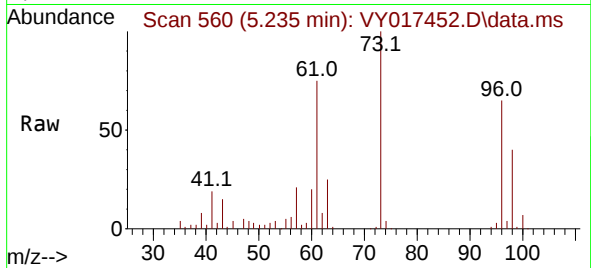
86 64.0 49.5 74.3





#21
trans-1,2-Dichloroethene
Concen: 54.181 ug/l
RT: 5.235 min Scan# 50
Delta R.T. 0.000 min
Lab File: VY017452.D
Acq: 22 Feb 2024 11:51

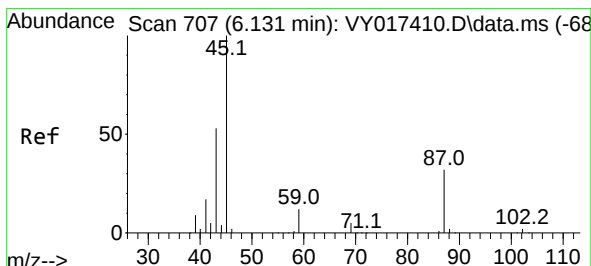
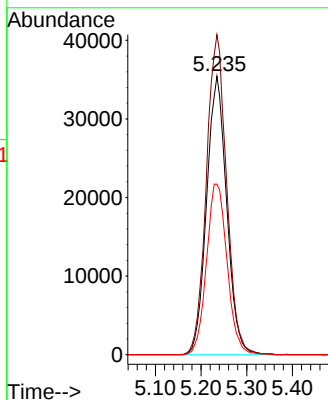
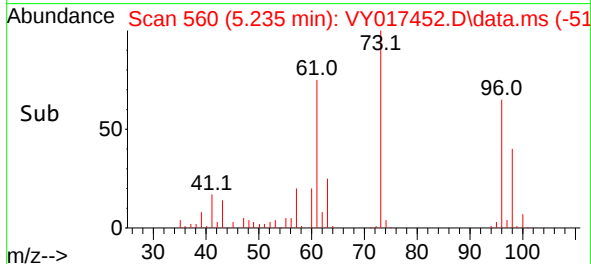
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



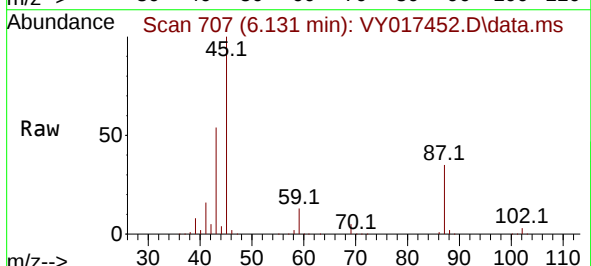
Tgt Ion: 96 Resp: 108192
Ion Ratio Lower Upper
96 100
61 115.0 97.5 146.3
98 61.3 50.5 75.7

Manual Integrations
APPROVED

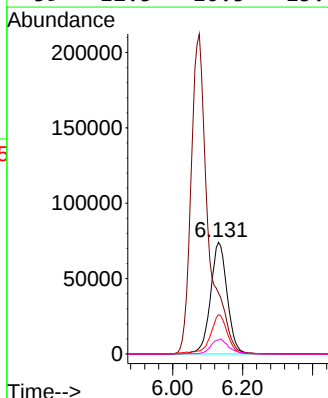
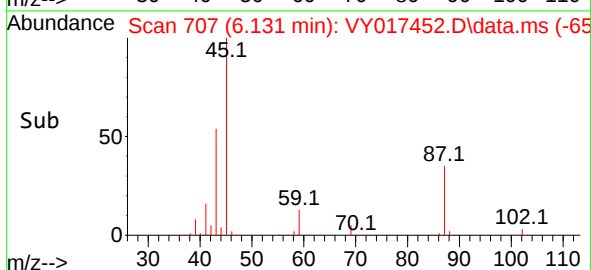
Reviewed By :Mahesh Dadoda 02/23/2024
Supervised By :Semsettin Yesilyurt 02/23/2024

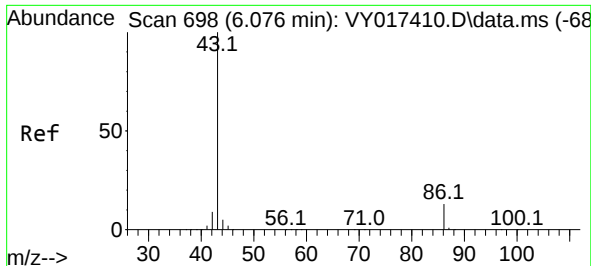


#22
Diisopropyl ether
Concen: 51.008 ug/l
RT: 6.131 min Scan# 707
Delta R.T. 0.000 min
Lab File: VY017452.D
Acq: 22 Feb 2024 11:51



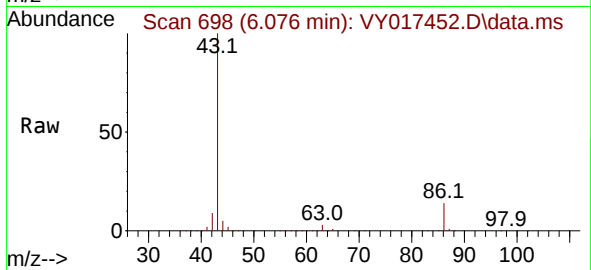
Tgt Ion: 45 Resp: 245500
Ion Ratio Lower Upper
45 100
43 54.1 42.2 63.2
87 35.1 25.0 37.6
59 12.5 10.5 15.7





#23
 Vinyl Acetate
 Concen: 251.171 ug/l
 RT: 6.076 min Scan# 698
 Delta R.T. 0.000 min
 Lab File: VY017452.D
 Acq: 22 Feb 2024 11:51

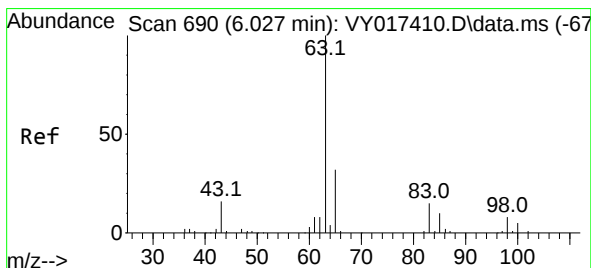
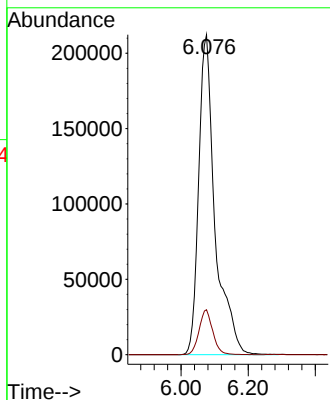
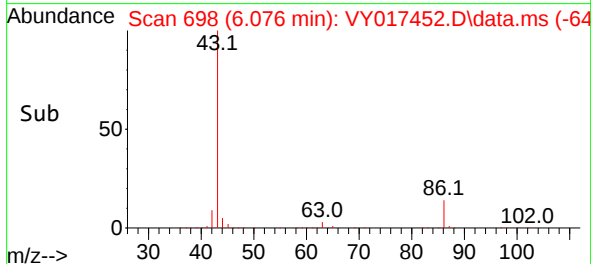
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050



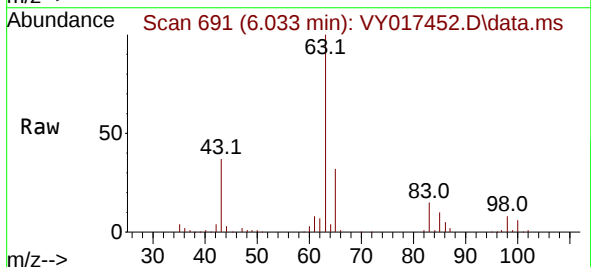
Tgt Ion: 43 Resp: 71844
 Ion Ratio Lower Upper
 43 100
 86 14.0 10.6 16.0

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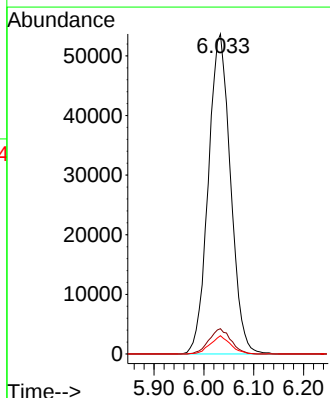
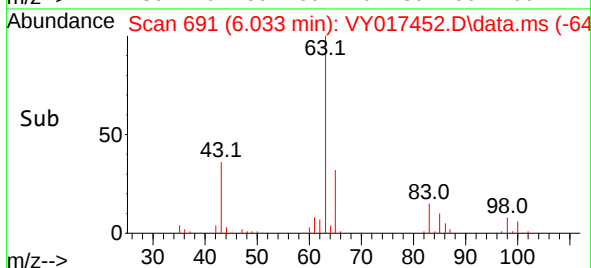
Reviewed By :Mahesh Dadoda 02/23/2024
 Supervised By :Semsettin Yesilyurt 02/23/2024

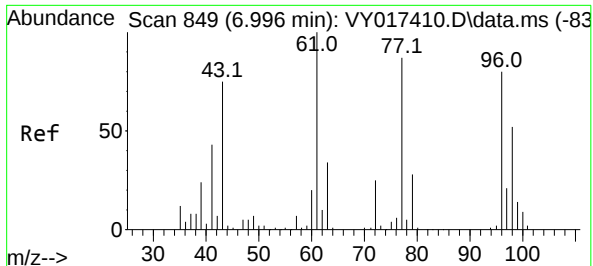


#24
 1,1-Dichloroethane
 Concen: 50.920 ug/l
 RT: 6.033 min Scan# 691
 Delta R.T. 0.006 min
 Lab File: VY017452.D
 Acq: 22 Feb 2024 11:51



Tgt Ion: 63 Resp: 166154
 Ion Ratio Lower Upper
 63 100
 98 7.9 4.0 12.2
 100 5.7 2.6 8.0





#25

2-Butanone

Concen: 260.318 ug/l

RT: 6.996 min Scan# 849

Delta R.T. 0.000 min

Lab File: VY017452.D

Acq: 22 Feb 2024 11:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 118229

Ion Ratio Lower Upper

43 100

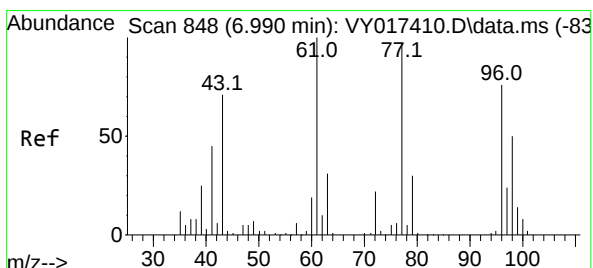
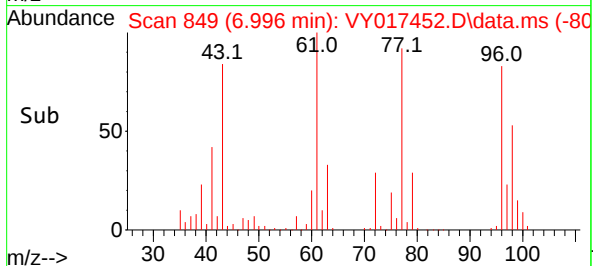
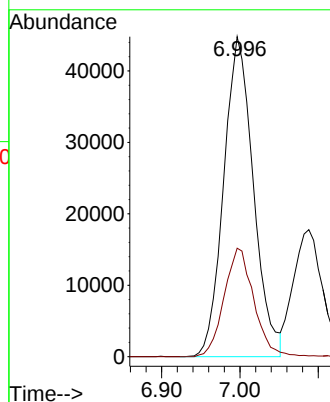
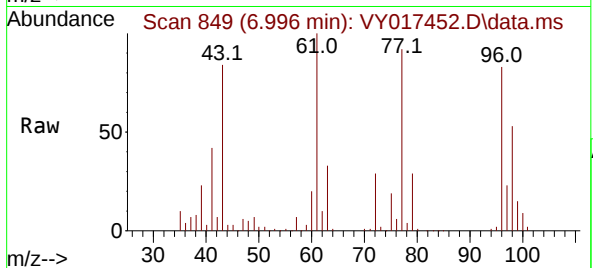
72 33.9 27.3 40.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/23/2024

Supervised By :Semsettin Yesilyurt 02/23/2024



#26

2,2-Dichloropropane

Concen: 52.394 ug/l

RT: 6.996 min Scan# 849

Delta R.T. 0.006 min

Lab File: VY017452.D

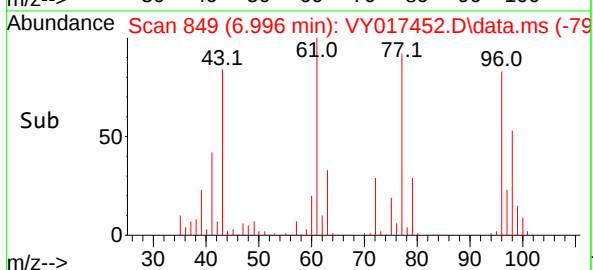
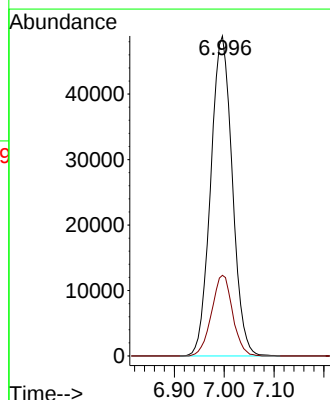
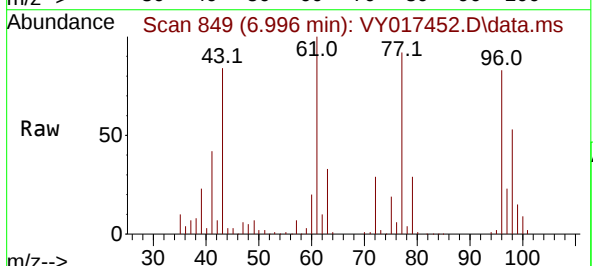
Acq: 22 Feb 2024 11:51

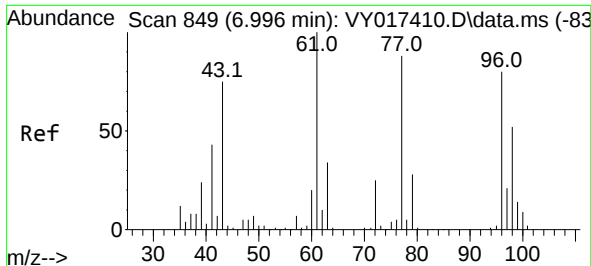
Tgt Ion: 77 Resp: 147109

Ion Ratio Lower Upper

77 100

97 24.6 12.0 36.1





#27

cis-1,2-Dichloroethene

Concen: 53.075 ug/l

RT: 6.996 min Scan# 849

Delta R.T. 0.000 min

Lab File: VY017452.D

Acq: 22 Feb 2024 11:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 117714

Ion Ratio Lower Upper

96 100

61 126.1 0.0 256.2

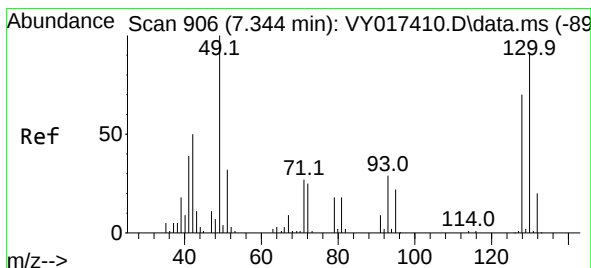
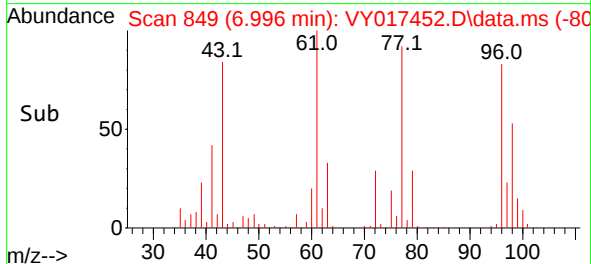
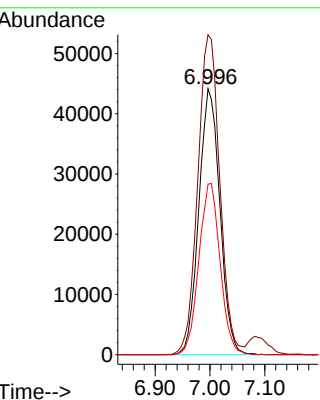
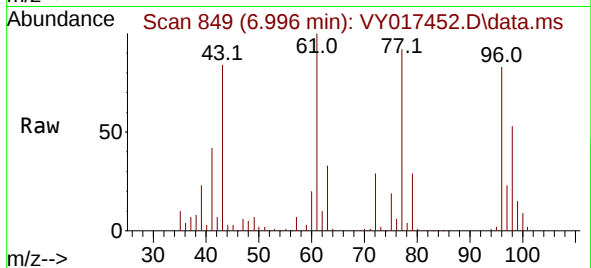
98 64.9 0.0 130.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/23/2024

Supervised By :Semsettin Yesilyurt 02/23/2024



#28

Bromochloromethane

Concen: 52.415 ug/l

RT: 7.344 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY017452.D

Acq: 22 Feb 2024 11:51

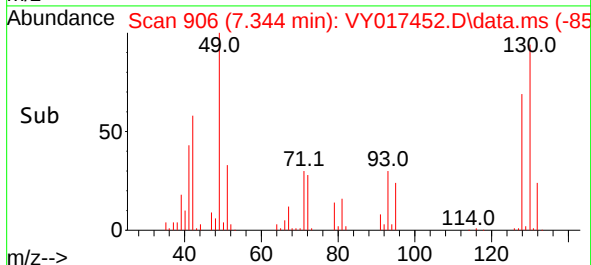
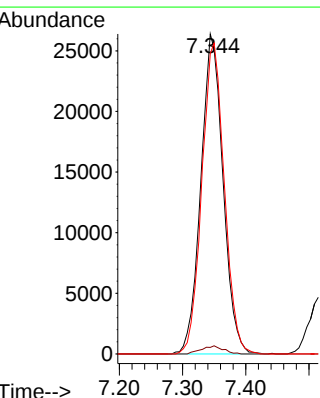
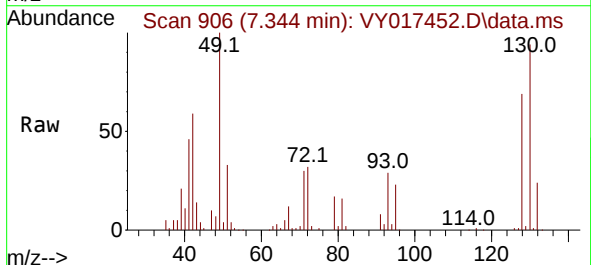
Tgt Ion: 49 Resp: 64171

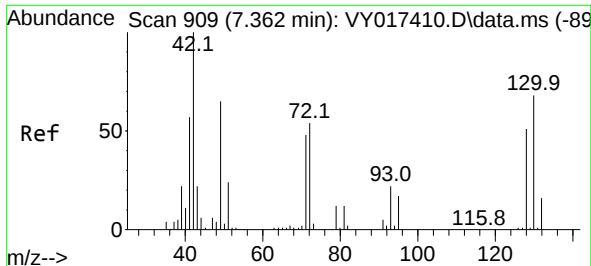
Ion Ratio Lower Upper

49 100

129 2.5 0.0 4.6

130 98.3 72.7 109.1





#29

Tetrahydrofuran

Concen: 247.521 ug/l

RT: 7.356 min Scan# 908

Delta R.T. -0.006 min

Lab File: VY017452.D

Acq: 22 Feb 2024 11:51

Instrument :

MSVOA_Y

ClientSampleId :

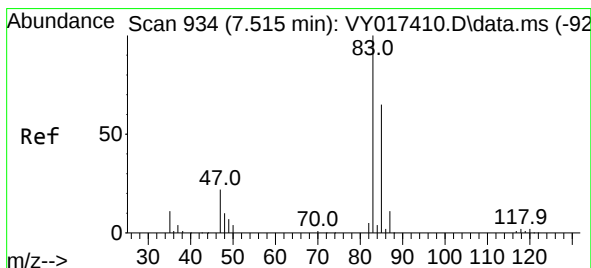
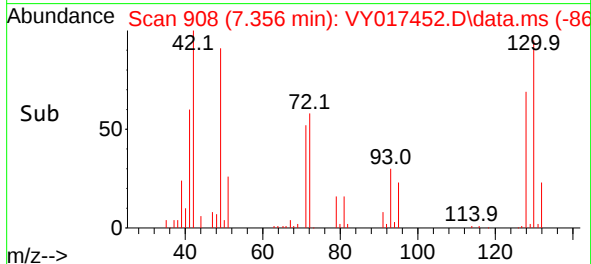
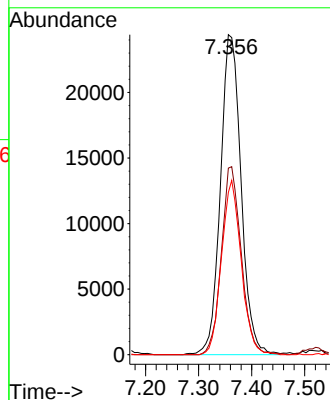
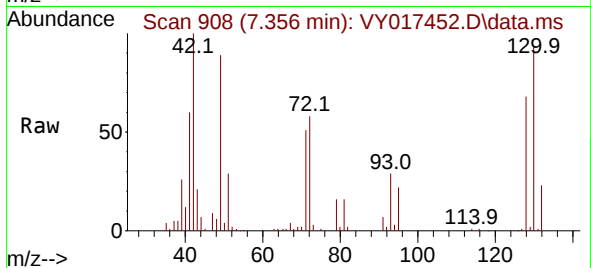
VSTDCCC050

Tgt Ion: 42	Resp: 6608
Ion Ratio	Lower Upper
42	100
72	56.6 43.0 64.4
71	52.0 40.8 61.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/23/2024
Supervised By :Semsettin Yesilyurt 02/23/2024



#30

Chloroform

Concen: 51.711 ug/l

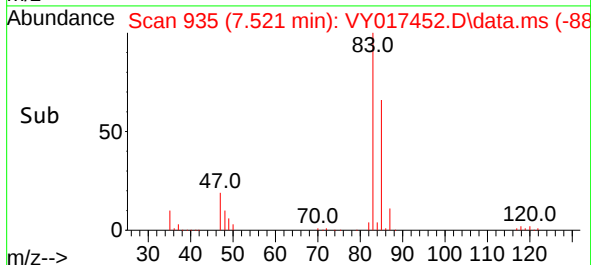
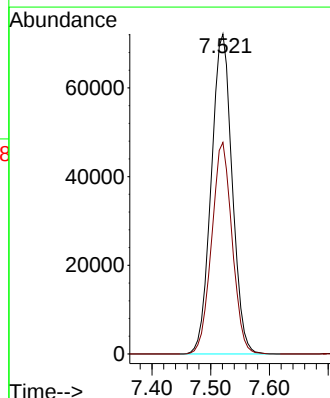
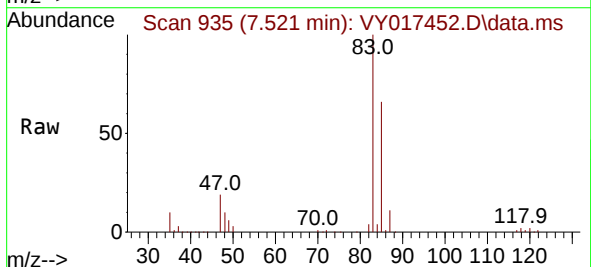
RT: 7.521 min Scan# 935

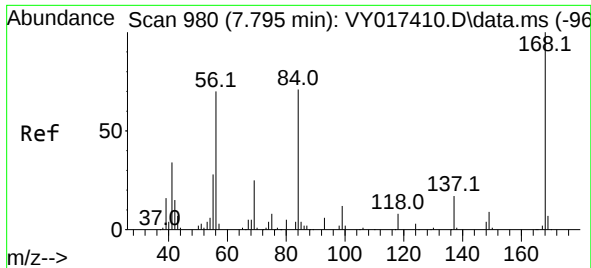
Delta R.T. 0.006 min

Lab File: VY017452.D

Acq: 22 Feb 2024 11:51

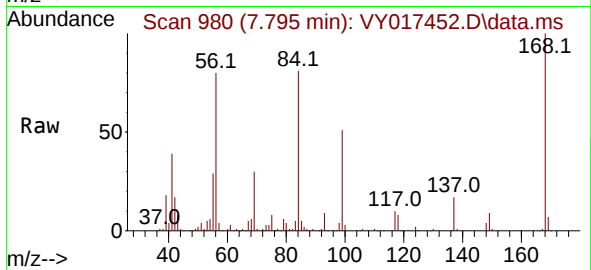
Tgt Ion: 83	Resp: 178124
Ion Ratio	Lower Upper
83	100
85	66.1 52.2 78.4





#31
Cyclohexane
Concen: 48.305 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY017452.D
Acq: 22 Feb 2024 11:51

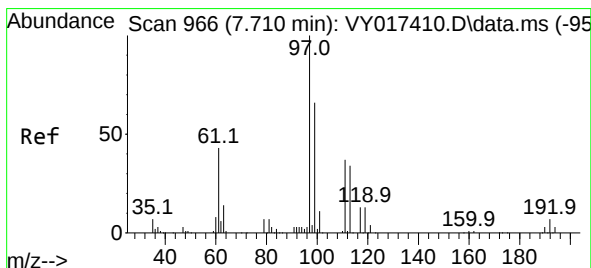
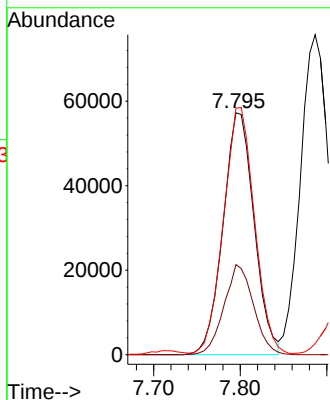
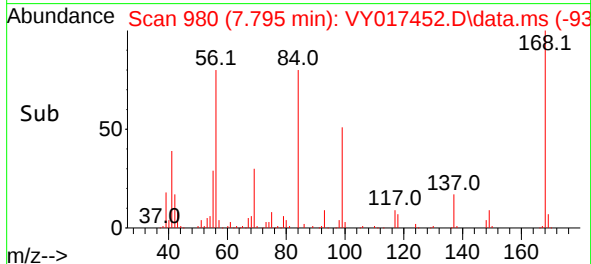
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



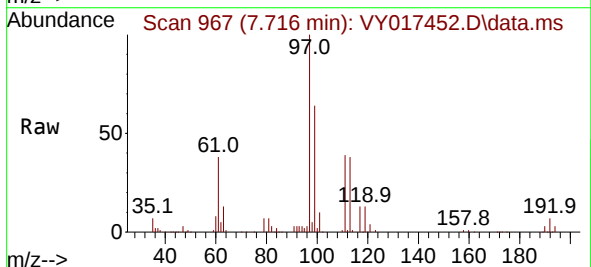
Tgt Ion: 56 Resp: 142864
Ion Ratio Lower Upper
56 100
69 37.2 28.7 43.1
84 100.8 77.7 116.5

Manual Integrations
APPROVED

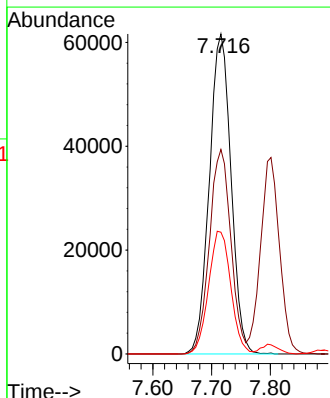
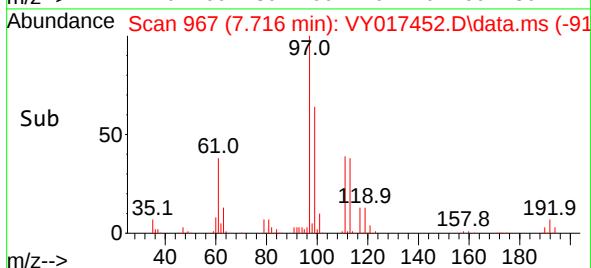
Reviewed By :Mahesh Dadoda 02/23/2024
Supervised By :Semsettin Yesilyurt 02/23/2024

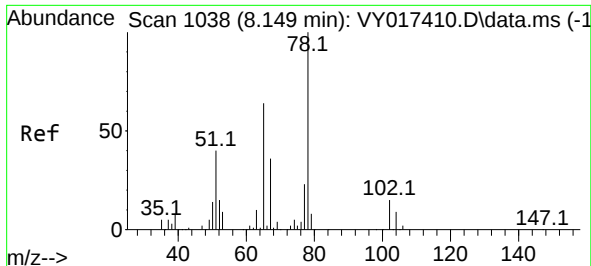


#32
1,1,1-Trichloroethane
Concen: 51.841 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.006 min
Lab File: VY017452.D
Acq: 22 Feb 2024 11:51



Tgt Ion: 97 Resp: 157724
Ion Ratio Lower Upper
97 100
99 63.6 50.3 75.5
61 39.4 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 46.019 ug/l

RT: 8.155 min Scan# 1109

Delta R.T. 0.006 min

Lab File: VY017452.D

Acq: 22 Feb 2024 11:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 68752

Ion Ratio Lower Upper

65 100

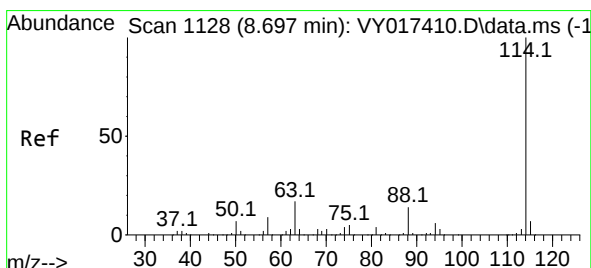
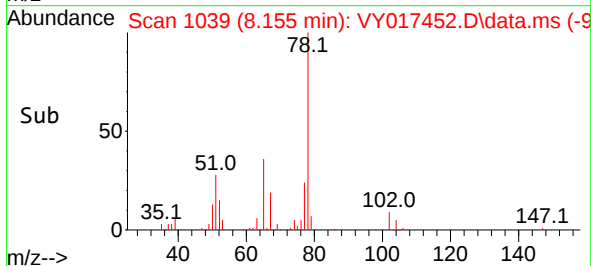
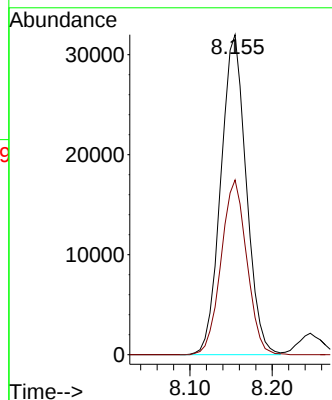
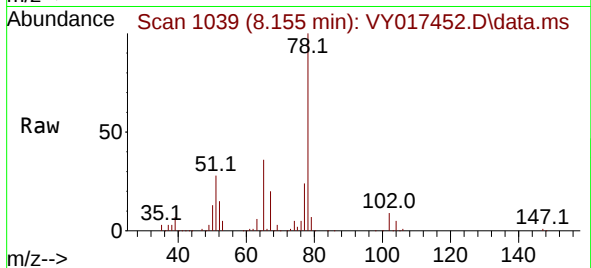
67 55.1 0.0 109.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/23/2024

Supervised By :Semsettin Yesilyurt 02/23/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.703 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VY017452.D

Acq: 22 Feb 2024 11:51

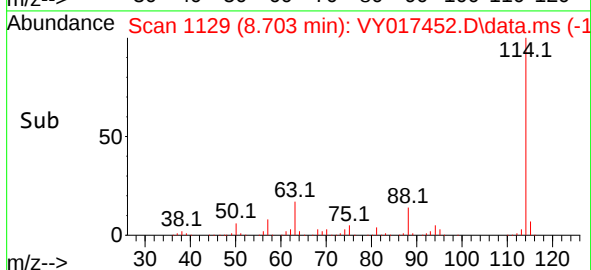
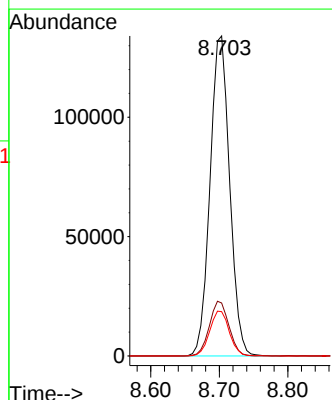
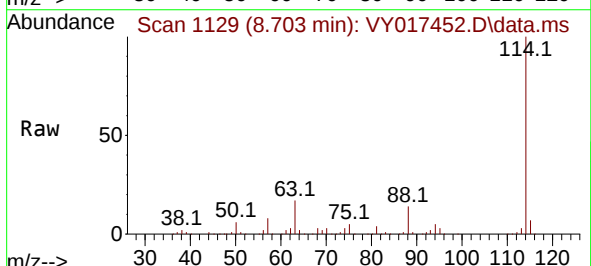
Tgt Ion:114 Resp: 266766

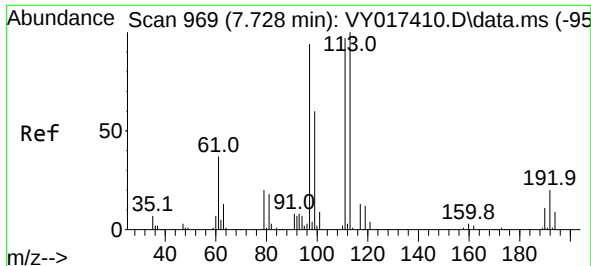
Ion Ratio Lower Upper

114 100

63 16.6 0.0 35.0

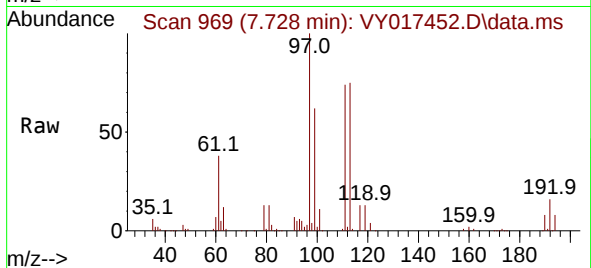
88 13.9 0.0 27.2





#35
Dibromofluoromethane
Concen: 51.655 ug/l
RT: 7.728 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY017452.D
Acq: 22 Feb 2024 11:51

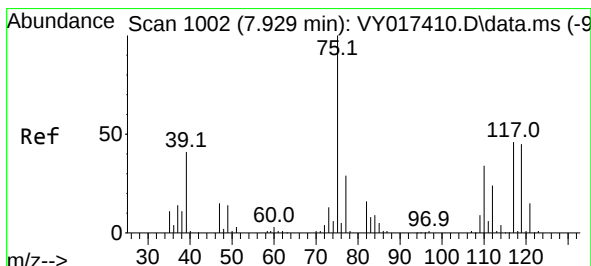
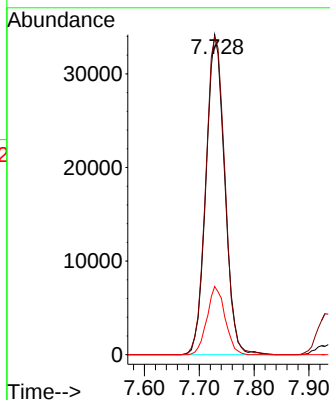
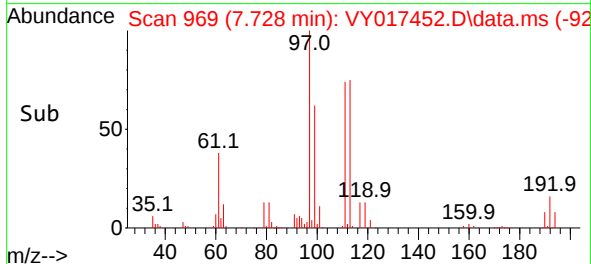
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



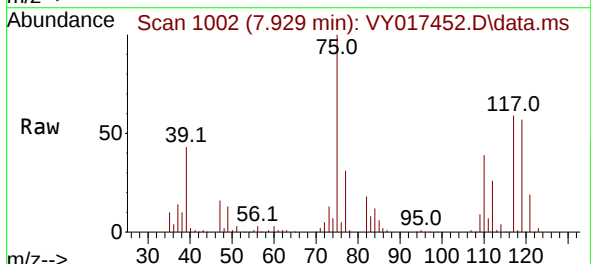
Tgt Ion:113 Resp: 80662
Ion Ratio Lower Upper
113 100
111 102.4 82.2 123.4
192 20.7 15.9 23.9

Manual Integrations
APPROVED

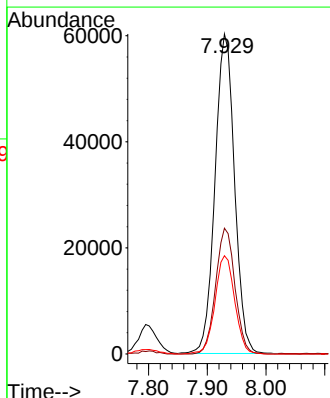
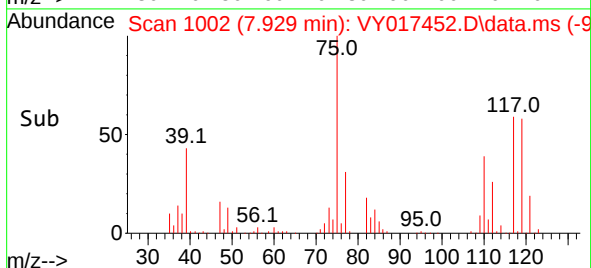
Reviewed By :Mahesh Dadoda 02/23/2024
Supervised By :Semsettin Yesilyurt 02/23/2024

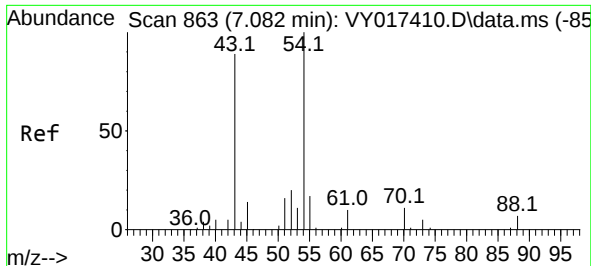


#36
1,1-Dichloropropene
Concen: 53.350 ug/l
RT: 7.929 min Scan# 1002
Delta R.T. 0.000 min
Lab File: VY017452.D
Acq: 22 Feb 2024 11:51



Tgt Ion: 75 Resp: 139137
Ion Ratio Lower Upper
75 100
110 38.8 19.0 57.0
77 31.0 25.3 37.9





#37

Ethyl Acetate

Concen: 49.519 ug/l

RT: 7.088 min Scan# 863

Delta R.T. 0.006 min

Lab File: VY017452.D

Acq: 22 Feb 2024 11:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

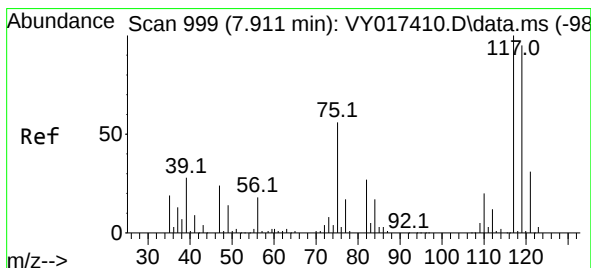
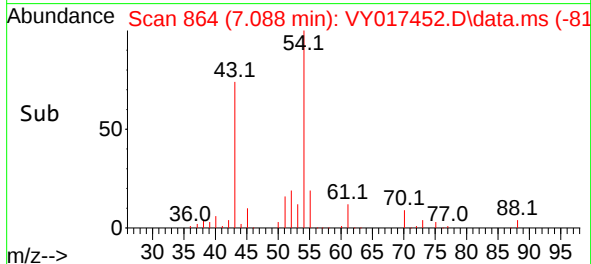
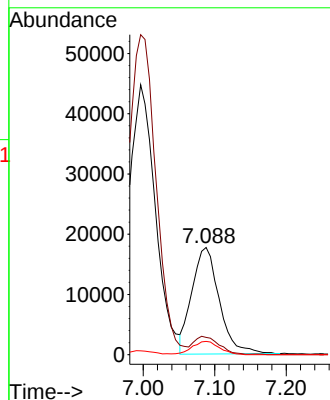
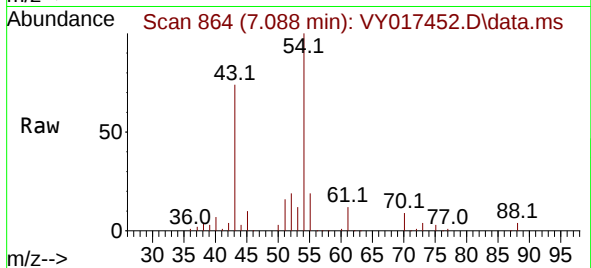
Tgt Ion: 43 Resp: 47025

Ion	Ratio	Lower	Upper
43	100		
61	15.0	12.6	19.0
70	12.4	7.8	11.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/23/2024
Supervised By :Semsettin Yesilyurt 02/23/2024



#38

Carbon Tetrachloride

Concen: 54.849 ug/l

RT: 7.911 min Scan# 999

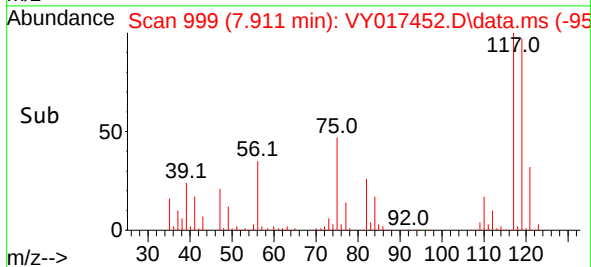
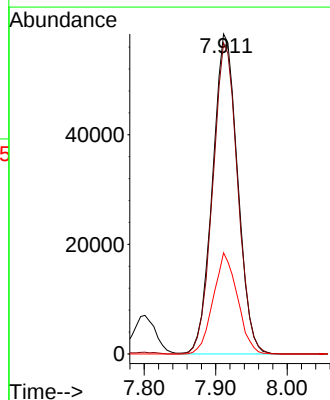
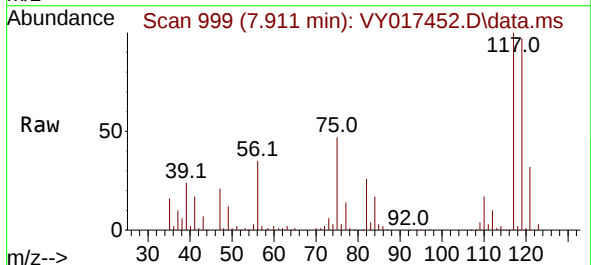
Delta R.T. 0.000 min

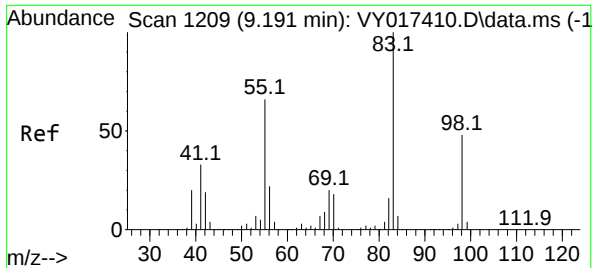
Lab File: VY017452.D

Acq: 22 Feb 2024 11:51

Tgt Ion:117 Resp: 142420

Ion	Ratio	Lower	Upper
117	100		
119	97.2	75.8	113.6
121	31.6	24.0	36.0





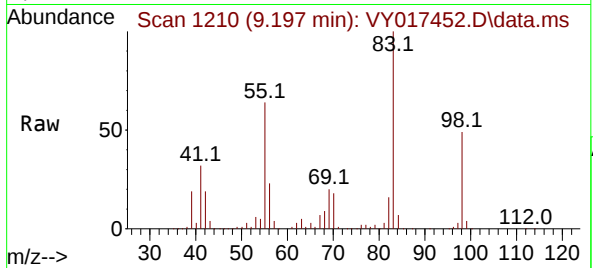
#39
Methylcyclohexane
Concen: 54.968 ug/l
RT: 9.197 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017452.D
Acq: 22 Feb 2024 11:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

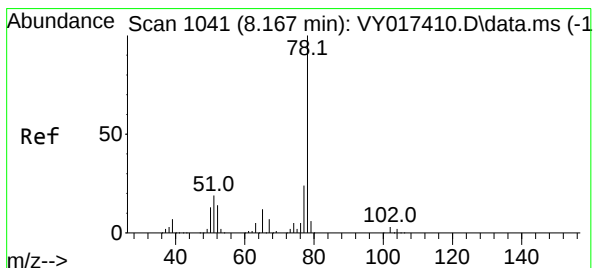
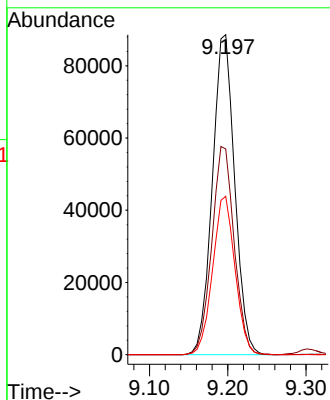
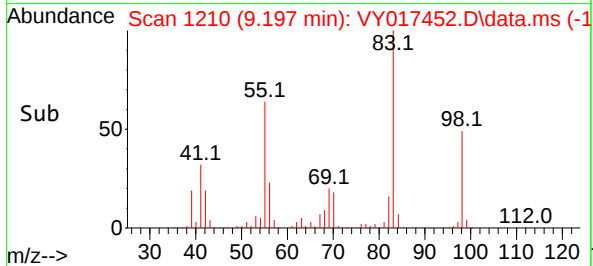


Tgt Ion: 83 Resp: 175478
Ion Ratio Lower Upper
83 100
55 64.3 51.5 77.3
98 49.5 40.5 60.7

Manual Integrations

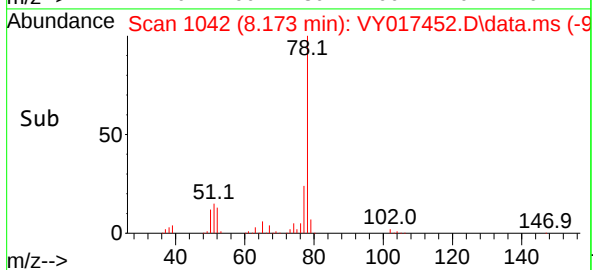
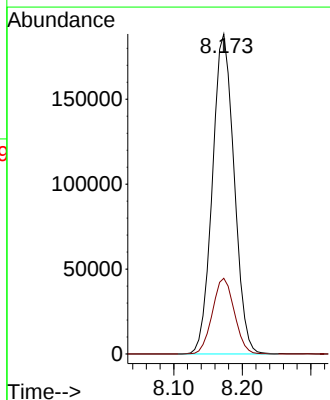
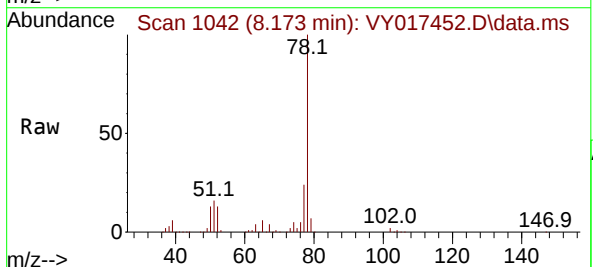
APPROVED

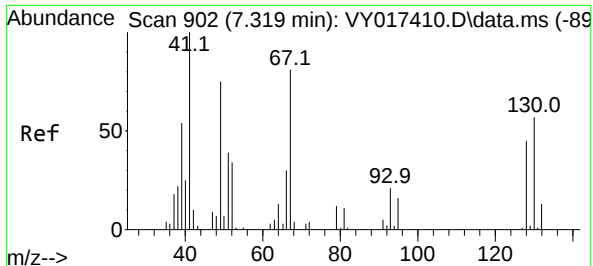
Reviewed By :Mahesh Dadoda 02/23/2024
Supervised By :Semsettin Yesilyurt 02/23/2024



#40
Benzene
Concen: 54.428 ug/l
RT: 8.173 min Scan# 1042
Delta R.T. 0.006 min
Lab File: VY017452.D
Acq: 22 Feb 2024 11:51

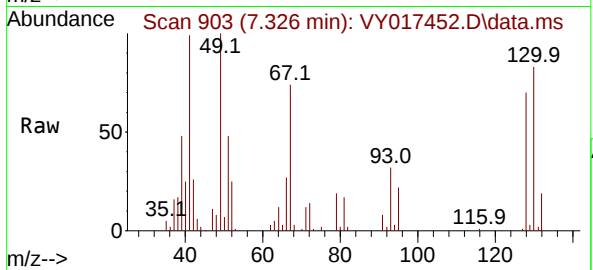
Tgt Ion: 78 Resp: 414728
Ion Ratio Lower Upper
78 100
77 23.7 19.5 29.3





#41
Methacrylonitrile
Concen: 51.403 ug/l
RT: 7.326 min Scan# 902
Delta R.T. 0.006 min
Lab File: VY017452.D
Acq: 22 Feb 2024 11:51

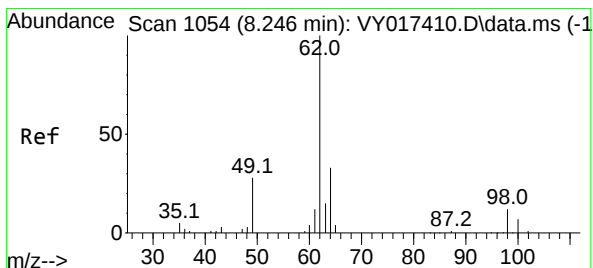
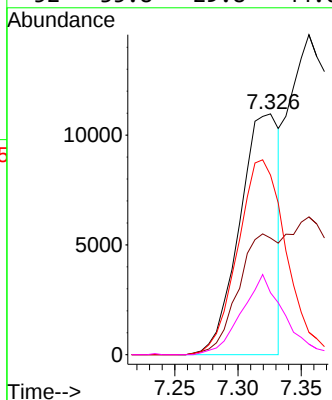
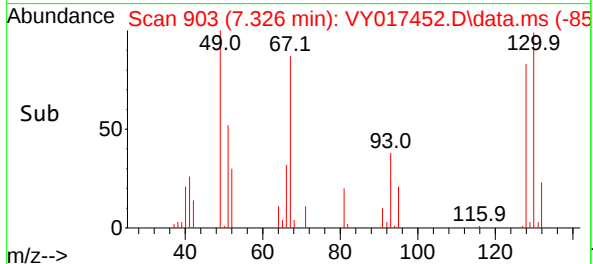
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 23839
Ion Ratio Lower Upper
41 100
39 51.0 48.0 72.0
67 100.3 75.1 112.7
52 35.8 29.8 44.6

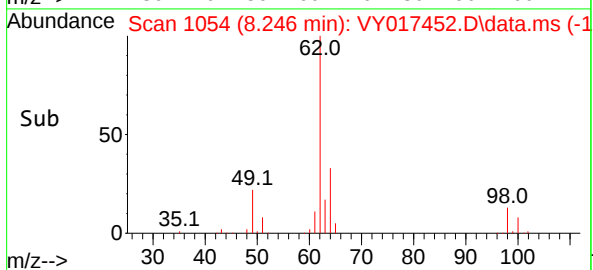
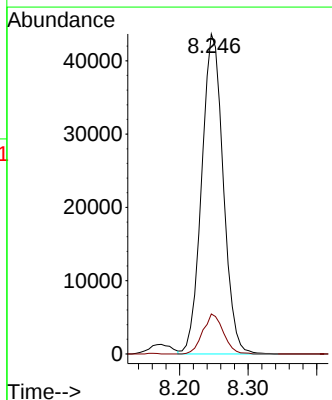
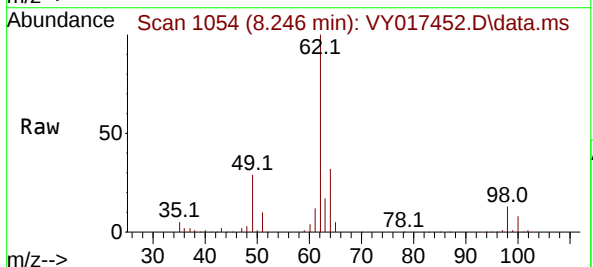
Manual Integrations
APPROVED

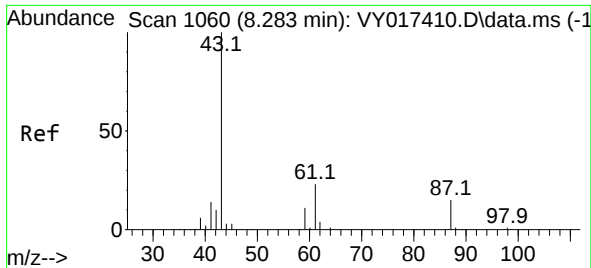
Reviewed By :Mahesh Dadoda 02/23/2024
Supervised By :Semsettin Yesilyurt 02/23/2024



#42
1,2-Dichloroethane
Concen: 51.710 ug/l
RT: 8.246 min Scan# 1054
Delta R.T. 0.000 min
Lab File: VY017452.D
Acq: 22 Feb 2024 11:51

Tgt Ion: 62 Resp: 95642
Ion Ratio Lower Upper
62 100
98 11.9 0.0 22.0





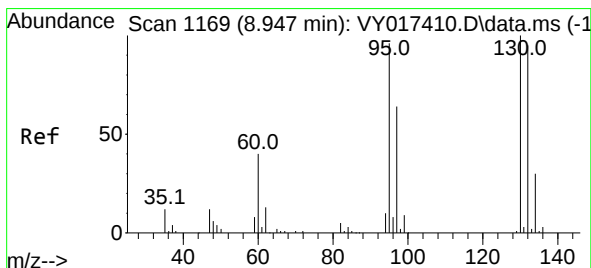
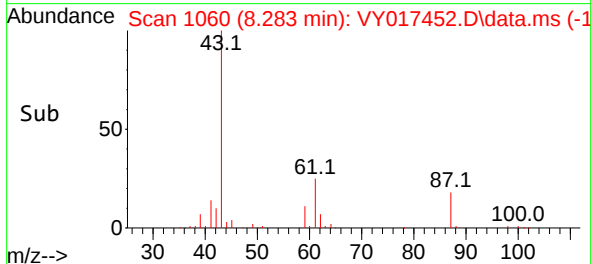
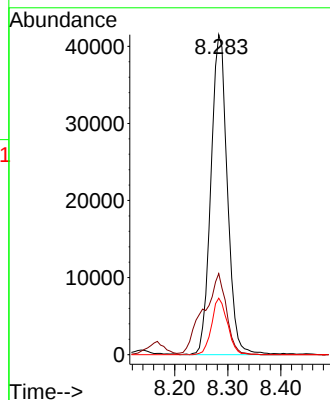
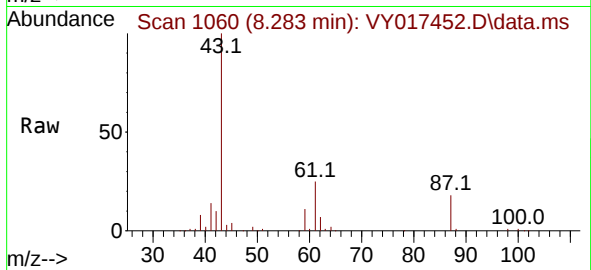
#43
Isopropyl Acetate
Concen: 52.108 ug/l
RT: 8.283 min Scan# 1060
Delta R.T. 0.000 min
Lab File: VY017452.D
Acq: 22 Feb 2024 11:51

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 8942
Ion Ratio Lower Upper
43 100
61 35.4 27.9 41.9
87 17.1 13.1 19.7

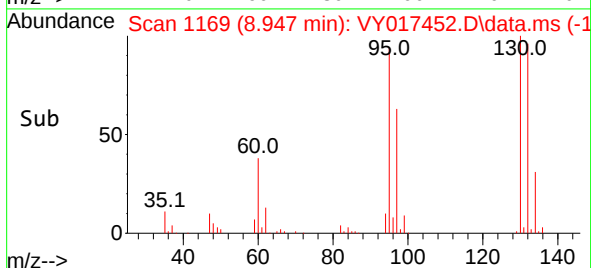
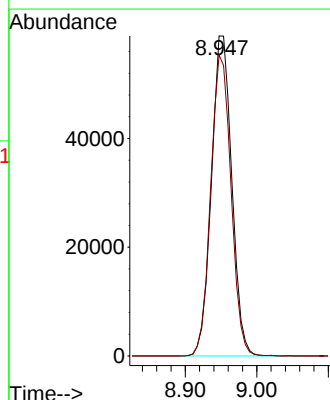
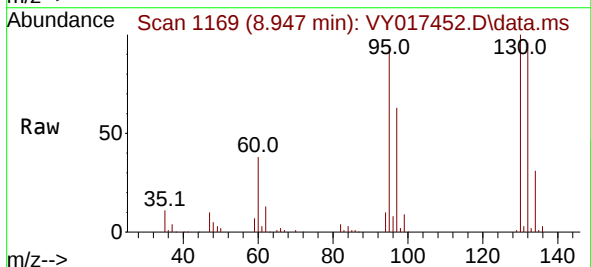
Manual Integrations
APPROVED

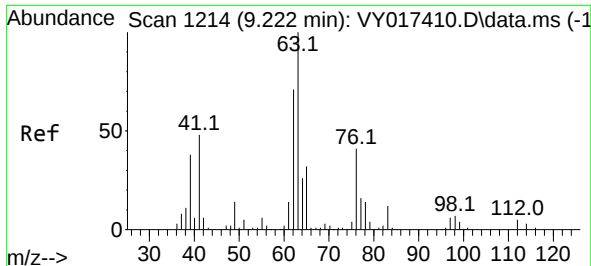
Reviewed By :Mahesh Dadoda 02/23/2024
Supervised By :Semsettin Yesilyurt 02/23/2024



#44
Trichloroethene
Concen: 56.302 ug/l
RT: 8.947 min Scan# 1169
Delta R.T. 0.000 min
Lab File: VY017452.D
Acq: 22 Feb 2024 11:51

Tgt Ion:130 Resp: 116286
Ion Ratio Lower Upper
130 100
95 94.1 0.0 188.0





#45

1,2-Dichloropropane

Concen: 53.394 ug/l

RT: 9.228 min Scan# 1214

Delta R.T. 0.006 min

Lab File: VY017452.D

Acq: 22 Feb 2024 11:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 9404

Ion Ratio Lower Upper

63 100

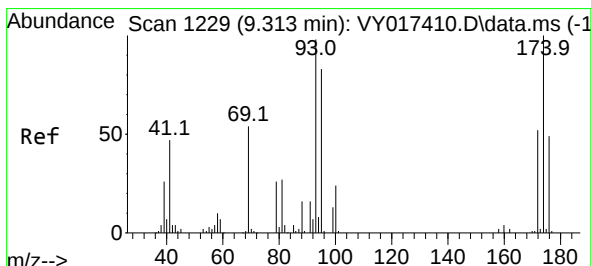
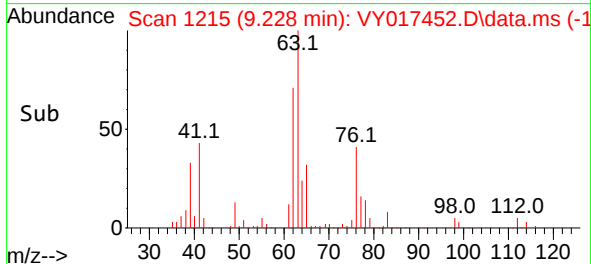
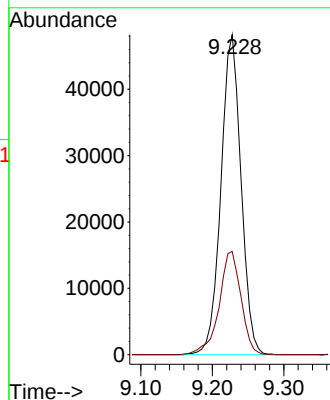
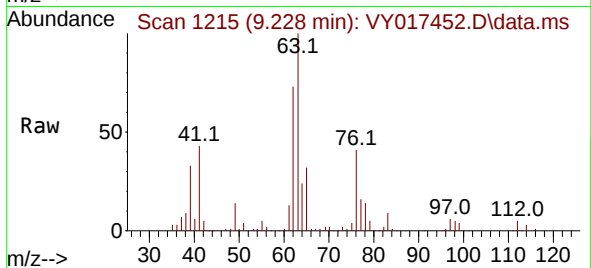
65 32.3 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/23/2024

Supervised By :Semsettin Yesilyurt 02/23/2024



#46

Dibromomethane

Concen: 53.350 ug/l

RT: 9.313 min Scan# 1229

Delta R.T. 0.000 min

Lab File: VY017452.D

Acq: 22 Feb 2024 11:51

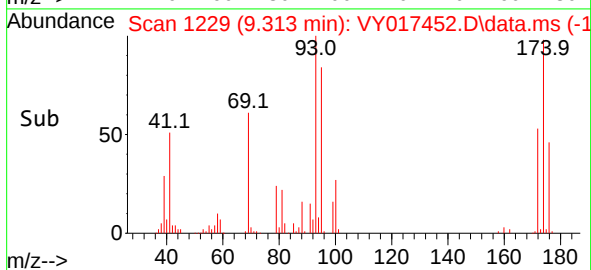
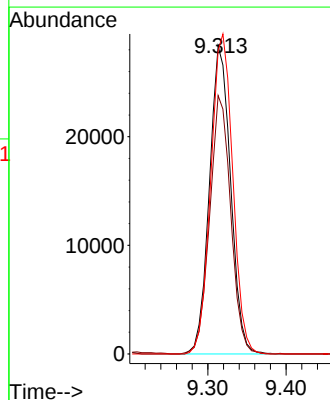
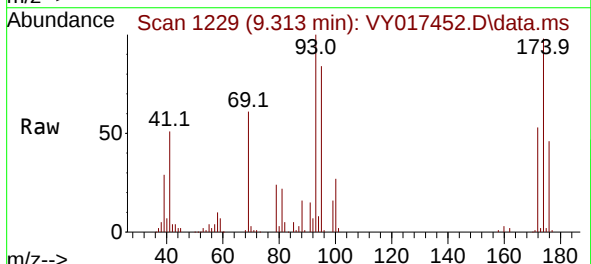
Tgt Ion: 93 Resp: 53411

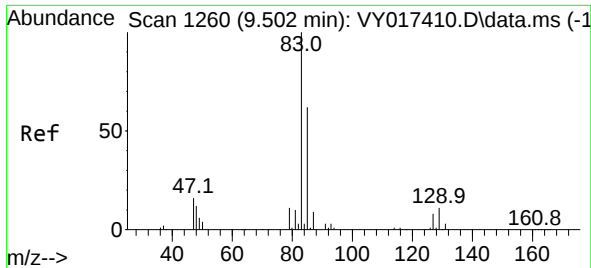
Ion Ratio Lower Upper

93 100

95 83.1 66.2 99.4

174 107.4 80.9 121.3





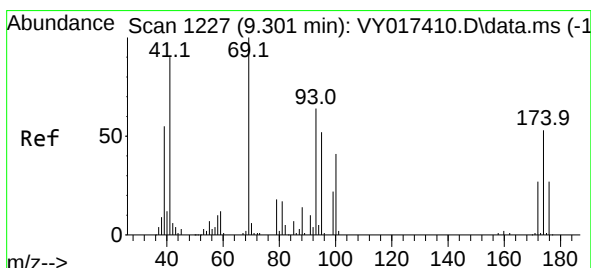
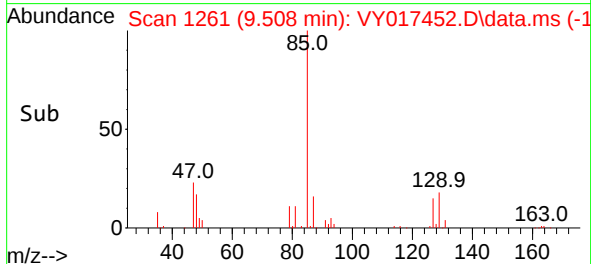
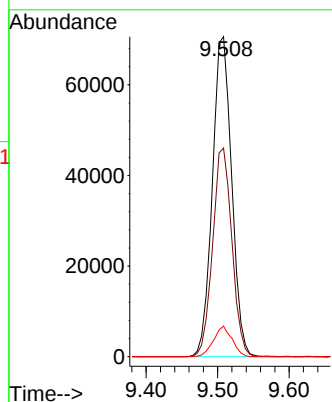
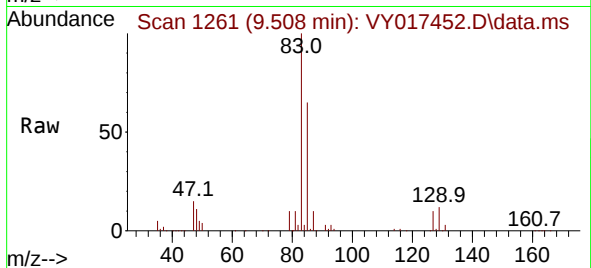
#47
Bromodichloromethane
Concen: 53.830 ug/l
RT: 9.508 min Scan# 1260
Delta R.T. 0.006 min
Lab File: VY017452.D
Acq: 22 Feb 2024 11:51

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 13250
Ion Ratio Lower Upper
83 100
85 65.2 50.1 75.1
127 9.6 7.4 11.0

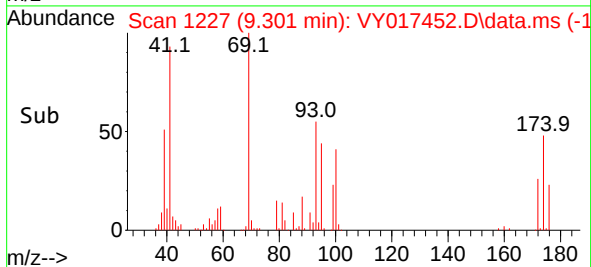
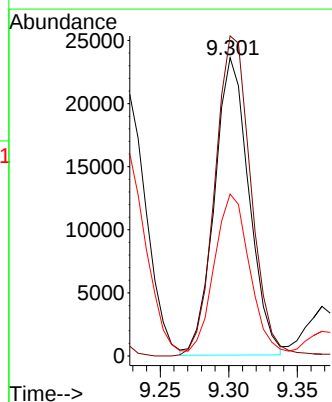
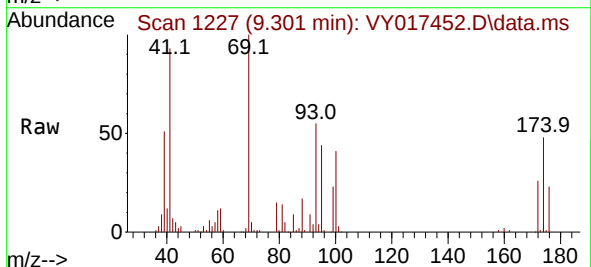
Manual Integrations
APPROVED

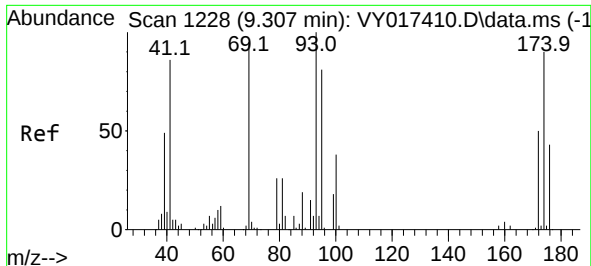
Reviewed By :Mahesh Dadoda 02/23/2024
Supervised By :Semsettin Yesilyurt 02/23/2024



#48
Methyl methacrylate
Concen: 51.305 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. 0.000 min
Lab File: VY017452.D
Acq: 22 Feb 2024 11:51

Tgt Ion: 41 Resp: 41309
Ion Ratio Lower Upper
41 100
69 112.4 84.1 126.1
39 53.2 43.6 65.4





#49

1,4-Dioxane

Concen: 1091.206 ug/l

RT: 9.307 min Scan# 11420

Delta R.T. 0.000 min

Lab File: VY017452.D

Acq: 22 Feb 2024 11:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 11420

Ion Ratio Lower Upper

88 100

43 26.3 0.0 0.0

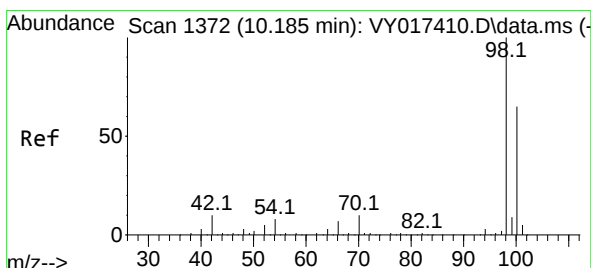
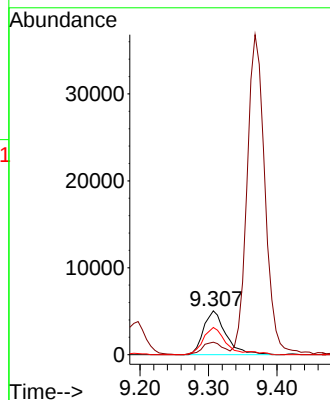
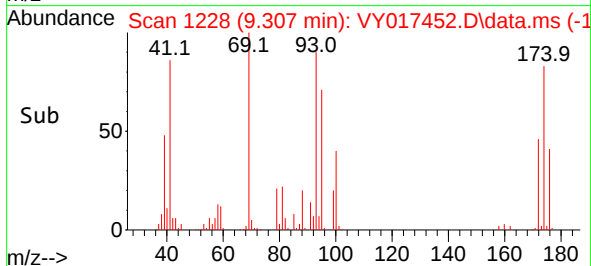
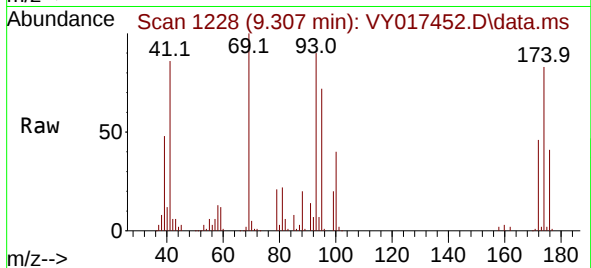
58 59.8 49.3 73.9

Manual Integrations

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Reviewed By :Mahesh Dadoda 02/23/2024

Supervised By :Semsettin Yesilyurt 02/23/2024



#50

Toluene-d8

Concen: 51.612 ug/l

RT: 10.191 min Scan# 1373

Delta R.T. 0.006 min

Lab File: VY017452.D

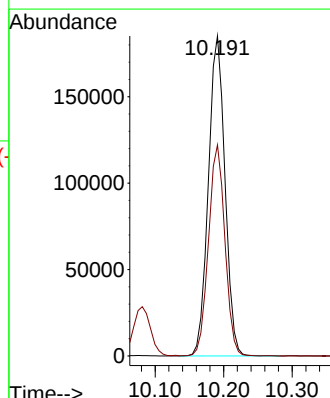
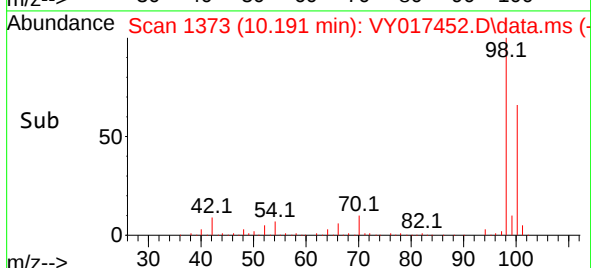
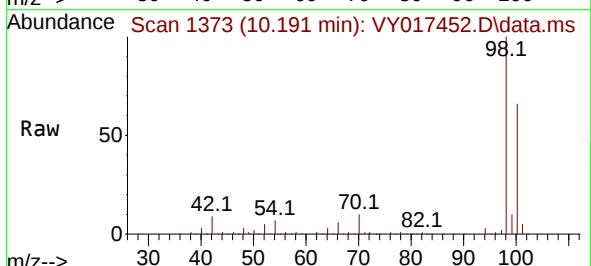
Acq: 22 Feb 2024 11:51

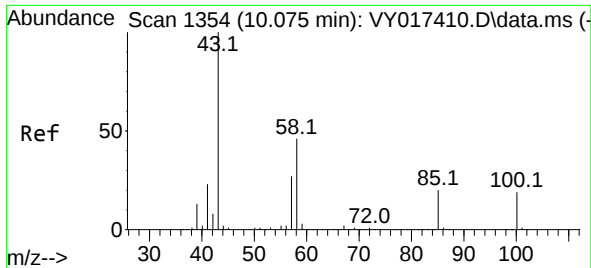
Tgt Ion: 98 Resp: 312574

Ion Ratio Lower Upper

98 100

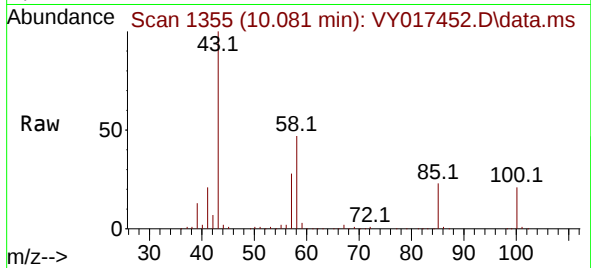
100 65.3 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 261.892 ug/l
RT: 10.081 min Scan# 1355
Delta R.T. 0.006 min
Lab File: VY017452.D
Acq: 22 Feb 2024 11:51

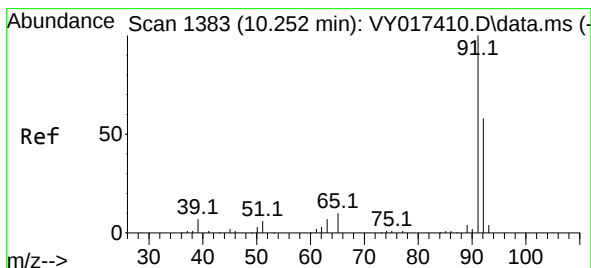
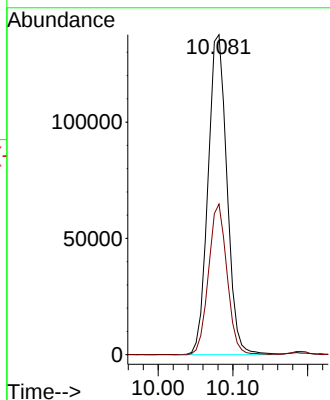
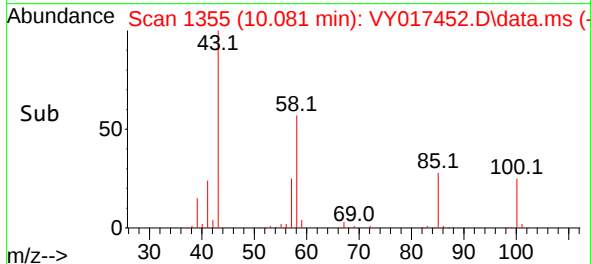
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 242168
Ion Ratio Lower Upper
43 100
58 45.9 35.7 53.5

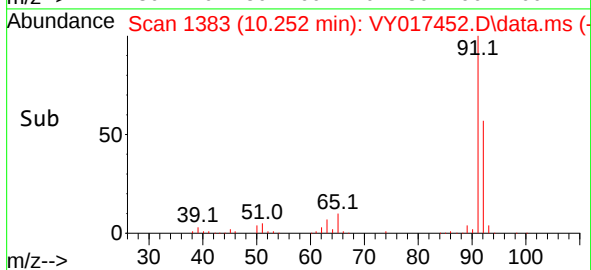
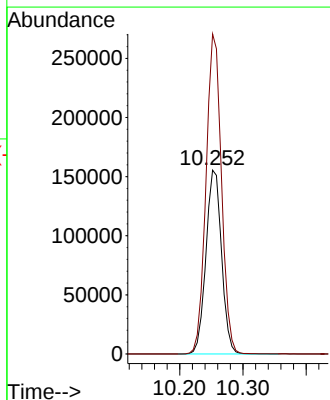
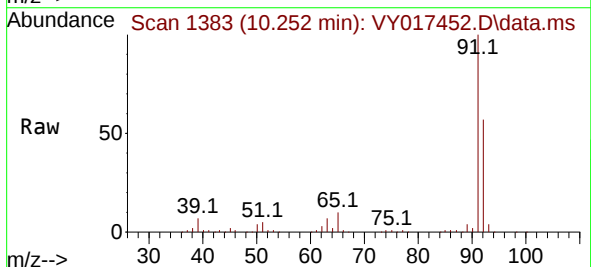
Manual Integrations
APPROVED

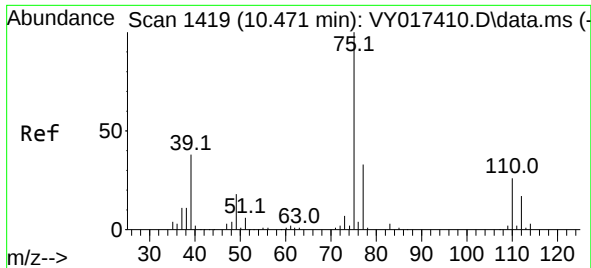
Reviewed By :Mahesh Dadoda 02/23/2024
Supervised By :Semsettin Yesilyurt 02/23/2024



#52
Toluene
Concen: 56.069 ug/l
RT: 10.252 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VY017452.D
Acq: 22 Feb 2024 11:51

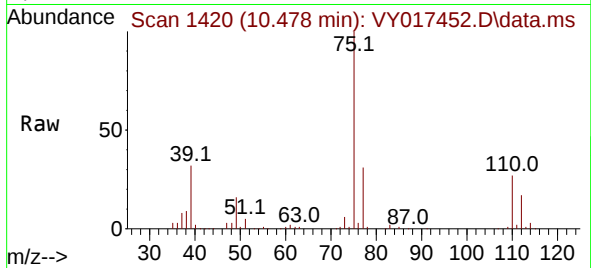
Tgt Ion: 92 Resp: 266717
Ion Ratio Lower Upper
92 100
91 172.3 139.0 208.6





#53
t-1,3-Dichloropropene
Concen: 55.355 ug/l
RT: 10.478 min Scan# 1419
Delta R.T. 0.006 min
Lab File: VY017452.D
Acq: 22 Feb 2024 11:51

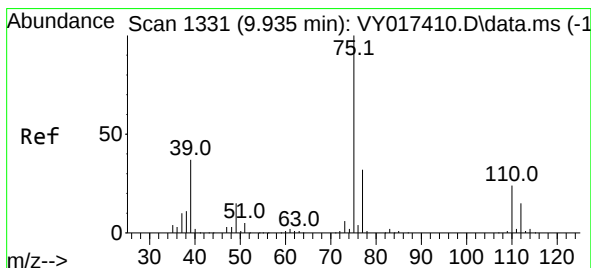
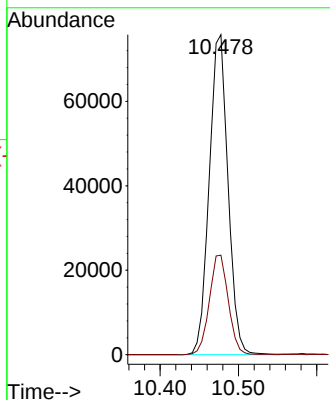
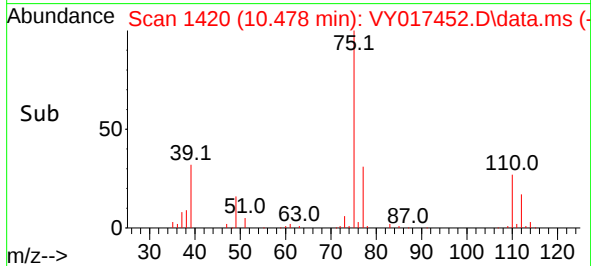
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



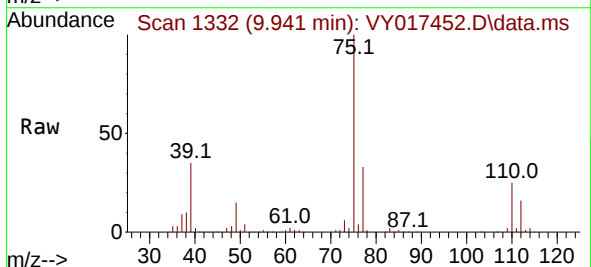
Tgt Ion: 75 Resp: 12616
Ion Ratio Lower Upper
75 100
77 31.1 24.1 36.1

Manual Integrations
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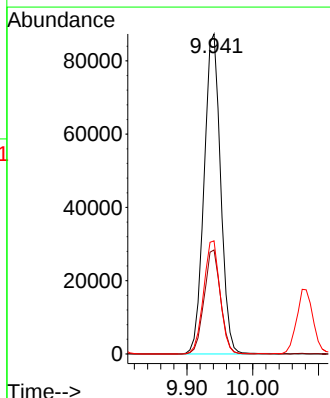
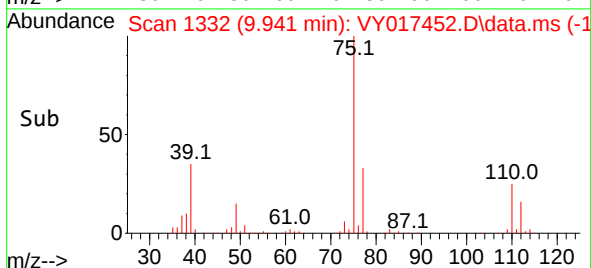
Reviewed By :Mahesh Dadoda 02/23/2024
Supervised By :Semsettin Yesilyurt 02/23/2024

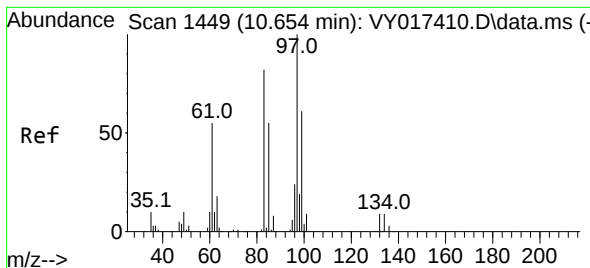


#54
cis-1,3-Dichloropropene
Concen: 54.584 ug/l
RT: 9.941 min Scan# 1332
Delta R.T. 0.006 min
Lab File: VY017452.D
Acq: 22 Feb 2024 11:51



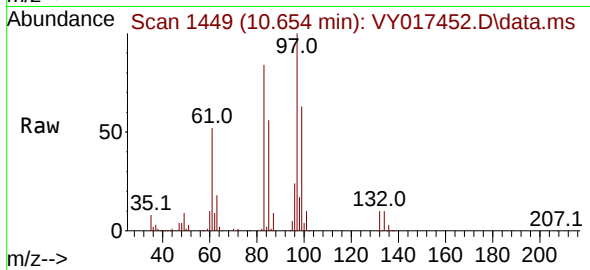
Tgt Ion: 75 Resp: 152636
Ion Ratio Lower Upper
75 100
77 32.5 25.4 38.0
39 35.4 29.8 44.6





#55
1,1,2-Trichloroethane
Concen: 54.027 ug/l
RT: 10.654 min Scan# 1449
Delta R.T. 0.000 min
Lab File: VY017452.D
Acq: 22 Feb 2024 11:51

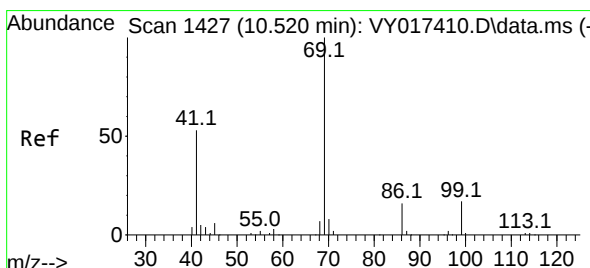
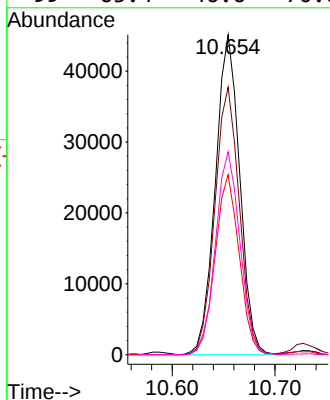
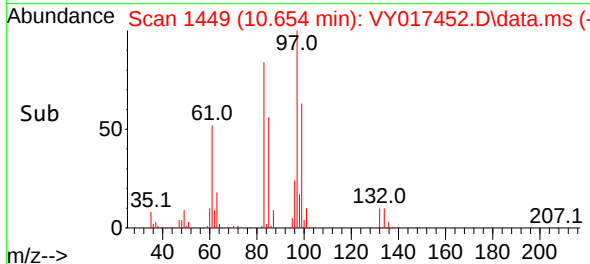
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 97 Resp: 7442
Ion Ratio Lower Upper
97 100
83 83.6 67.5 101.3
85 56.3 42.9 64.3
99 63.4 46.6 70.0

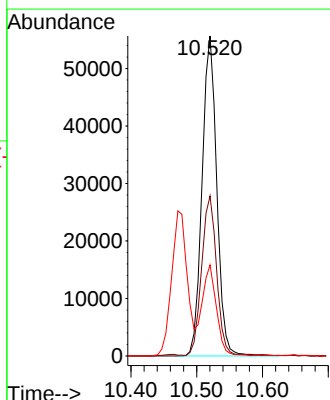
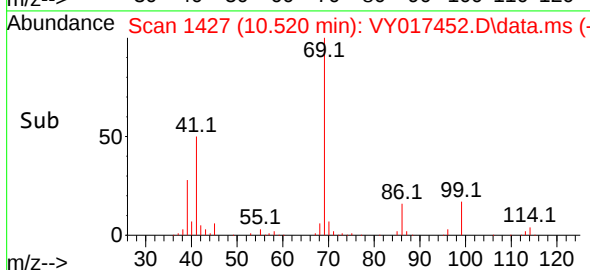
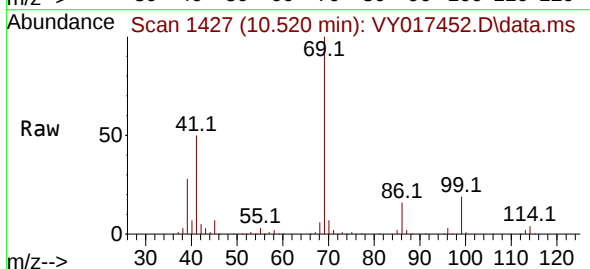
Manual Integrations
APPROVED

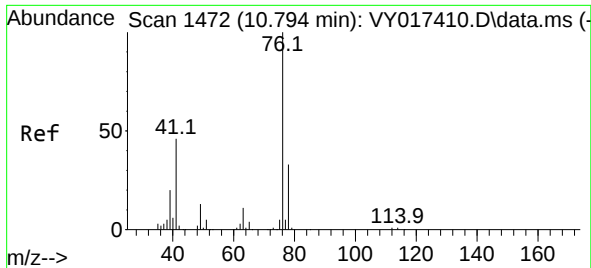
Reviewed By :Mahesh Dadoda 02/23/2024
Supervised By :Semsettin Yesilyurt 02/23/2024



#56
Ethyl methacrylate
Concen: 49.881 ug/l
RT: 10.520 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VY017452.D
Acq: 22 Feb 2024 11:51

Tgt Ion: 69 Resp: 86681
Ion Ratio Lower Upper
69 100
41 50.5 42.3 63.5
39 27.8 22.9 34.3





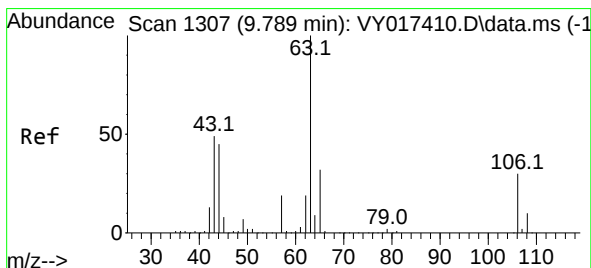
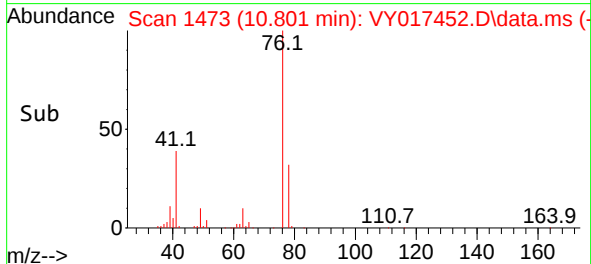
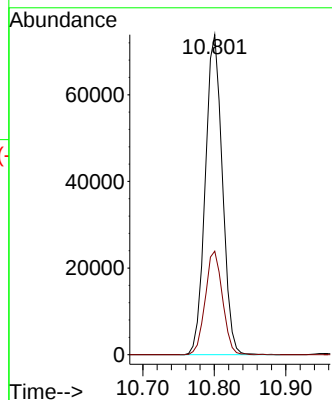
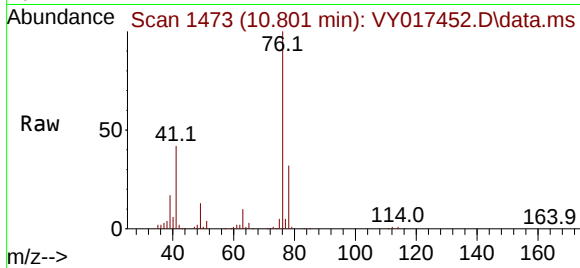
#57
1,3-Dichloropropane
Concen: 53.670 ug/l
RT: 10.801 min Scan# 1473
Delta R.T. 0.006 min
Lab File: VY017452.D
Acq: 22 Feb 2024 11:51

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 12232
Ion Ratio Lower Upper
76 100
78 32.7 26.2 39.4

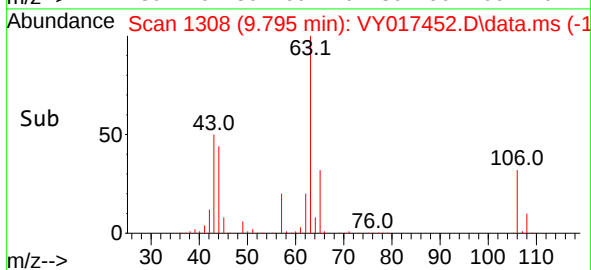
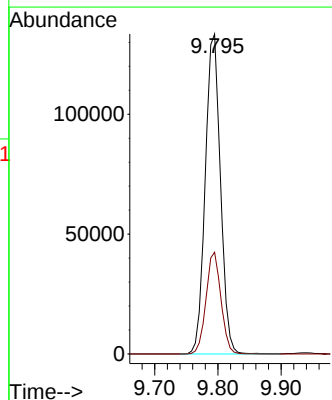
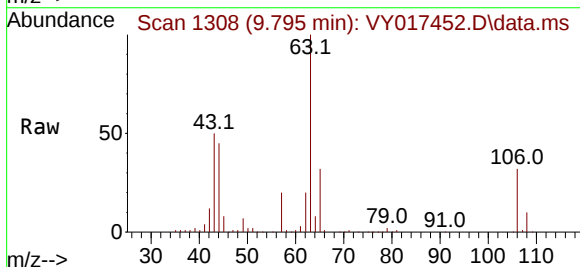
Manual Integrations
APPROVED

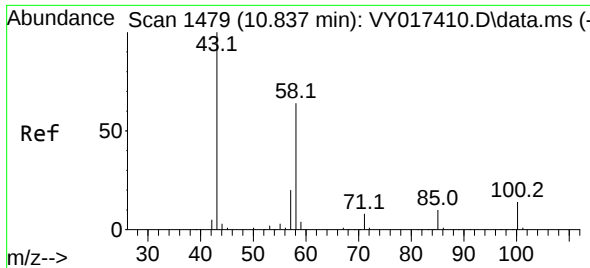
Reviewed By :Mahesh Dadoda 02/23/2024
Supervised By :Semsettin Yesilyurt 02/23/2024



#58
2-Chloroethyl Vinyl ether
Concen: 271.241 ug/l
RT: 9.795 min Scan# 1308
Delta R.T. 0.006 min
Lab File: VY017452.D
Acq: 22 Feb 2024 11:51

Tgt Ion: 63 Resp: 223245
Ion Ratio Lower Upper
63 100
106 31.2 23.7 35.5





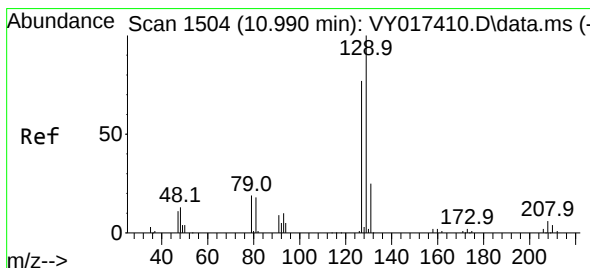
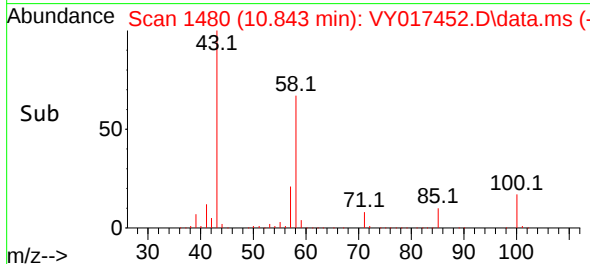
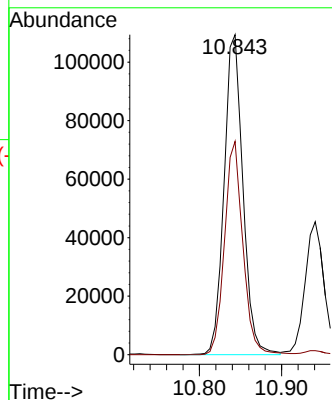
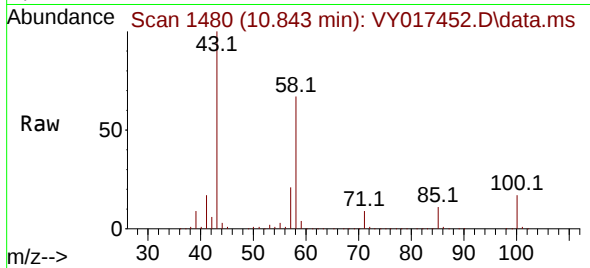
#59
2-Hexanone
Concen: 273.464 ug/l
RT: 10.843 min Scan# 1479
Delta R.T. 0.006 min
Lab File: VY017452.D
Acq: 22 Feb 2024 11:51

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 17417
Ion Ratio Lower Upper
43 100
58 64.9 31.4 94.0

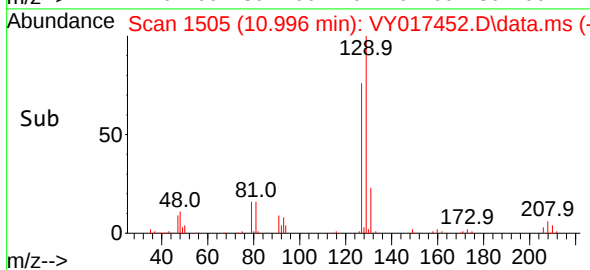
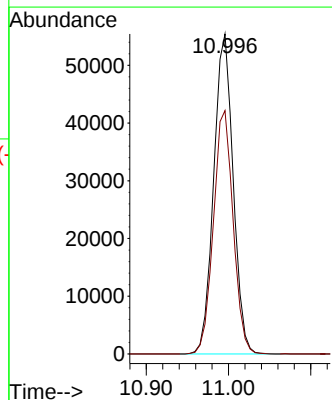
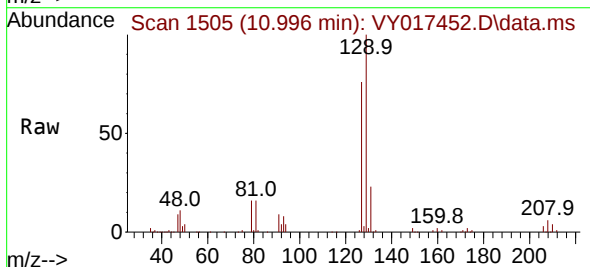
Manual Integrations
APPROVED

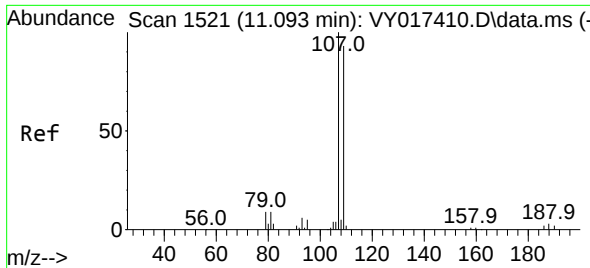
Reviewed By :Mahesh Dadoda 02/23/2024
Supervised By :Semsettin Yesilyurt 02/23/2024



#60
Dibromochloromethane
Concen: 55.554 ug/l
RT: 10.996 min Scan# 1505
Delta R.T. 0.006 min
Lab File: VY017452.D
Acq: 22 Feb 2024 11:51

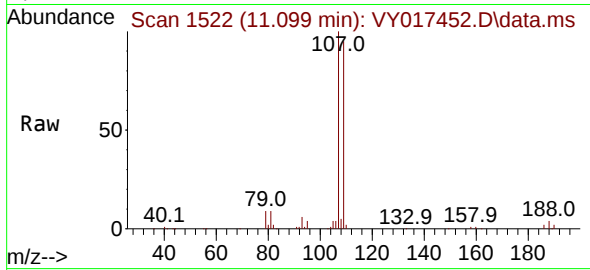
Tgt Ion:129 Resp: 90968
Ion Ratio Lower Upper
129 100
127 77.2 39.0 117.0





#61
1,2-Dibromoethane
Concen: 54.581 ug/l
RT: 11.099 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017452.D
Acq: 22 Feb 2024 11:51

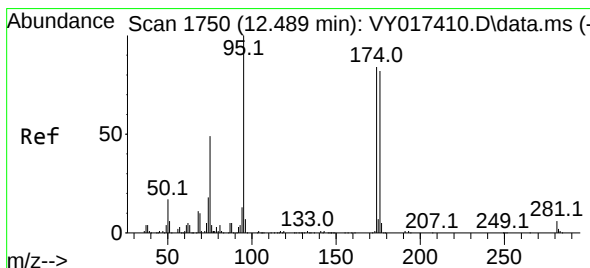
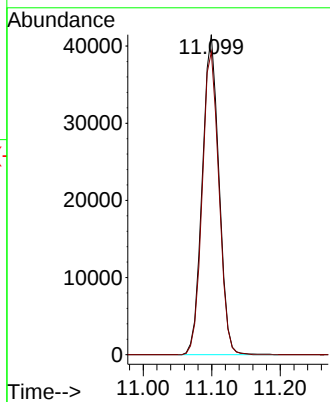
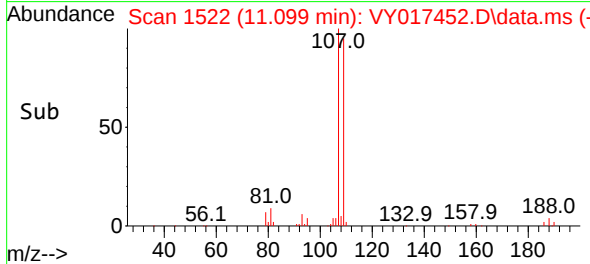
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion:107 Resp: 70340
Ion Ratio Lower Upper
107 100
109 94.7 75.9 113.9

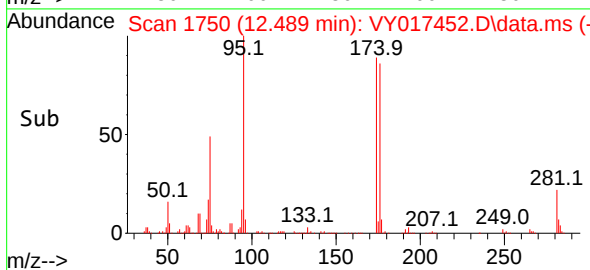
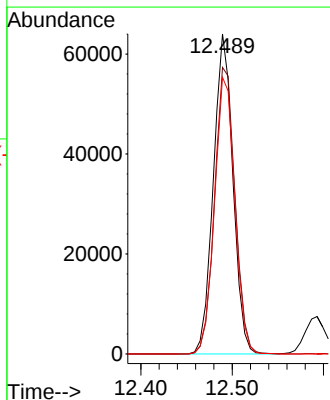
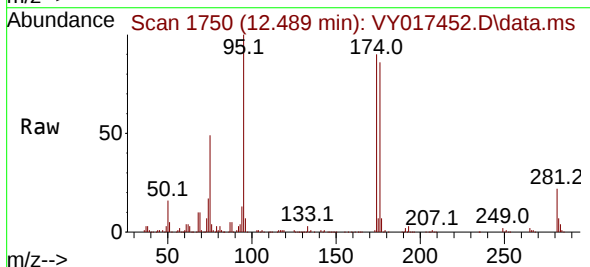
Manual Integrations
APPROVED

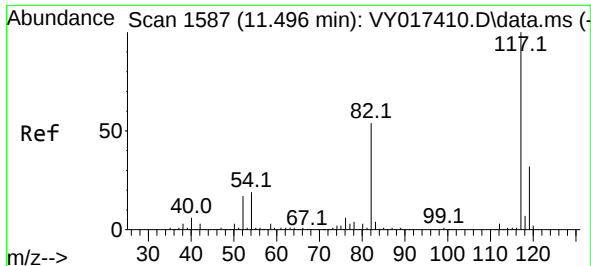
Reviewed By :Mahesh Dadoda 02/23/2024
Supervised By :Semsettin Yesilyurt 02/23/2024



#62
4-Bromofluorobenzene
Concen: 47.196 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VY017452.D
Acq: 22 Feb 2024 11:51

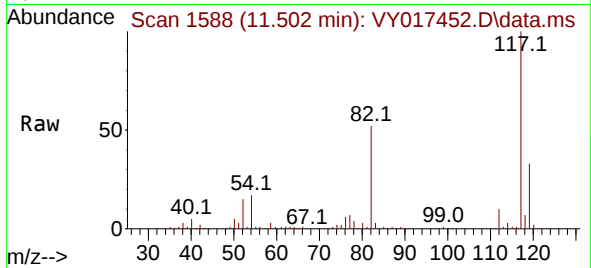
Tgt Ion: 95 Resp: 95127
Ion Ratio Lower Upper
95 100
174 93.7 0.0 175.6
176 89.9 0.0 171.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 11588
Delta R.T. 0.006 min
Lab File: VY017452.D
Acq: 22 Feb 2024 11:51

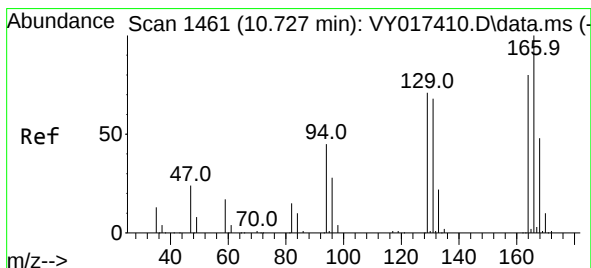
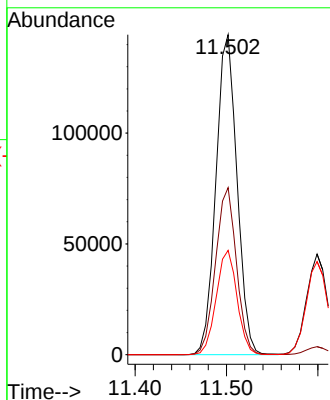
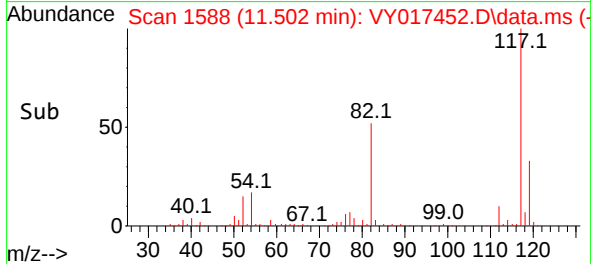
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 23144
Ion Ratio Lower Upper
117 100
82 52.2 42.4 63.6
119 32.6 25.9 38.9

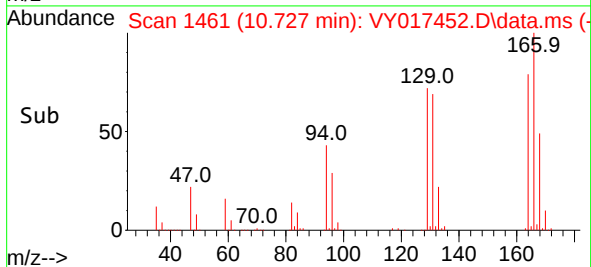
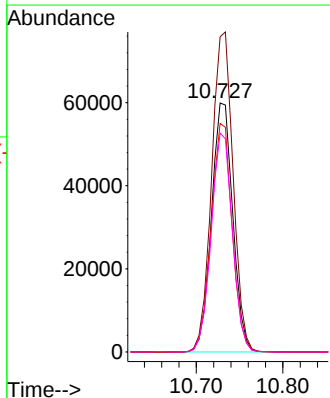
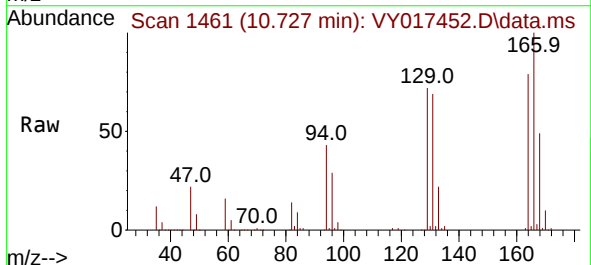
Manual Integrations
APPROVED

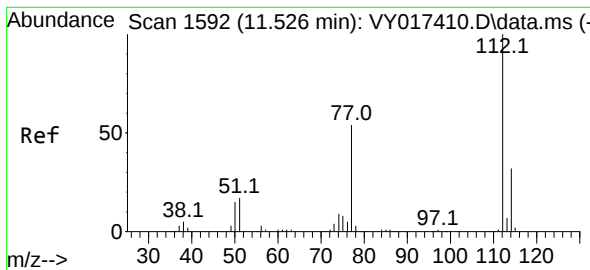
Reviewed By :Mahesh Dadoda 02/23/2024
Supervised By :Semsettin Yesilyurt 02/23/2024



#64
Tetrachloroethene
Concen: 55.322 ug/l
RT: 10.727 min Scan# 1461
Delta R.T. 0.000 min
Lab File: VY017452.D
Acq: 22 Feb 2024 11:51

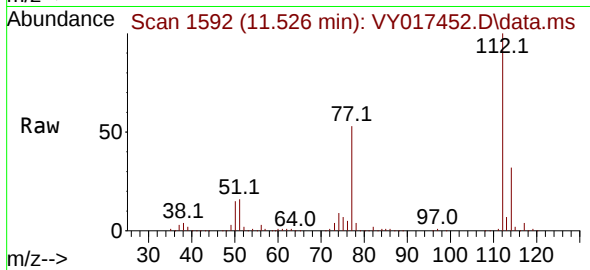
Tgt Ion:164 Resp: 102469
Ion Ratio Lower Upper
164 100
166 126.6 102.6 154.0
129 91.7 72.0 108.0
131 87.9 70.0 105.0





#65
Chlorobenzene
Concen: 55.233 ug/l
RT: 11.526 min Scan# 11592
Delta R.T. 0.000 min
Lab File: VY017452.D
Acq: 22 Feb 2024 11:51

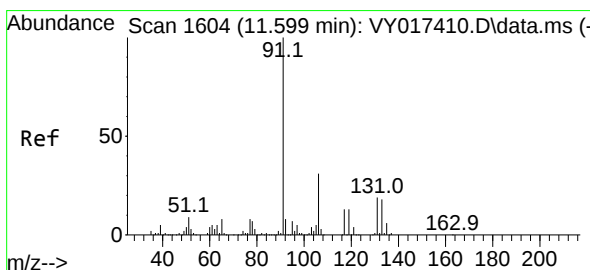
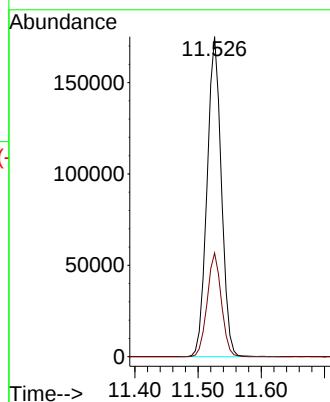
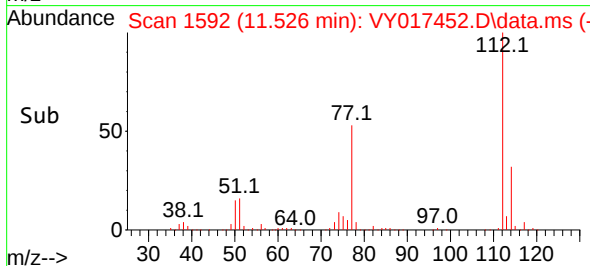
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



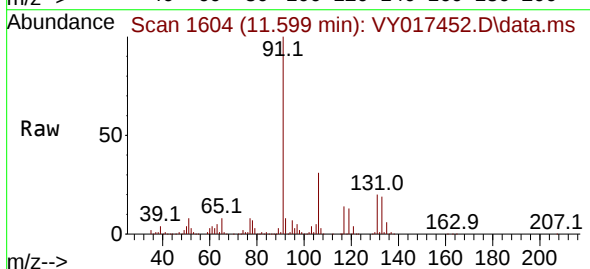
Tgt Ion:112 Resp: 27538
Ion Ratio Lower Upper
112 100
114 32.4 26.4 39.6

Manual Integrations
APPROVED

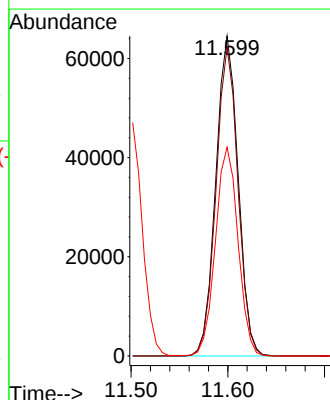
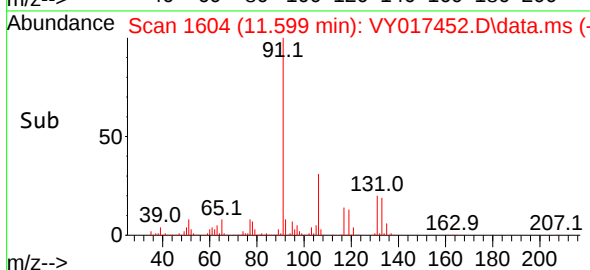
Reviewed By :Mahesh Dadoda 02/23/2024
Supervised By :Semsettin Yesilyurt 02/23/2024

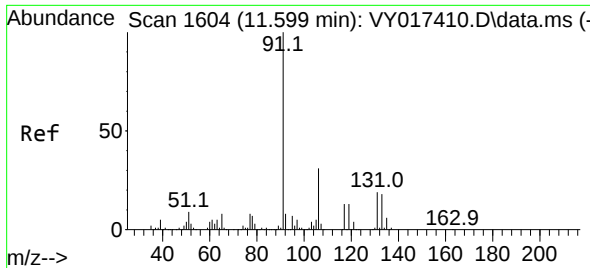


#66
1,1,1,2-Tetrachloroethane
Concen: 55.638 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. 0.000 min
Lab File: VY017452.D
Acq: 22 Feb 2024 11:51



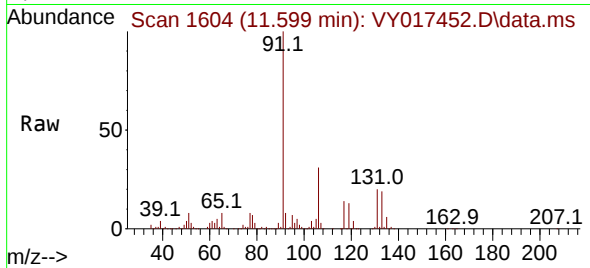
Tgt Ion:131 Resp: 103303
Ion Ratio Lower Upper
131 100
133 94.9 47.8 143.3
119 66.0 34.1 102.2





#67
Ethyl Benzene
Concen: 56.774 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. 0.000 min
Lab File: VY017452.D
Acq: 22 Feb 2024 11:51

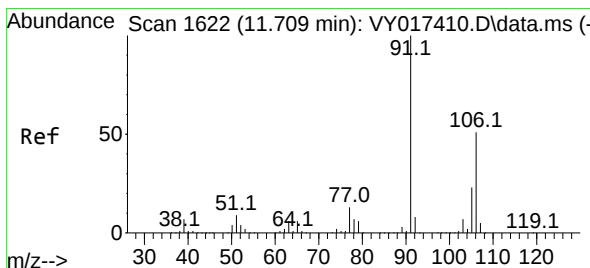
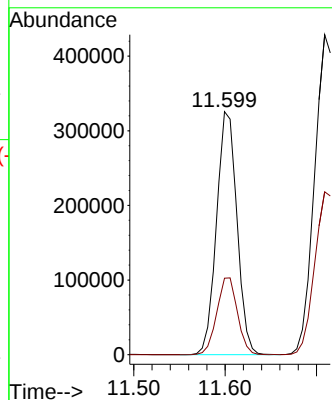
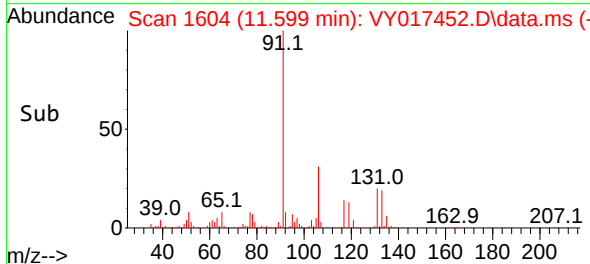
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



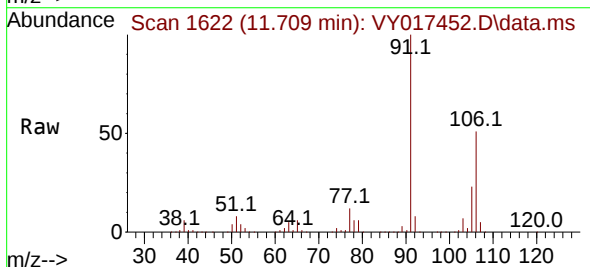
Tgt Ion: 91 Resp: 506274
Ion Ratio Lower Upper
91 100
106 31.4 24.5 36.7

Manual Integrations
APPROVED

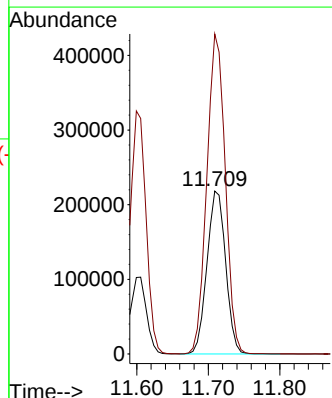
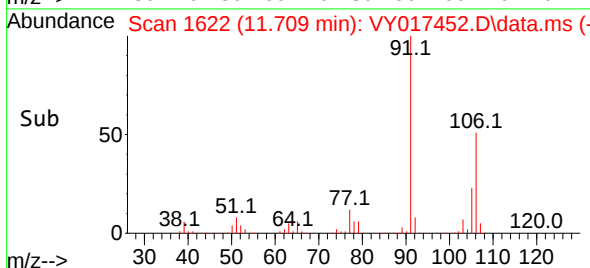
Reviewed By :Mahesh Dadoda 02/23/2024
Supervised By :Semsettin Yesilyurt 02/23/2024

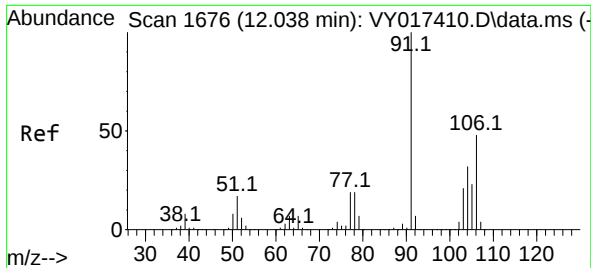


#68
m/p-Xylenes
Concen: 112.798 ug/l
RT: 11.709 min Scan# 1622
Delta R.T. 0.000 min
Lab File: VY017452.D
Acq: 22 Feb 2024 11:51



Tgt Ion:106 Resp: 395415
Ion Ratio Lower Upper
106 100
91 194.1 156.0 234.0





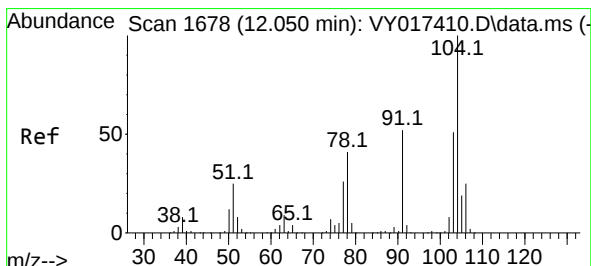
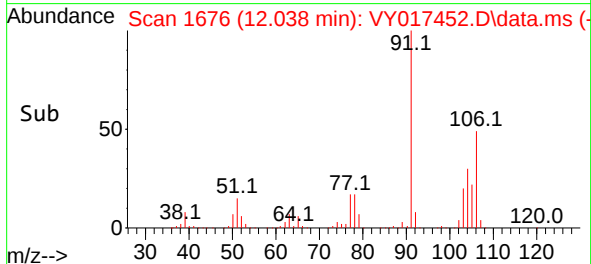
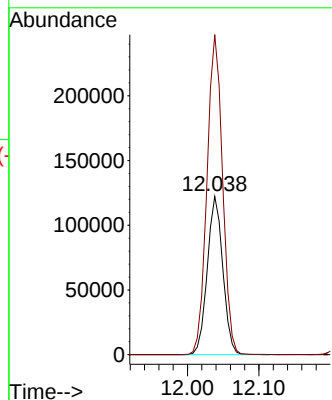
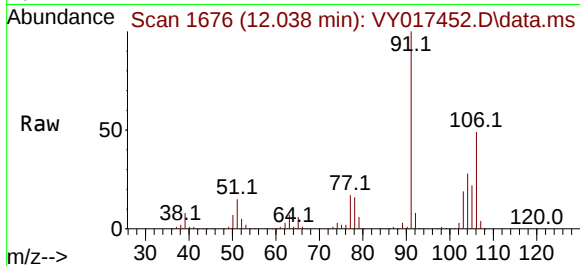
#69
o-Xylene
Concen: 57.332 ug/l
RT: 12.038 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VY017452.D
Acq: 22 Feb 2024 11:51

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 184379
Ion Ratio Lower Upper
106 100
91 203.5 103.6 310.8

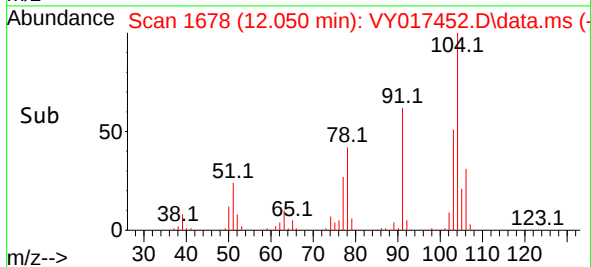
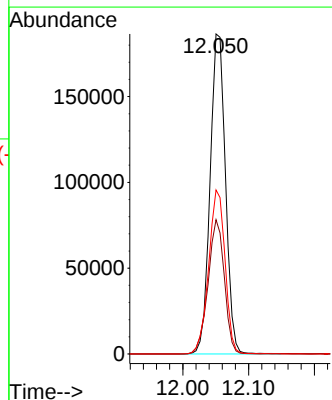
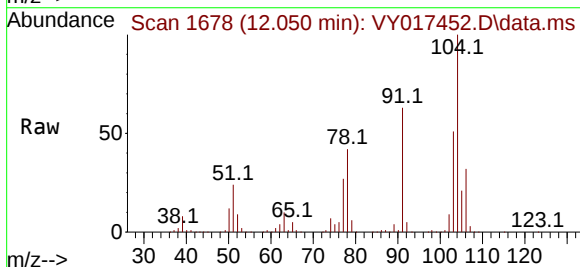
Manual Integrations
APPROVED

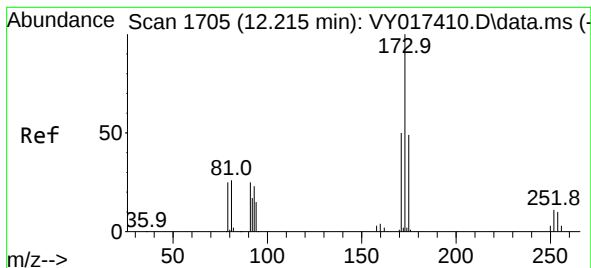
Reviewed By :Mahesh Dadoda 02/23/2024
Supervised By :Semsettin Yesilyurt 02/23/2024



#70
Styrene
Concen: 57.557 ug/l
RT: 12.050 min Scan# 1678
Delta R.T. 0.000 min
Lab File: VY017452.D
Acq: 22 Feb 2024 11:51

Tgt Ion:104 Resp: 304014
Ion Ratio Lower Upper
104 100
78 44.3 37.0 55.4
103 54.8 44.2 66.2





#71

Bromoform

Concen: 56.276 ug/l

RT: 12.215 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY017452.D

Acq: 22 Feb 2024 11:51

Instrument :

MSVOA_Y

ClientSampleId :

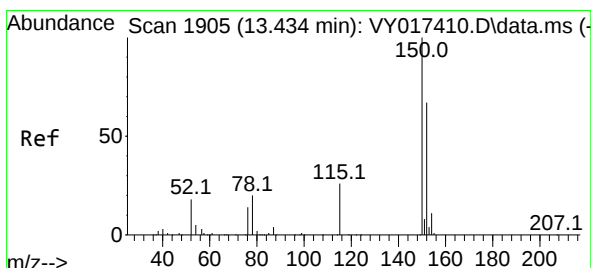
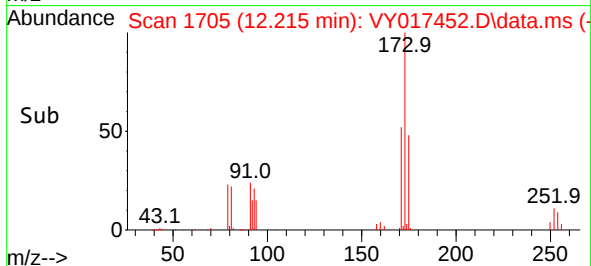
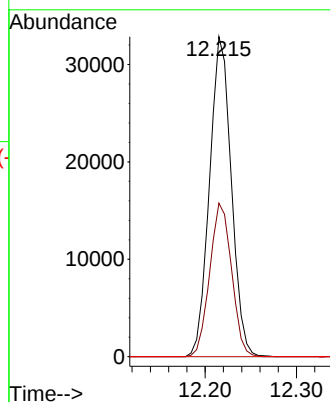
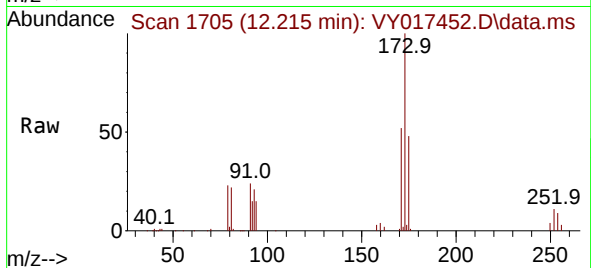
VSTDCCC050

Tgt Ion:173	Resp:	54364
Ion Ratio	Lower	Upper
173	100	
175	48.1	25.1 75.3
254	0.0	0.0 0.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/23/2024
Supervised By :Semsettin Yesilyurt 02/23/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

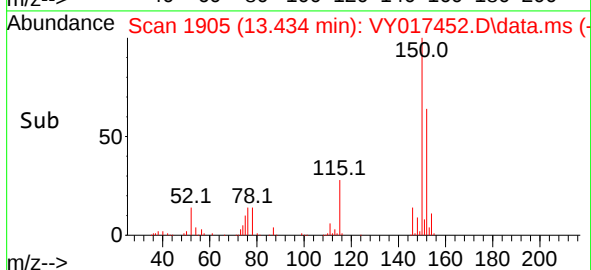
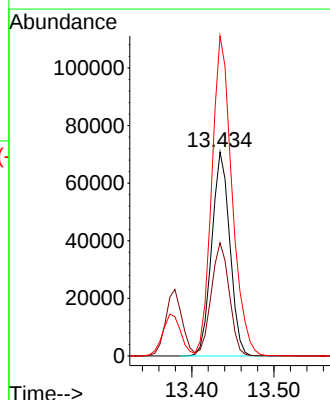
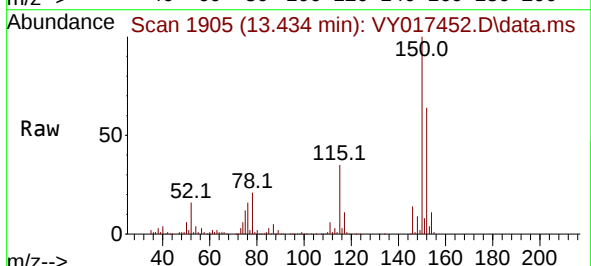
RT: 13.434 min Scan# 1905

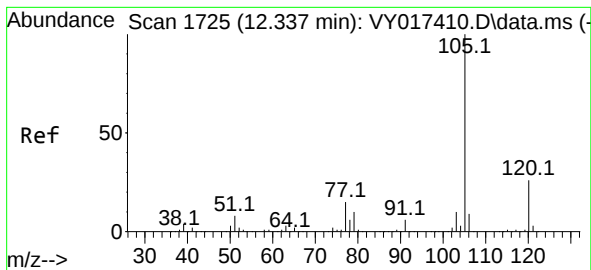
Delta R.T. 0.000 min

Lab File: VY017452.D

Acq: 22 Feb 2024 11:51

Tgt Ion:152	Resp:	108104
Ion Ratio	Lower	Upper
152	100	
115	55.4	28.2 84.7
150	175.4	0.0 345.6





#73

Isopropylbenzene

Concen: 57.658 ug/l

RT: 12.337 min Scan# 1725

Delta R.T. 0.000 min

Lab File: VY017452.D

Acq: 22 Feb 2024 11:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 481460

Ion Ratio Lower Upper

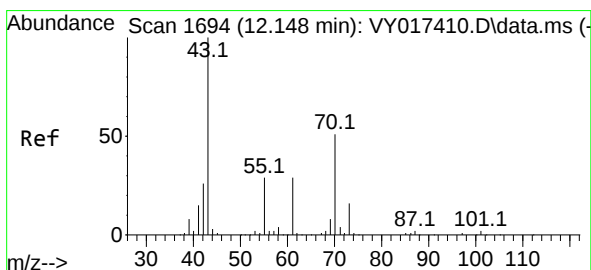
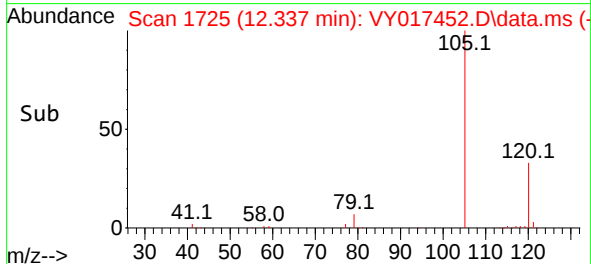
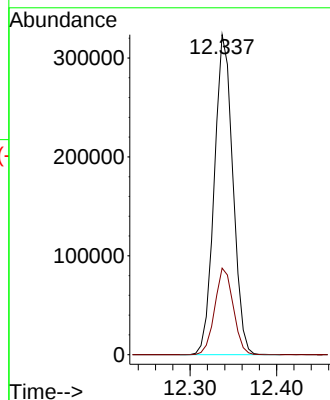
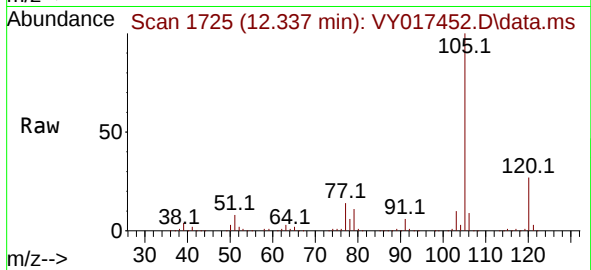
105 100

120 26.9 13.4 40.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/23/2024
Supervised By :Semsettin Yesilyurt 02/23/2024



#74

N-ethyl acetate

Concen: 52.460 ug/l

RT: 12.154 min Scan# 1695

Delta R.T. 0.006 min

Lab File: VY017452.D

Acq: 22 Feb 2024 11:51

Tgt Ion: 43 Resp: 76275

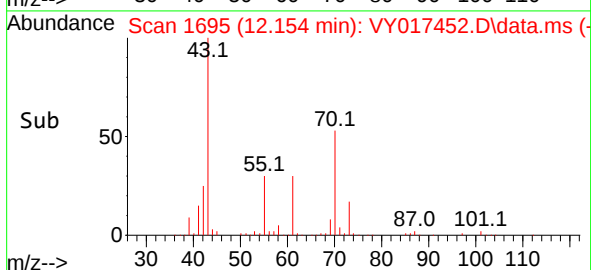
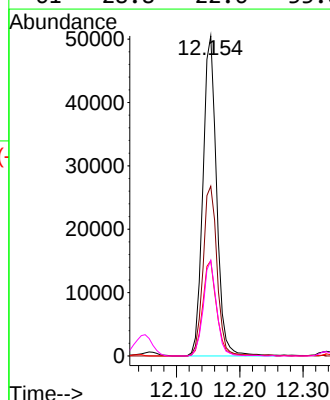
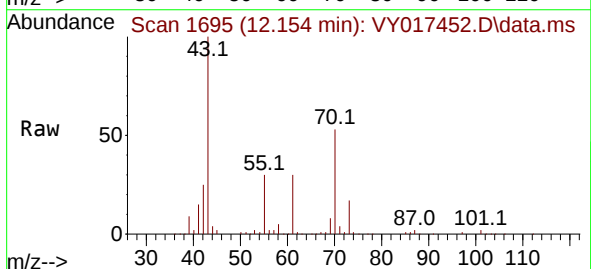
Ion Ratio Lower Upper

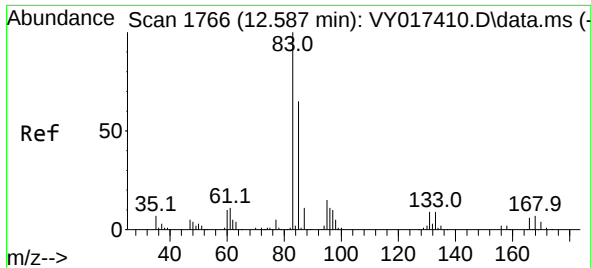
43 100

70 54.3 41.4 62.2

55 30.1 23.3 34.9

61 28.8 22.6 33.8





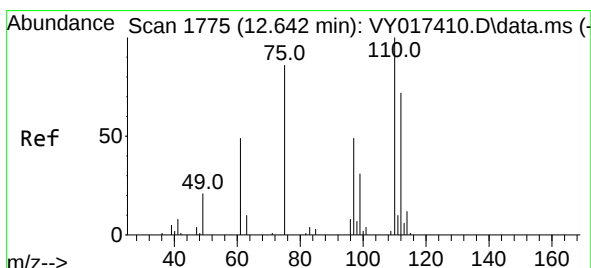
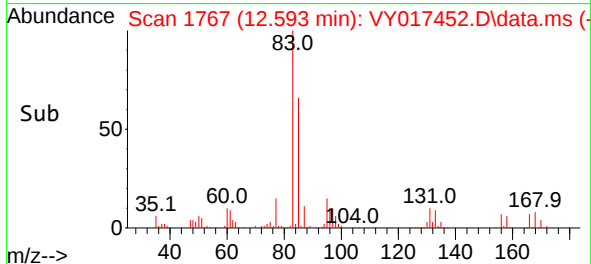
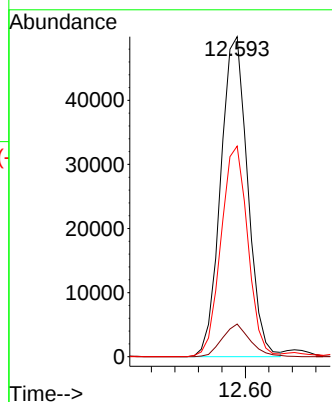
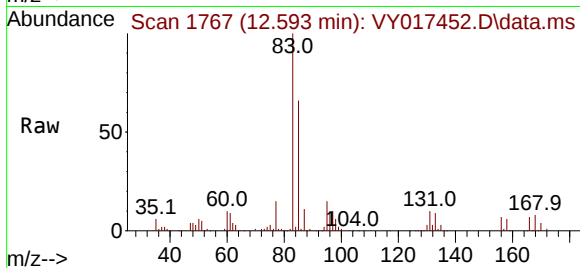
#75
1,1,2,2-Tetrachloroethane
Concen: 53.334 ug/l
RT: 12.593 min Scan# 1766
Delta R.T. 0.006 min
Lab File: VY017452.D
Acq: 22 Feb 2024 11:51

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 7959
Ion Ratio Lower Upper
83 100
131 10.5 5.0 14.9
85 65.4 32.0 96.0

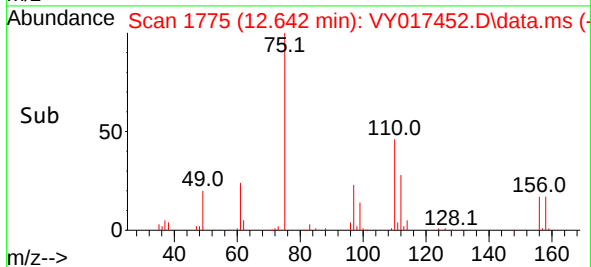
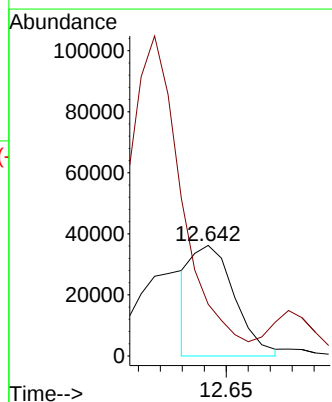
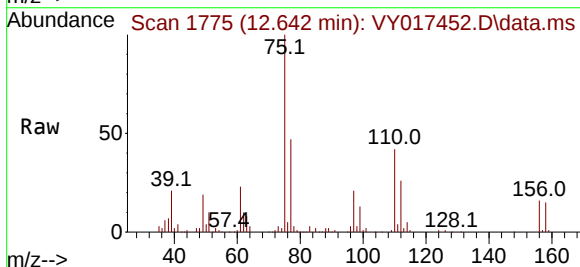
Manual Integrations
APPROVED

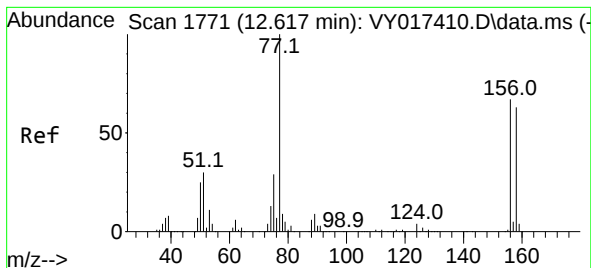
Reviewed By :Mahesh Dadoda 02/23/2024
Supervised By :Semsettin Yesilyurt 02/23/2024



#76
1,2,3-Trichloropropane
Concen: 47.421 ug/l m
RT: 12.642 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VY017452.D
Acq: 22 Feb 2024 11:51

Tgt Ion: 75 Resp: 49705
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 56.233 ug/l

RT: 12.617 min Scan# 1771

Delta R.T. 0.000 min

Lab File: VY017452.D

Acq: 22 Feb 2024 11:51

Instrument :

MSVOA_Y

ClientSampleId :

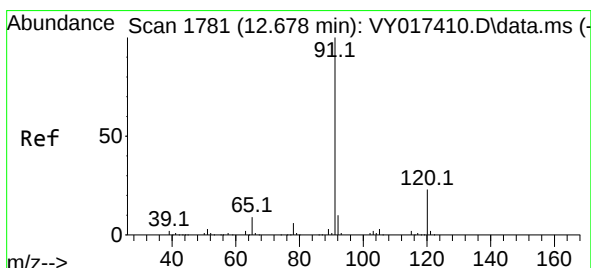
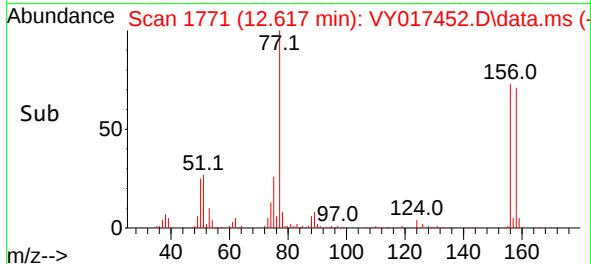
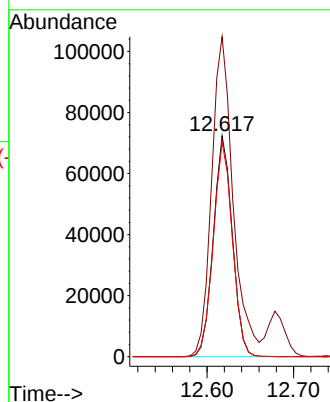
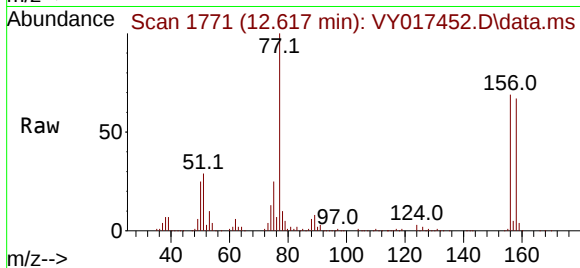
VSTDCCC050

Tgt Ion:	156	Resp:	110128
Ion Ratio	Lower	Upper	
156	100		
77	163.8	87.1	261.3
158	97.5	48.6	145.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/23/2024
Supervised By :Semsettin Yesilyurt 02/23/2024



#78

n-propylbenzene

Concen: 57.104 ug/l

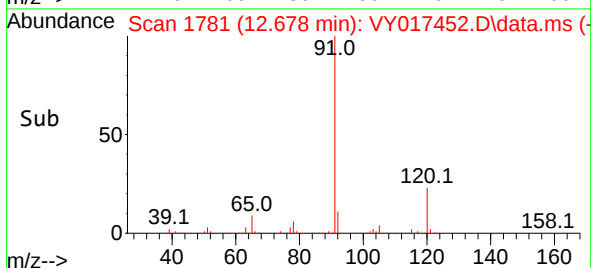
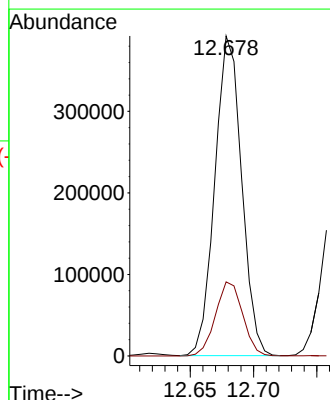
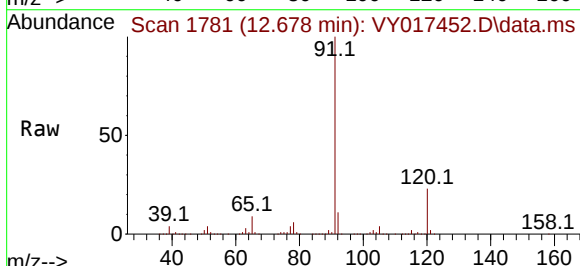
RT: 12.678 min Scan# 1781

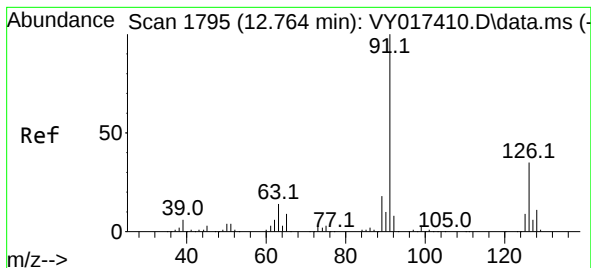
Delta R.T. 0.000 min

Lab File: VY017452.D

Acq: 22 Feb 2024 11:51

Tgt Ion:	91	Resp:	576764
Ion Ratio	Lower	Upper	
91	100		
120	23.6	11.5	34.4





#79

2-Chlorotoluene

Concen: 56.144 ug/l

RT: 12.764 min Scan# 1795

Delta R.T. 0.000 min

Lab File: VY017452.D

Acq: 22 Feb 2024 11:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 31224

Ion Ratio Lower Upper

91 100

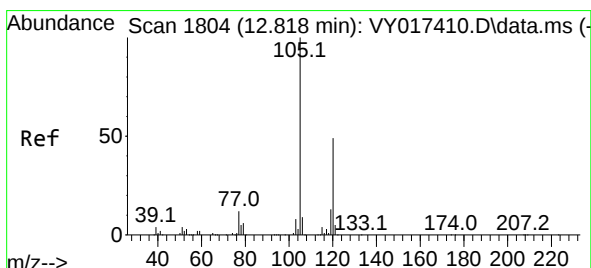
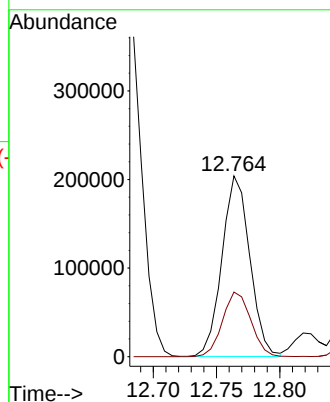
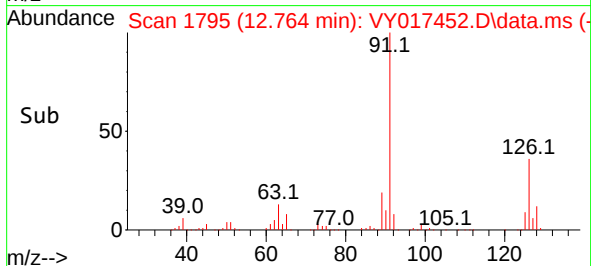
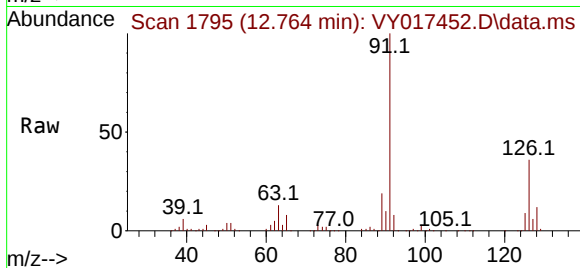
126 36.4 17.8 53.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/23/2024

Supervised By :Semsettin Yesilyurt 02/23/2024



#80

1,3,5-Trimethylbenzene

Concen: 57.238 ug/l

RT: 12.819 min Scan# 1804

Delta R.T. 0.000 min

Lab File: VY017452.D

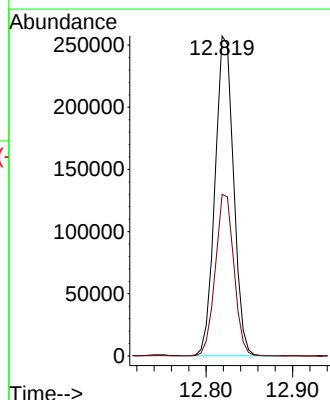
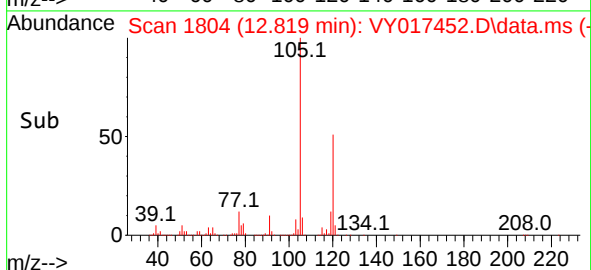
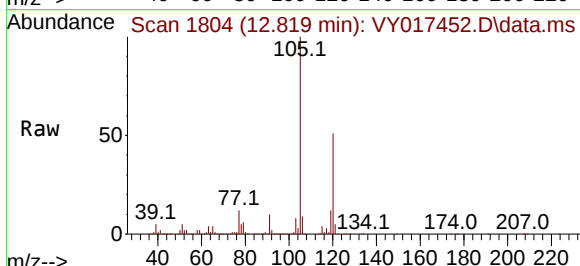
Acq: 22 Feb 2024 11:51

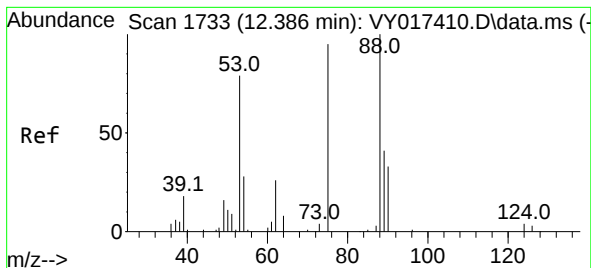
Tgt Ion:105 Resp: 382300

Ion Ratio Lower Upper

105 100

120 50.7 25.1 75.2





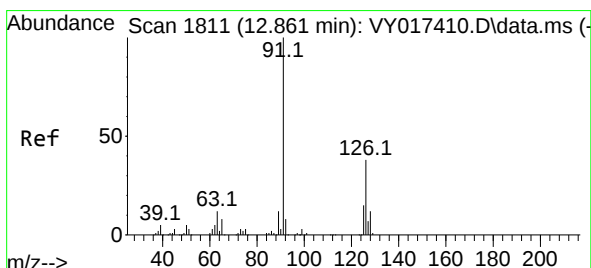
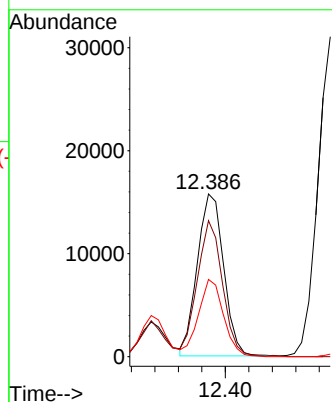
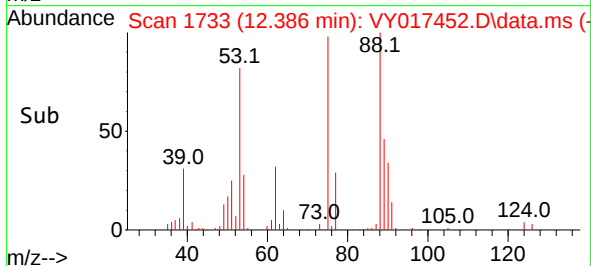
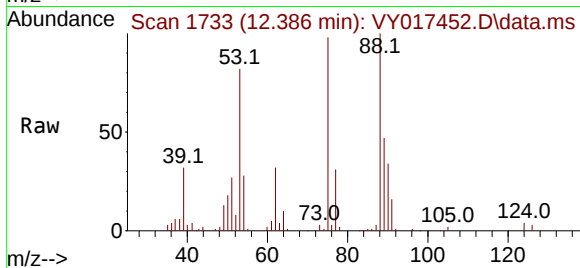
#81
trans-1,4-Dichloro-2-butene
Concen: 54.516 ug/l
RT: 12.386 min Scan# 1733
Delta R.T. 0.000 min
Lab File: VY017452.D
Acq: 22 Feb 2024 11:51

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 24508
Ion Ratio Lower Upper
75 100
53 80.8 66.8 100.2
89 45.6 35.8 53.6

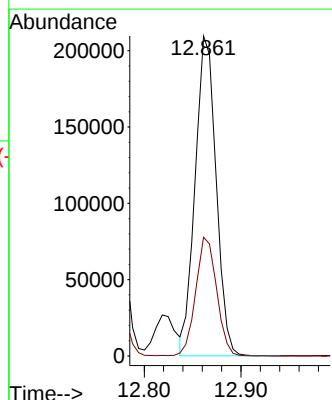
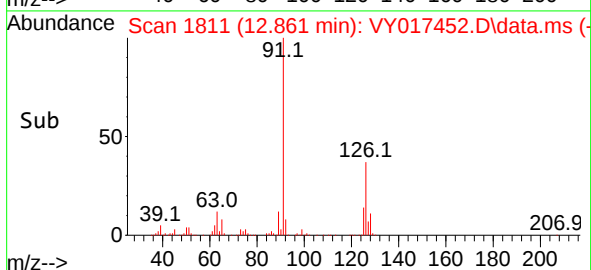
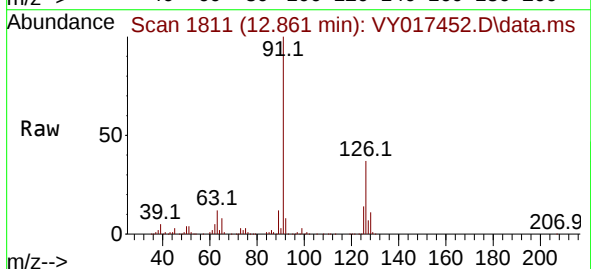
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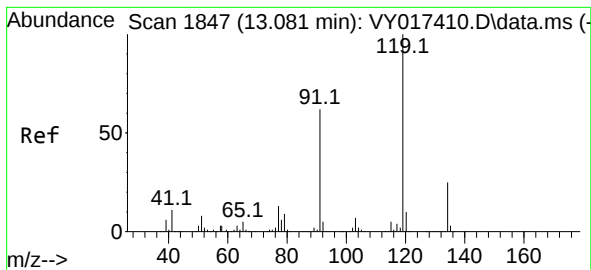
Reviewed By :Mahesh Dadoda 02/23/2024
Supervised By :Semsettin Yesilyurt 02/23/2024



#82
4-Chlorotoluene
Concen: 54.934 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. 0.000 min
Lab File: VY017452.D
Acq: 22 Feb 2024 11:51

Tgt Ion: 91 Resp: 315268
Ion Ratio Lower Upper
91 100
126 37.2 17.6 52.9





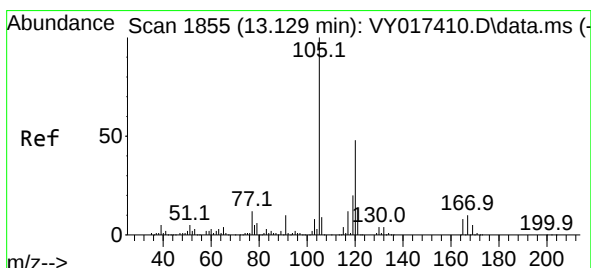
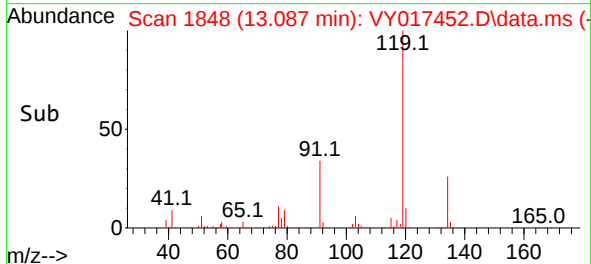
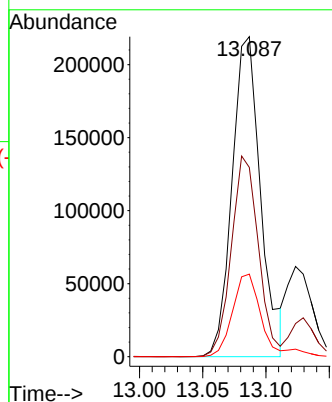
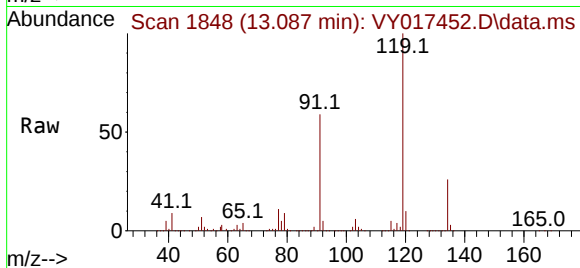
#83
tert-Butylbenzene
Concen: 58.856 ug/l
RT: 13.087 min Scan# 1847
Delta R.T. 0.006 min
Lab File: VY017452.D
Acq: 22 Feb 2024 11:51

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:119 Resp: 343270
Ion Ratio Lower Upper
119 100
91 59.7 31.3 93.8
134 26.7 13.4 40.1

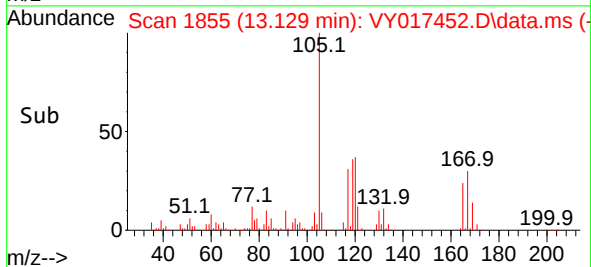
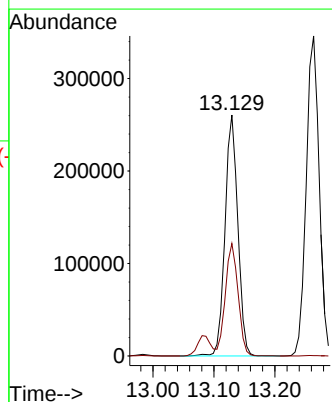
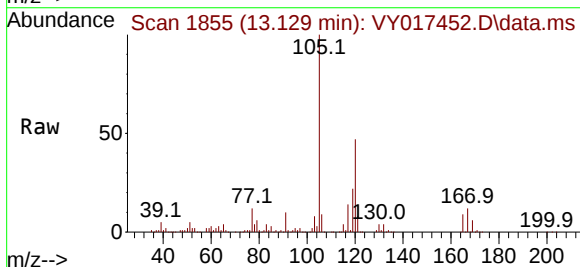
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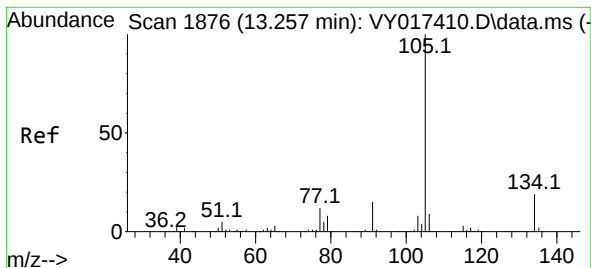
Reviewed By :Mahesh Dadoda 02/23/2024
Supervised By :Semsettin Yesilyurt 02/23/2024



#84
1,2,4-Trimethylbenzene
Concen: 57.437 ug/l
RT: 13.129 min Scan# 1855
Delta R.T. 0.000 min
Lab File: VY017452.D
Acq: 22 Feb 2024 11:51

Tgt Ion:105 Resp: 380058
Ion Ratio Lower Upper
105 100
120 46.1 23.2 69.6





#85

sec-Butylbenzene

Concen: 56.881 ug/l

RT: 13.264 min Scan# 1877

Delta R.T. 0.006 min

Lab File: VY017452.D

Acq: 22 Feb 2024 11:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 50954

Ion Ratio Lower Upper

105 100

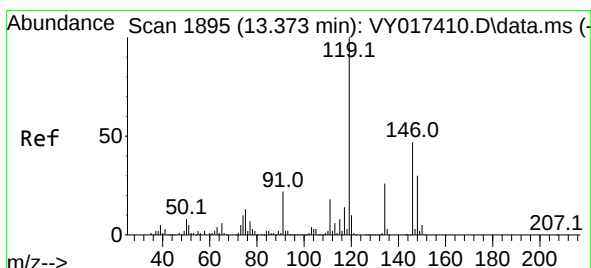
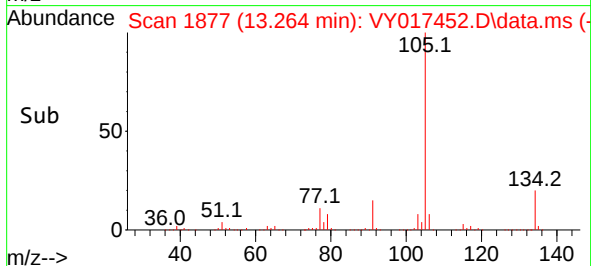
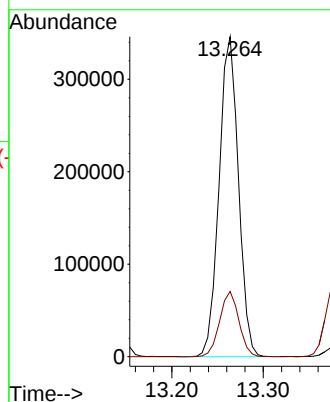
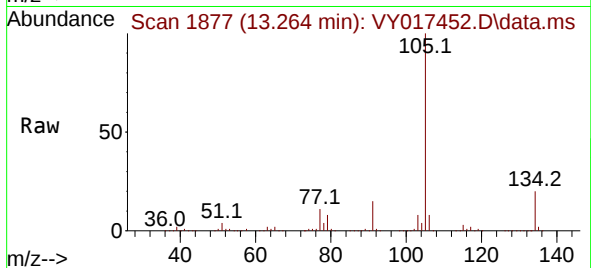
134 20.3 10.1 30.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/23/2024

Supervised By :Semsettin Yesilyurt 02/23/2024



#86

p-Isopropyltoluene

Concen: 57.847 ug/l

RT: 13.379 min Scan# 1896

Delta R.T. 0.006 min

Lab File: VY017452.D

Acq: 22 Feb 2024 11:51

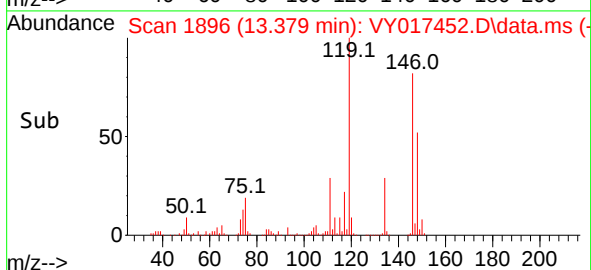
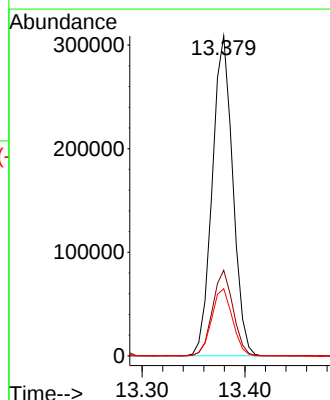
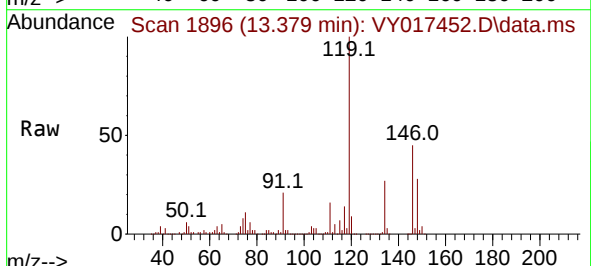
Tgt Ion:119 Resp: 426810

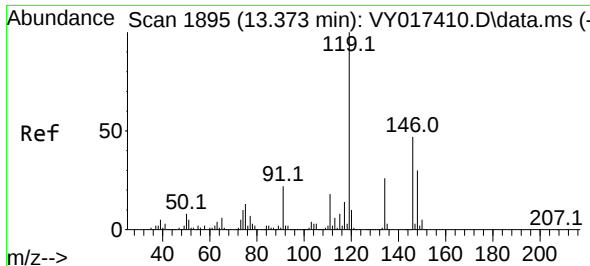
Ion Ratio Lower Upper

119 100

134 26.9 13.1 39.3

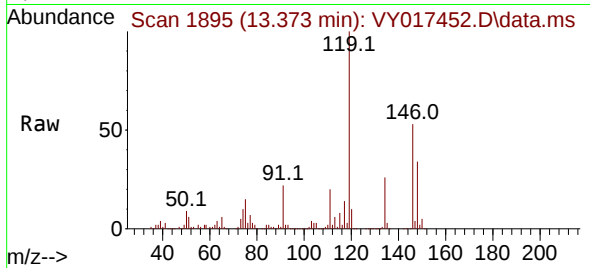
91 21.3 10.7 32.1





#87
1,3-Dichlorobenzene
Concen: 55.388 ug/l
RT: 13.373 min Scan# 1895
Delta R.T. 0.000 min
Lab File: VY017452.D
Acq: 22 Feb 2024 11:51

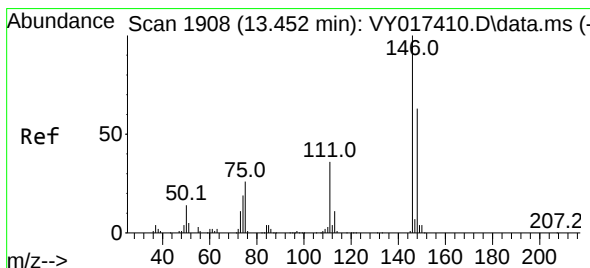
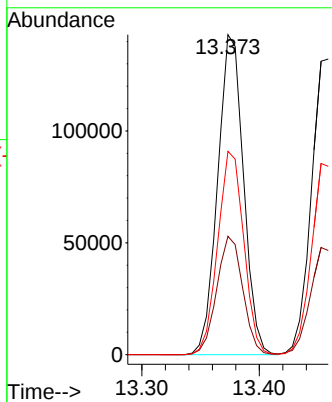
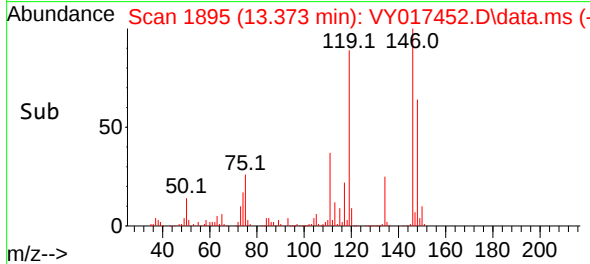
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion:146 Resp: 219062
Ion Ratio Lower Upper
146 100
111 37.3 19.0 57.0
148 63.9 31.7 95.1

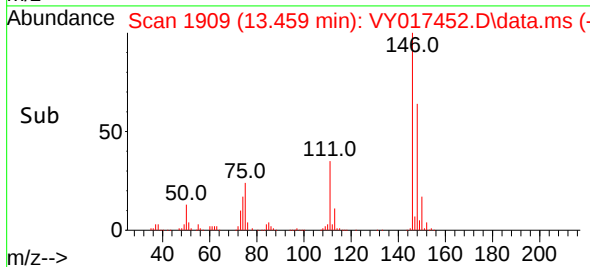
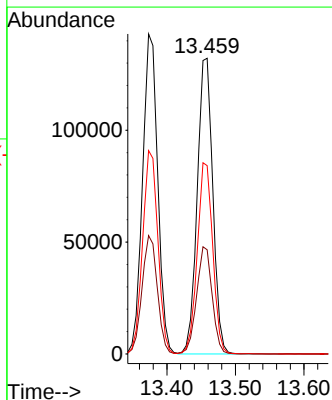
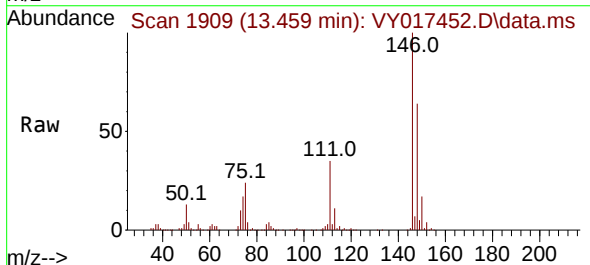
Manual Integrations
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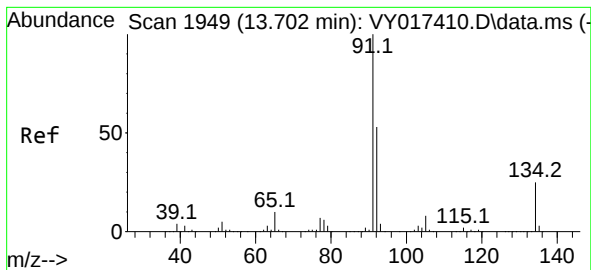
Reviewed By :Mahesh Dadoda 02/23/2024
Supervised By :Semsettin Yesilyurt 02/23/2024



#88
1,4-Dichlorobenzene
Concen: 54.818 ug/l
RT: 13.459 min Scan# 1909
Delta R.T. 0.006 min
Lab File: VY017452.D
Acq: 22 Feb 2024 11:51

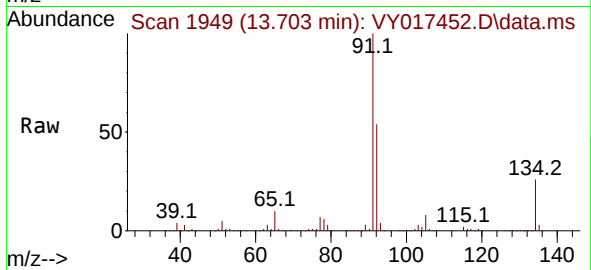
Tgt Ion:146 Resp: 209337
Ion Ratio Lower Upper
146 100
111 36.2 18.4 55.4
148 64.1 32.4 97.2





#89
n-Butylbenzene
Concen: 57.097 ug/l
RT: 13.703 min Scan# 1949
Delta R.T. 0.000 min
Lab File: VY017452.D
Acq: 22 Feb 2024 11:51

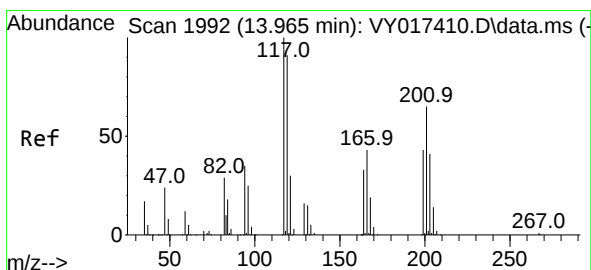
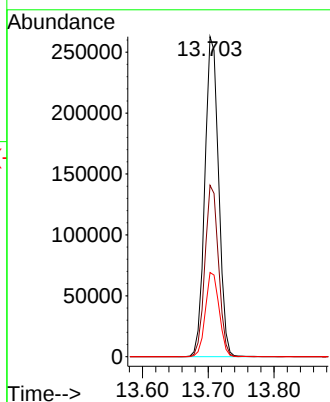
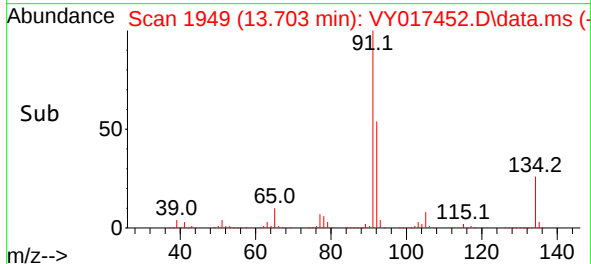
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 383148
Ion Ratio Lower Upper
91 100
92 52.8 26.6 79.7
134 26.2 12.9 38.7

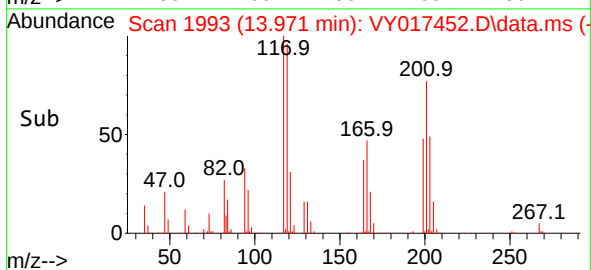
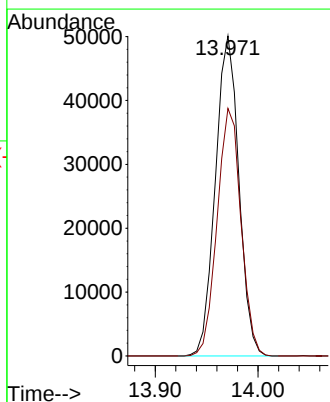
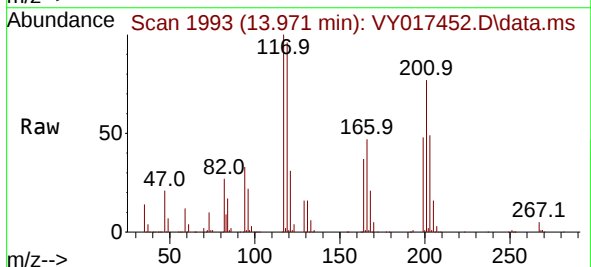
Manual Integrations
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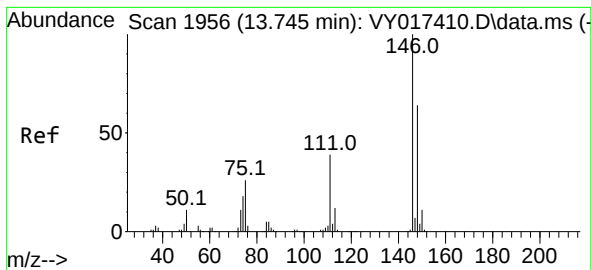
Reviewed By :Mahesh Dadoda 02/23/2024
Supervised By :Semsettin Yesilyurt 02/23/2024



#90
Hexachloroethane
Concen: 54.947 ug/l
RT: 13.971 min Scan# 1993
Delta R.T. 0.006 min
Lab File: VY017452.D
Acq: 22 Feb 2024 11:51

Tgt Ion:117 Resp: 79439
Ion Ratio Lower Upper
117 100
201 78.5 37.4 112.2





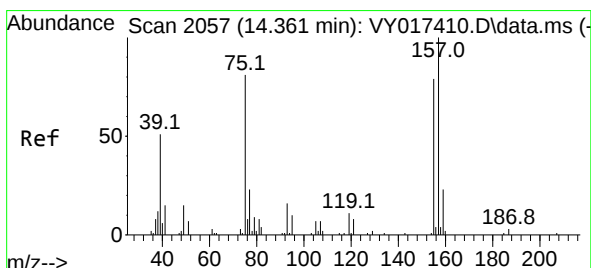
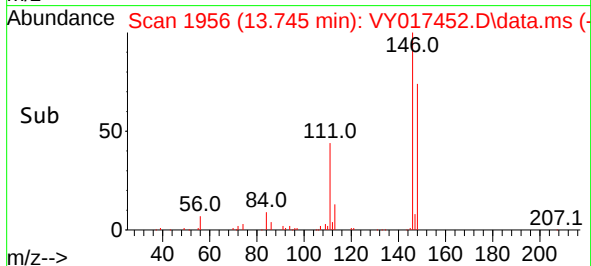
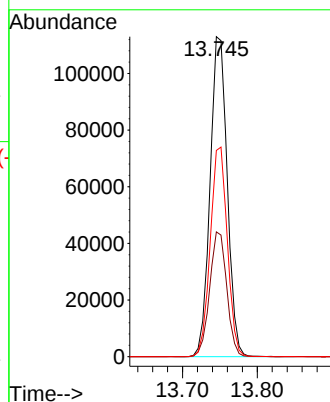
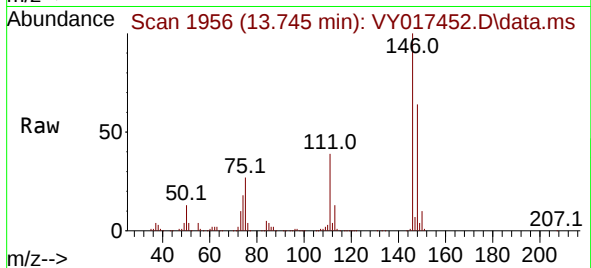
#91
1,2-Dichlorobenzene
Concen: 54.161 ug/l
RT: 13.745 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VY017452.D
Acq: 22 Feb 2024 11:51

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 18030
Ion Ratio Lower Upper
146 100
111 38.9 19.9 59.7
148 65.3 31.8 95.4

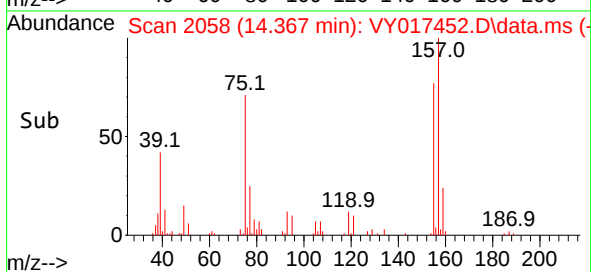
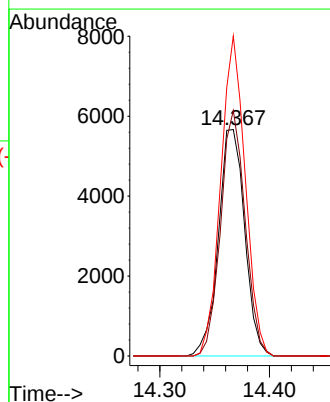
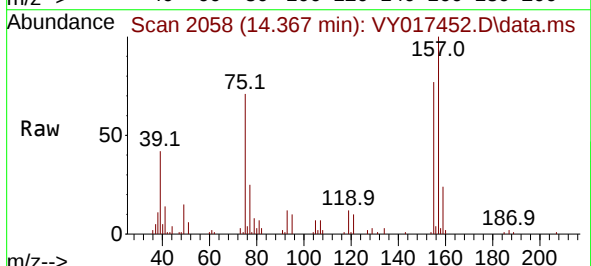
Manual Integrations
APPROVED

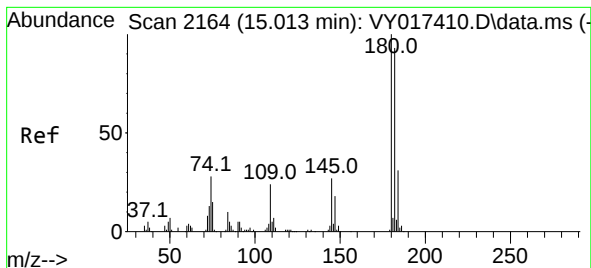
Reviewed By :Mahesh Dadoda 02/23/2024
Supervised By :Semsettin Yesilyurt 02/23/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 50.069 ug/l
RT: 14.367 min Scan# 2058
Delta R.T. 0.006 min
Lab File: VY017452.D
Acq: 22 Feb 2024 11:51

Tgt Ion: 75 Resp: 9445
Ion Ratio Lower Upper
75 100
155 100.9 48.6 145.8
157 131.5 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 54.004 ug/l

RT: 15.019 min Scan# 2165

Delta R.T. 0.006 min

Lab File: VY017452.D

Acq: 22 Feb 2024 11:51

Instrument :

MSVOA_Y

ClientSampleId :

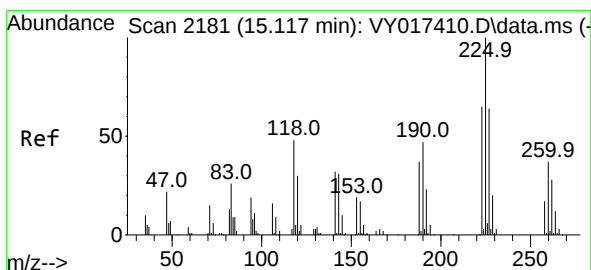
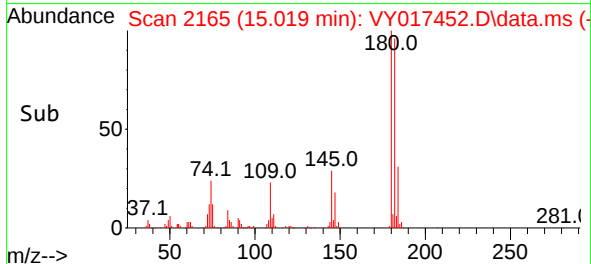
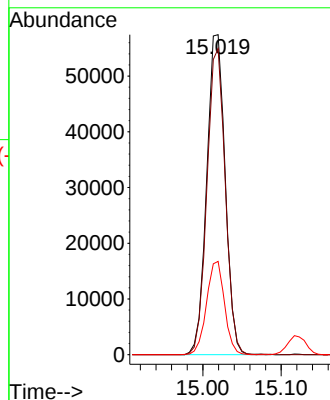
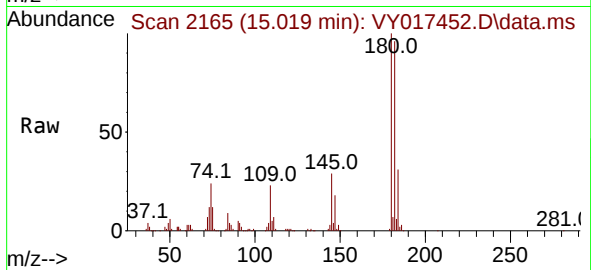
VSTDCCC050

Tgt Ion:180	Resp:	94002
Ion Ratio	Lower	Upper
180	100	
182	94.6	47.9 143.8
145	28.4	14.2 42.6

Manual Integrations

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Supervised By :Semsettin Yesilyurt 02/23/2024



#94

Hexachlorobutadiene

Concen: 54.807 ug/l

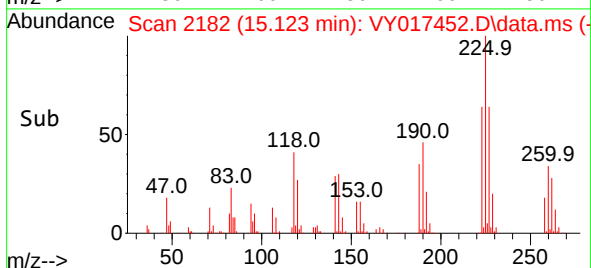
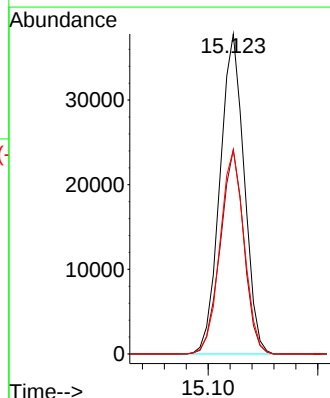
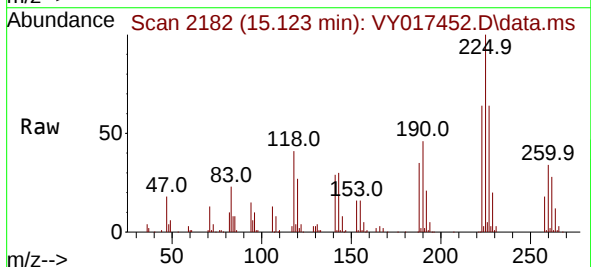
RT: 15.123 min Scan# 2182

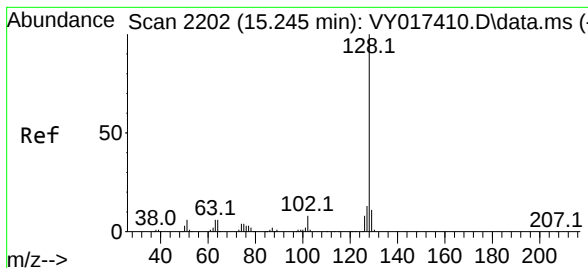
Delta R.T. 0.006 min

Lab File: VY017452.D

Acq: 22 Feb 2024 11:51

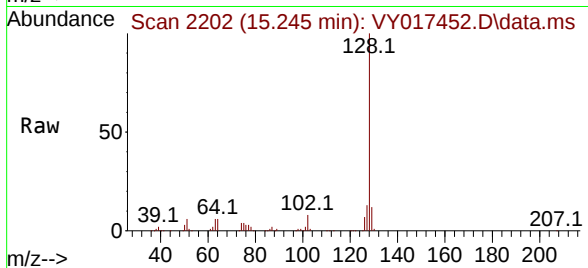
Tgt Ion:225	Resp:	58022
Ion Ratio	Lower	Upper
225	100	
223	62.1	30.4 91.2
227	63.4	31.9 95.9





#95
Naphthalene
Concen: 47.179 ug/l
RT: 15.245 min Scan# 2202
Delta R.T. -0.000 min
Lab File: VY017452.D
Acq: 22 Feb 2024 11:51

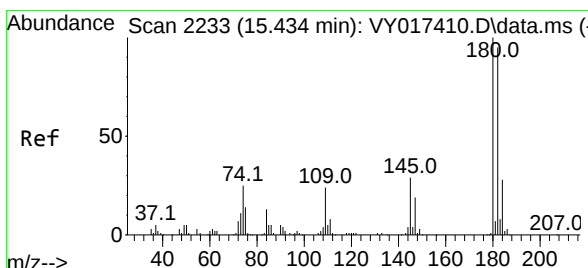
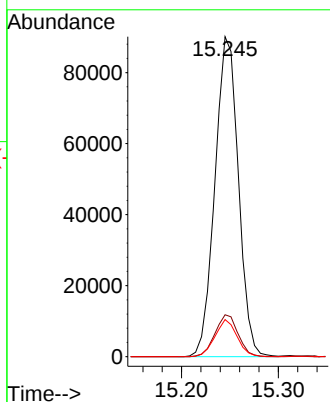
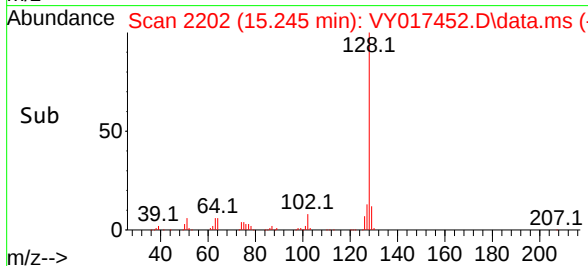
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



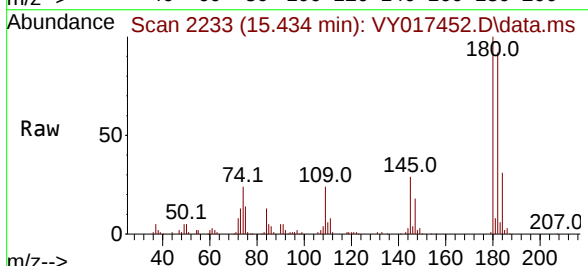
Tgt Ion:128 Resp: 15183
Ion Ratio Lower Upper
128 100
127 12.9 10.6 16.0
129 10.9 8.6 13.0

Manual Integrations
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Supervised By :Semsettin Yesilyurt 02/23/2024



#96
1,2,3-Trichlorobenzene
Concen: 52.145 ug/l
RT: 15.434 min Scan# 2233
Delta R.T. 0.000 min
Lab File: VY017452.D
Acq: 22 Feb 2024 11:51



Tgt Ion:180 Resp: 76308
Ion Ratio Lower Upper
180 100
182 95.2 47.6 142.9
145 29.8 15.4 46.1

