

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041924\
 Data File : VY017990.D
 Acq On : 19 Apr 2024 11:28
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 04/22/2024
 Supervised By :Semsettin Yesilyurt 04/22/2024

Quant Time: Apr 19 23:38:56 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041624S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 06:24:42 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.789	168	445465	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	689055	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	612154	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	292605	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	172658	44.789	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	89.580%		
35) Dibromofluoromethane	7.716	113	200350	47.130	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	94.260%		
50) Toluene-d8	10.185	98	775869	48.099	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	96.200%		
62) 4-Bromofluorobenzene	12.483	95	240363	48.114	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	96.220%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	165526	46.839	ug/l	99
3) Chloromethane	2.113	50	232794	39.755	ug/l	98
4) Vinyl Chloride	2.253	62	261855	39.674	ug/l	100
5) Bromomethane	2.650	94	189532	43.143	ug/l	96
6) Chloroethane	2.796	64	173445	41.625	ug/l	100
7) Trichlorofluoromethane	3.125	101	325216	43.721	ug/l	96
8) Diethyl Ether	3.527	74	118096	50.243	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.899	101	209705	45.272	ug/l	97
10) Methyl Iodide	4.088	142	312515	50.712	ug/l	98
11) Tert butyl alcohol	4.960	59	60795	218.638	ug/l #	82
12) 1,1-Dichloroethene	3.869	96	214721	47.750	ug/l	96
13) Acrolein	3.729	56	99723	332.159	ug/l	100
14) Allyl chloride	4.479	41	290526	49.924	ug/l	93
15) Acrylonitrile	5.161	53	240041	251.522	ug/l	100
16) Acetone	3.948	43	192818	253.145	ug/l	96
17) Carbon Disulfide	4.192	76	659637	46.112	ug/l	99
18) Methyl Acetate	4.479	43	89497	44.664	ug/l	100
19) Methyl tert-butyl Ether	5.216	73	499140	50.931	ug/l	99
20) Methylene Chloride	4.716	84	248055	48.070	ug/l	96
21) trans-1,2-Dichloroethene	5.222	96	241287	48.982	ug/l	98
22) Diisopropyl ether	6.118	45	649885	50.941	ug/l	99
23) Vinyl Acetate	6.058	43	1935733	255.878	ug/l	99
24) 1,1-Dichloroethane	6.015	63	409742	49.191	ug/l	98
25) 2-Butanone	6.984	43	284579	254.182	ug/l	93
26) 2,2-Dichloropropane	6.984	77	326287	48.826	ug/l	98
27) cis-1,2-Dichloroethene	6.984	96	285570	50.759	ug/l	99
28) Bromochloromethane	7.332	49	164511	50.209	ug/l	98
29) Tetrahydrofuran	7.350	42	178141	250.731	ug/l	96
30) Chloroform	7.508	83	413956	48.626	ug/l	100
31) Cyclohexane	7.789	56	322431	43.759	ug/l	99
32) 1,1,1-Trichloroethane	7.704	97	339415	47.869	ug/l	98
36) 1,1-Dichloropropene	7.917	75	298500	48.283	ug/l	99
37) Ethyl Acetate	7.076	43	131402	51.661	ug/l	98
38) Carbon Tetrachloride	7.905	117	302760	48.473	ug/l	99
39) Methylcyclohexane	9.185	83	385488	47.848	ug/l	96
40) Benzene	8.161	78	971531	50.170	ug/l	99

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Quant Title : SW846 8260

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Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	81510m	50.786	ug/l	
42) 1,2-Dichloroethane	8.240	62	219582	49.488	ug/l	98
43) Isopropyl Acetate	8.277	43	236851	49.954	ug/l	99
44) Trichloroethene	8.941	130	251487	51.106	ug/l	99
45) 1,2-Dichloropropane	9.222	63	222999	50.026	ug/l	100
46) Dibromomethane	9.307	93	123636	50.142	ug/l	95
47) Bromodichloromethane	9.502	83	316123	51.102	ug/l	99
48) Methyl methacrylate	9.295	41	111581	51.358	ug/l	98
49) 1,4-Dioxane	9.307	88	27036	960.476	ug/l #	100
51) 4-Methyl-2-Pentanone	10.075	43	647196	257.489	ug/l	100
52) Toluene	10.246	92	609608	51.301	ug/l	100
53) t-1,3-Dichloropropene	10.471	75	292555	51.803	ug/l	97
54) cis-1,3-Dichloropropene	9.935	75	354908	51.156	ug/l	98
55) 1,1,2-Trichloroethane	10.648	97	167487	49.969	ug/l	96
56) Ethyl methacrylate	10.514	69	230638	52.781	ug/l	99
57) 1,3-Dichloropropane	10.794	76	288904	50.902	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.789	63	583103	256.716	ug/l	99
59) 2-Hexanone	10.837	43	473459	275.943	ug/l	99
60) Dibromochloromethane	10.990	129	223749	51.940	ug/l	99
61) 1,2-Dibromoethane	11.093	107	160203	51.285	ug/l	99
64) Tetrachloroethene	10.721	164	217015	49.488	ug/l	100
65) Chlorobenzene	11.520	112	677771	50.518	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.593	131	227293	51.378	ug/l	99
67) Ethyl Benzene	11.599	91	1150927	50.948	ug/l	98
68) m/p-Xylenes	11.709	106	894431	103.088	ug/l	99
69) o-Xylene	12.032	106	421953	52.077	ug/l	99
70) Styrene	12.050	104	727554	53.128	ug/l	99
71) Bromoform	12.215	173	131219	51.337	ug/l #	98
73) Isopropylbenzene	12.337	105	1074790	50.410	ug/l	99
74) N-amyl acetate	12.148	43	218889	50.857	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.587	83	192392	48.383	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	125279m	45.626	ug/l	
77) Bromobenzene	12.611	156	265742	51.504	ug/l	96
78) n-propylbenzene	12.678	91	1303006	50.370	ug/l	98
79) 2-Chlorotoluene	12.764	91	725521	50.107	ug/l	98
80) 1,3,5-Trimethylbenzene	12.818	105	863414	51.071	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.386	75	66894	50.231	ug/l	97
82) 4-Chlorotoluene	12.861	91	745406	49.707	ug/l	97
83) tert-Butylbenzene	13.081	119	792314	51.312	ug/l	97
84) 1,2,4-Trimethylbenzene	13.123	105	862240	51.214	ug/l	98
85) sec-Butylbenzene	13.257	105	1157330	49.900	ug/l	98
86) p-Isopropyltoluene	13.373	119	974860	51.153	ug/l	98
87) 1,3-Dichlorobenzene	13.373	146	519157	50.712	ug/l	99
88) 1,4-Dichlorobenzene	13.453	146	503595	50.110	ug/l	99
89) n-Butylbenzene	13.702	91	897778	50.074	ug/l	99
90) Hexachloroethane	13.965	117	193905	49.619	ug/l	92
91) 1,2-Dichlorobenzene	13.745	146	445605	50.453	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	24831	48.547	ug/l	97
93) 1,2,4-Trichlorobenzene	15.013	180	271202	52.729	ug/l	99
94) Hexachlorobutadiene	15.117	225	154686	50.698	ug/l	96
95) Naphthalene	15.239	128	455362	53.727	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	229638	53.210	ug/l	99

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

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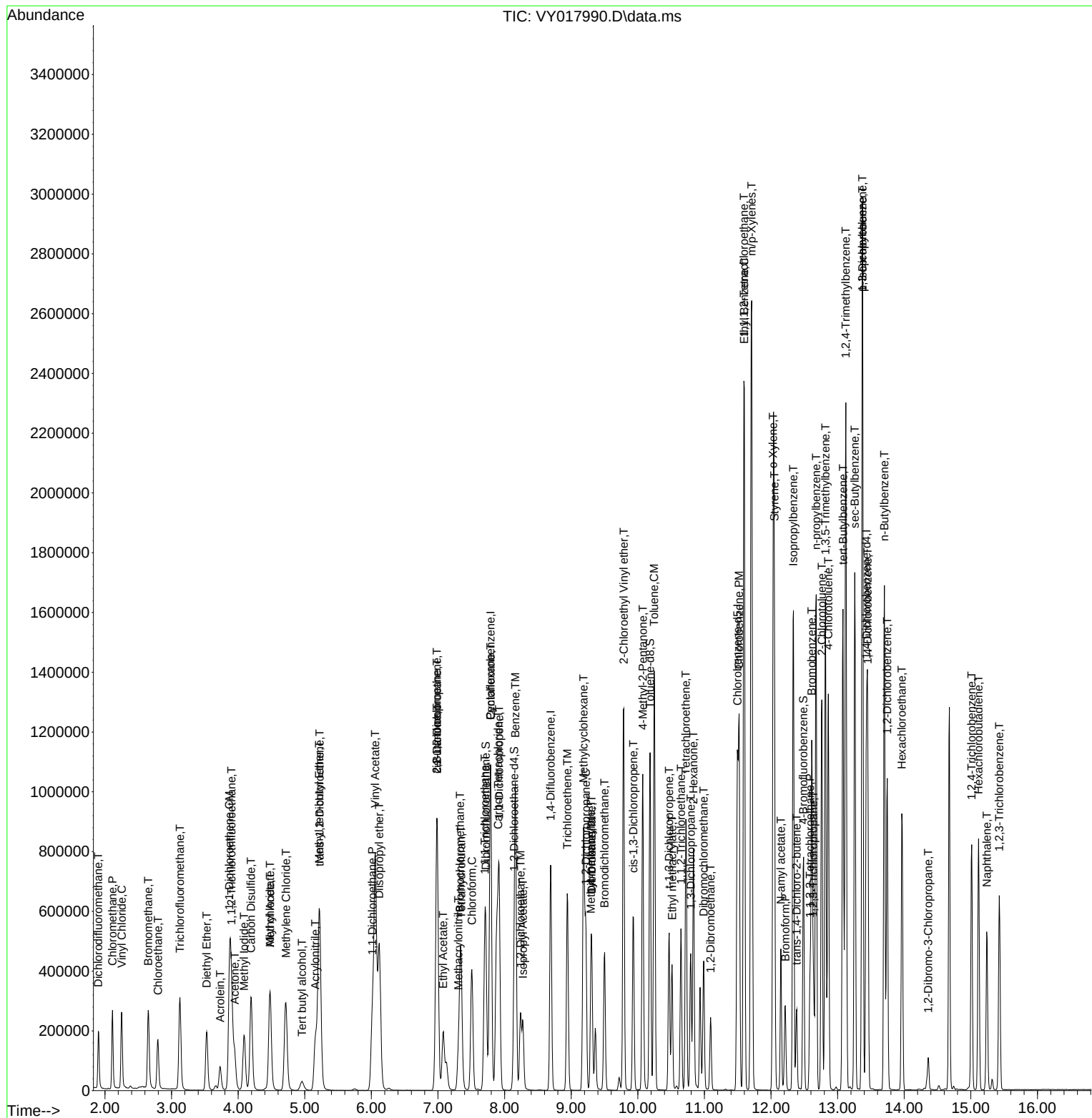
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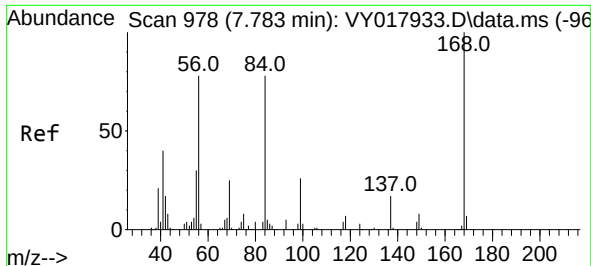
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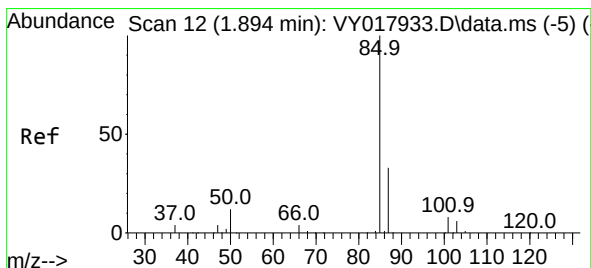
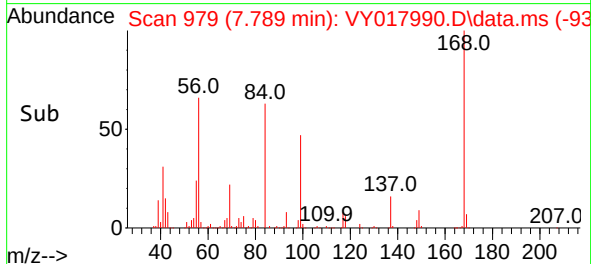
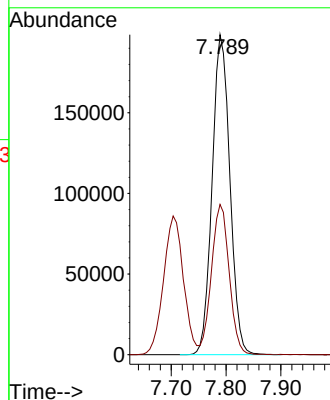
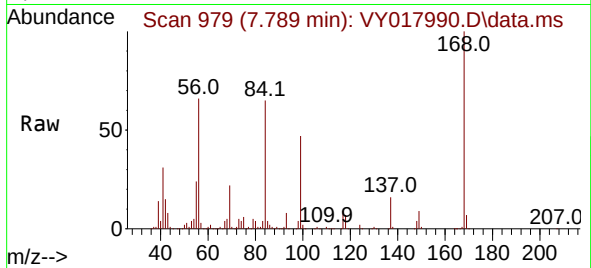
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY017990.D
Acq: 19 Apr 2024 11:28

Instrument :
MSVOA_Y
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VSTDCCC050

Tgt Ion:168 Resp: 44546
Ion Ratio Lower Upper
168 100
99 46.9 39.1 58.7

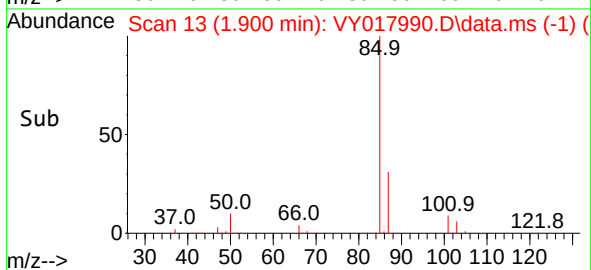
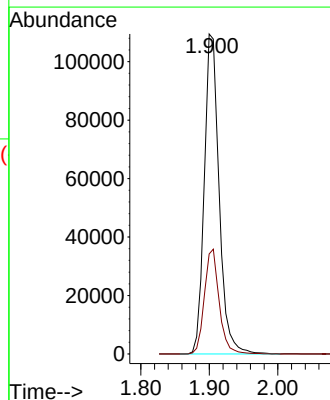
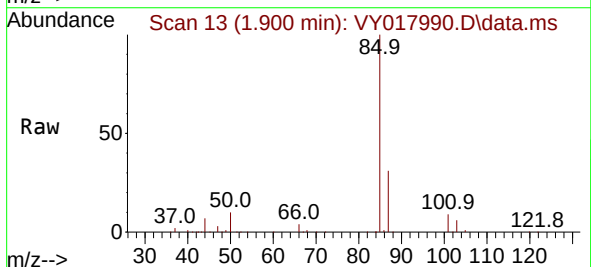
Manual Integrations
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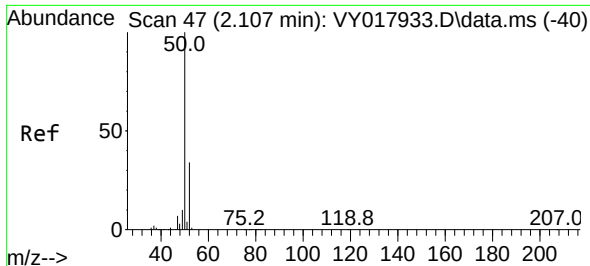
Reviewed By :Mahesh Dadoda 04/22/2024
Supervised By :Semsettin Yesilyurt 04/22/2024



#2
Dichlorodifluoromethane
Concen: 46.839 ug/l
RT: 1.900 min Scan# 13
Delta R.T. 0.000 min
Lab File: VY017990.D
Acq: 19 Apr 2024 11:28

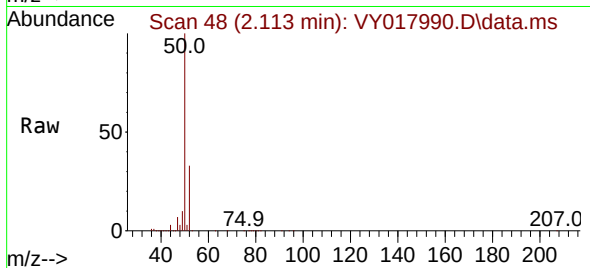
Tgt Ion: 85 Resp: 165526
Ion Ratio Lower Upper
85 100
87 31.3 16.0 48.0





#3
Chloromethane
Concen: 39.755 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY017990.D
Acq: 19 Apr 2024 11:28

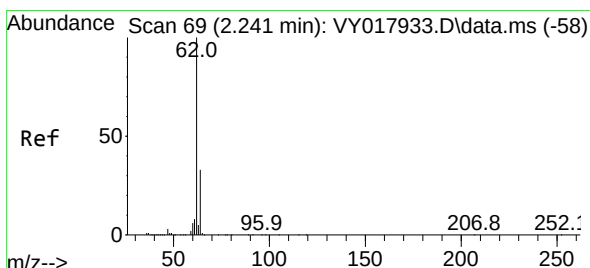
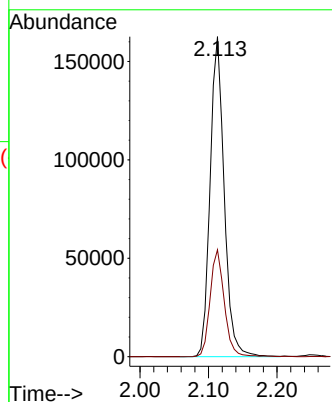
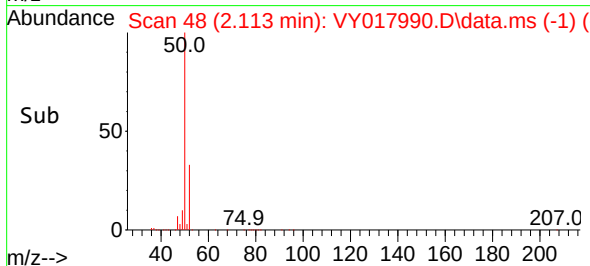
Instrument :
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VSTDCCC050



Tgt Ion: 50 Resp: 232794
Ion Ratio Lower Upper
50 100
52 33.4 25.6 38.4

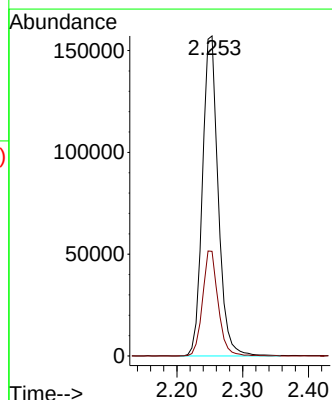
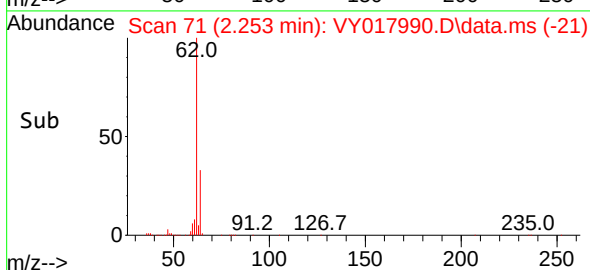
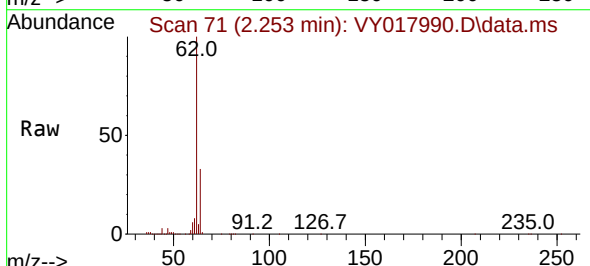
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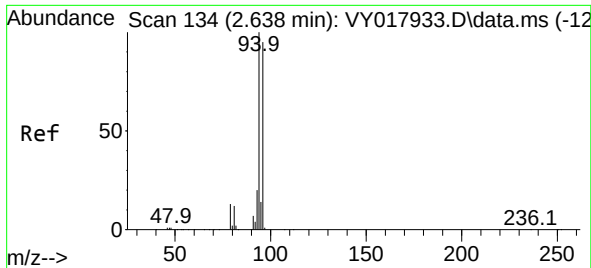
Reviewed By :Mahesh Dadoda 04/22/2024
Supervised By :Semsettin Yesilyurt 04/22/2024



#4
Vinyl Chloride
Concen: 39.674 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.006 min
Lab File: VY017990.D
Acq: 19 Apr 2024 11:28

Tgt Ion: 62 Resp: 261855
Ion Ratio Lower Upper
62 100
64 32.7 26.1 39.1





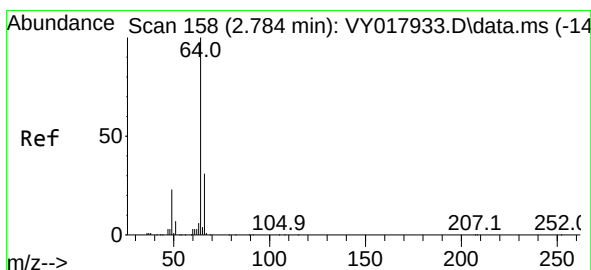
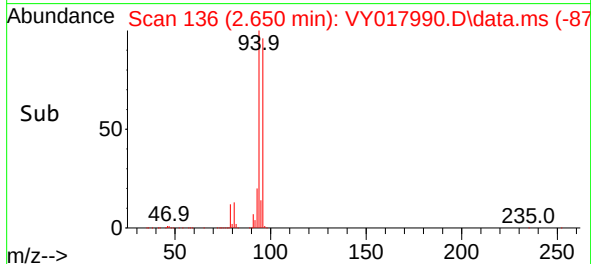
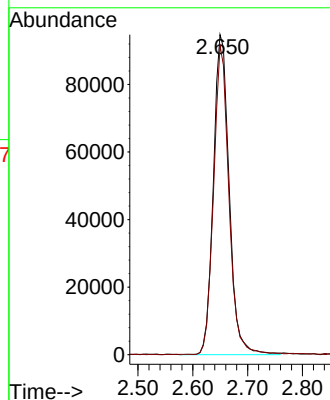
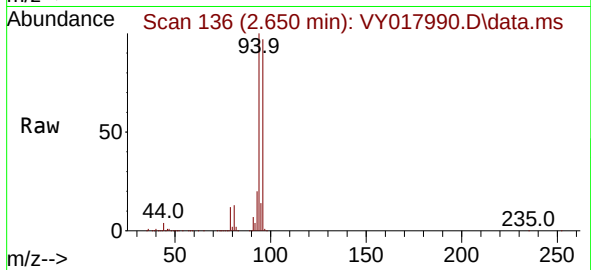
#5
Bromomethane
Concen: 43.143 ug/l
RT: 2.650 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017990.D
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Tgt Ion: 94 Resp: 18953
Ion Ratio Lower Upper
94 100
96 96.4 74.1 111.1

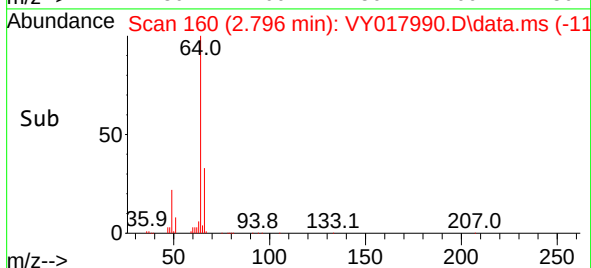
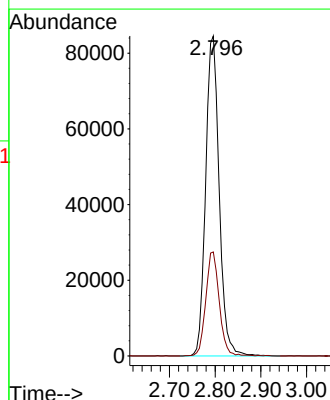
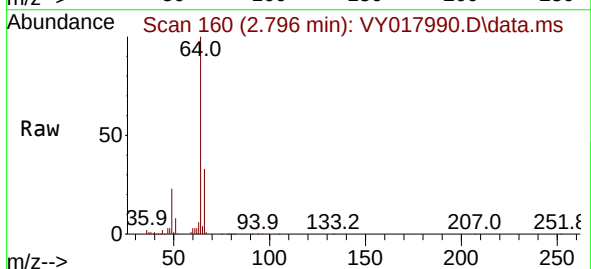
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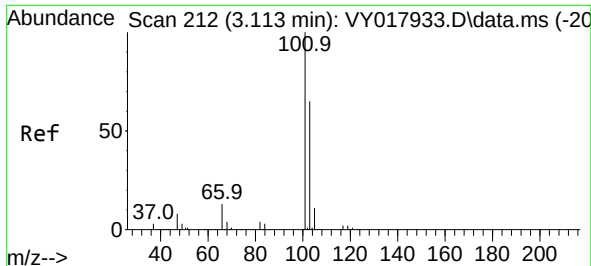
Reviewed By :Mahesh Dadoda 04/22/2024
Supervised By :Semsettin Yesilyurt 04/22/2024



#6
Chloroethane
Concen: 41.625 ug/l
RT: 2.796 min Scan# 160
Delta R.T. 0.006 min
Lab File: VY017990.D
Acq: 19 Apr 2024 11:28

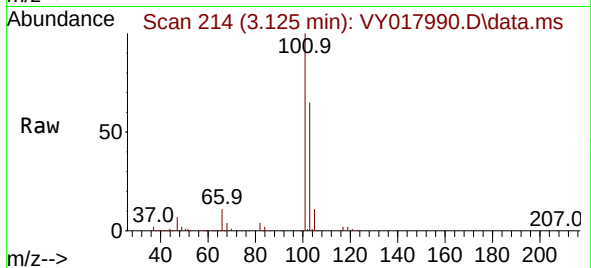
Tgt Ion: 64 Resp: 173445
Ion Ratio Lower Upper
64 100
66 32.5 26.1 39.1





#7
Trichlorofluoromethane
Concen: 43.721 ug/l
RT: 3.125 min Scan# 21
Delta R.T. 0.000 min
Lab File: VY017990.D
Acq: 19 Apr 2024 11:28

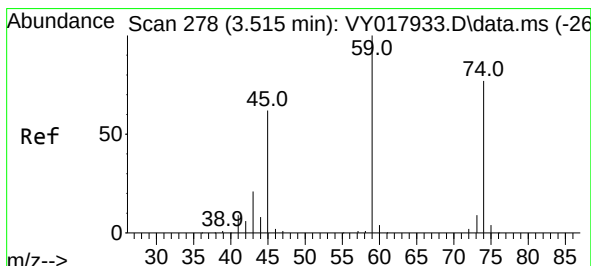
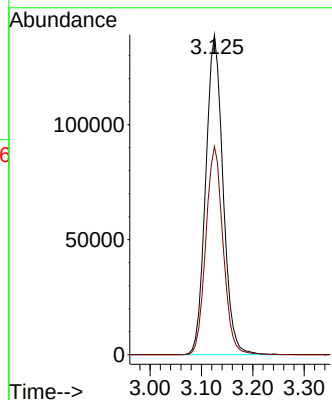
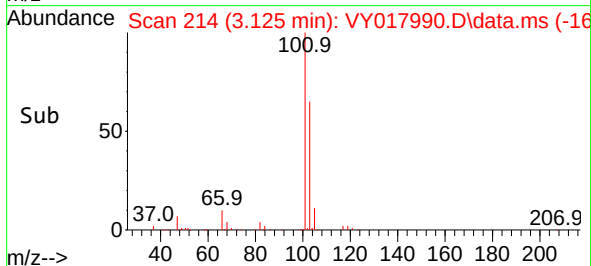
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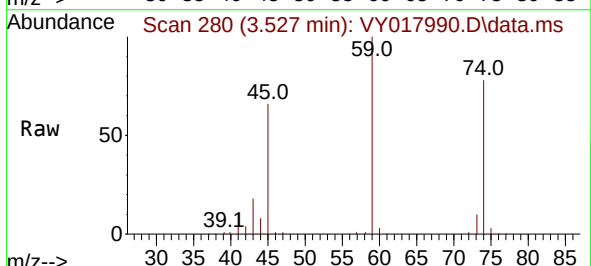
Tgt Ion:101 Resp: 325210
Ion Ratio Lower Upper
101 100
103 65.0 49.3 73.9

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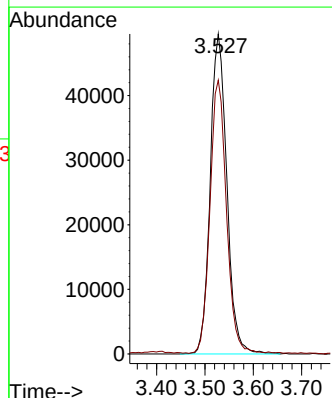
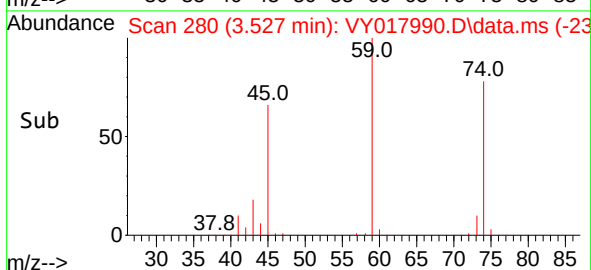
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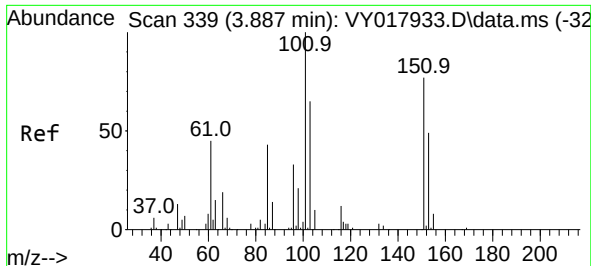


#8
Diethyl Ether
Concen: 50.243 ug/l
RT: 3.527 min Scan# 280
Delta R.T. 0.000 min
Lab File: VY017990.D
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Tgt Ion: 74 Resp: 118096
Ion Ratio Lower Upper
74 100
45 84.6 41.3 124.1





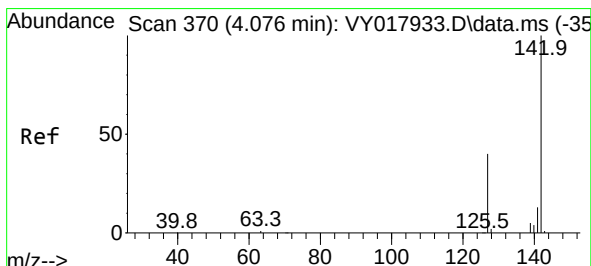
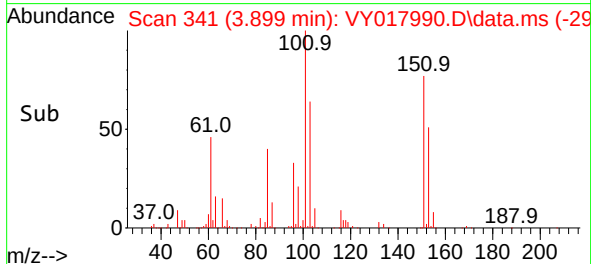
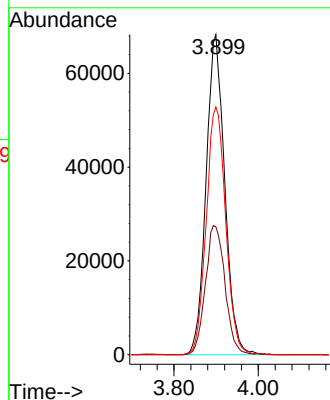
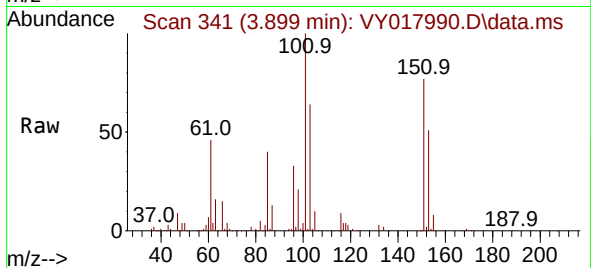
#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.272 ug/l
RT: 3.899 min Scan# 341
Delta R.T. 0.000 min
Lab File: VY017990.D
Acq: 19 Apr 2024 11:28

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 20970
Ion Ratio Lower Upper
101 100
85 42.4 34.5 51.7
151 81.0 61.7 92.5

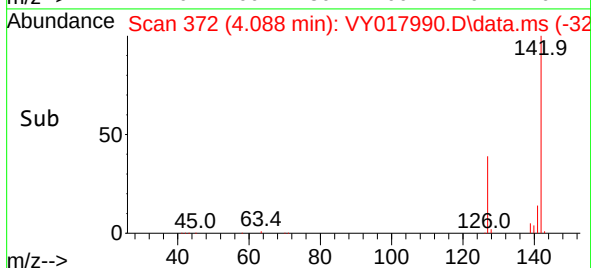
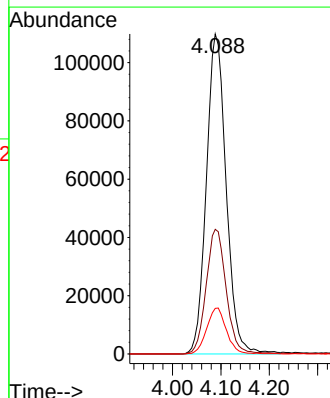
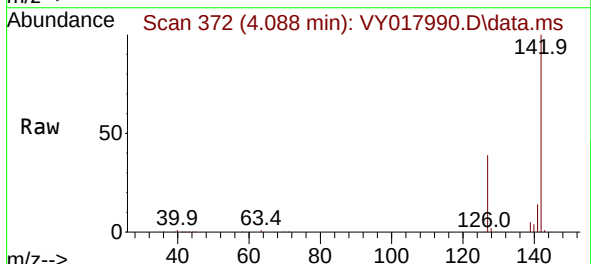
Manual Integrations
APPROVED

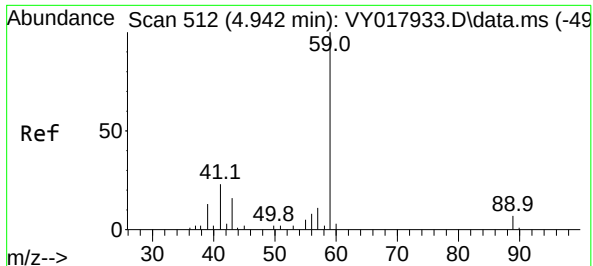
Reviewed By :Mahesh Dadoda 04/22/2024
Supervised By :Semsettin Yesilyurt 04/22/2024



#10
Methyl Iodide
Concen: 50.712 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.000 min
Lab File: VY017990.D
Acq: 19 Apr 2024 11:28

Tgt Ion:142 Resp: 312515
Ion Ratio Lower Upper
142 100
127 39.6 32.8 49.2
141 14.3 11.4 17.2





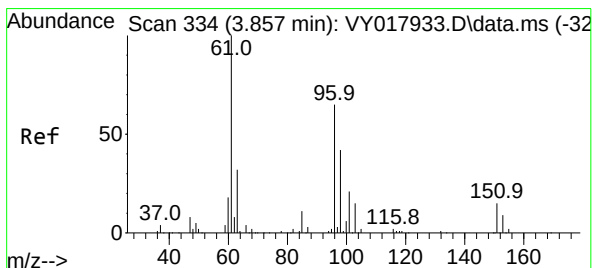
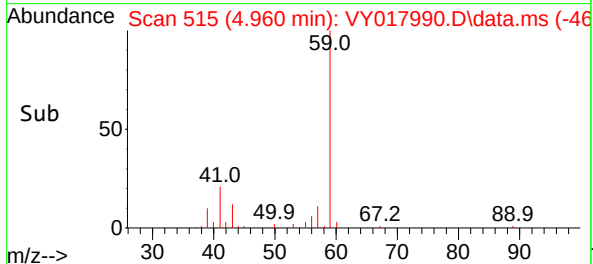
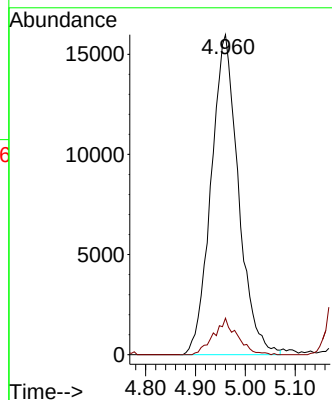
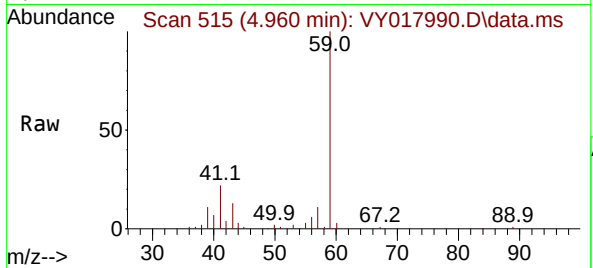
#11
Tert butyl alcohol
Concen: 218.638 ug/l
RT: 4.960 min Scan# 512
Delta R.T. 0.006 min
Lab File: VY017990.D
Acq: 19 Apr 2024 11:28

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 60795
Ion Ratio Lower Upper
59 100
57 9.9 3.0 4.6

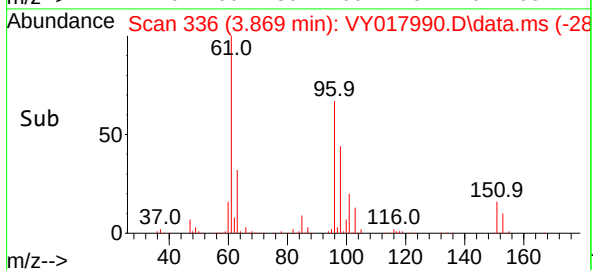
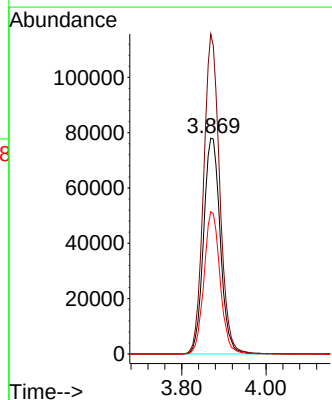
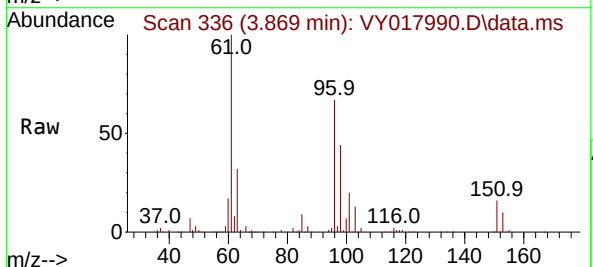
Manual Integrations
APPROVED

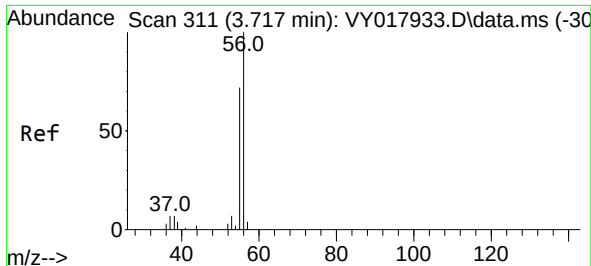
Reviewed By :Mahesh Dadoda 04/22/2024
Supervised By :Semsettin Yesilyurt 04/22/2024



#12
1,1-Dichloroethene
Concen: 47.750 ug/l
RT: 3.869 min Scan# 336
Delta R.T. -0.006 min
Lab File: VY017990.D
Acq: 19 Apr 2024 11:28

Tgt Ion: 96 Resp: 214721
Ion Ratio Lower Upper
96 100
61 148.3 114.6 171.8
98 65.9 50.8 76.2





#13

Acrolein

Concen: 332.159 ug/l

RT: 3.729 min Scan# 311

Delta R.T. 0.000 min

Lab File: VY017990.D

Acq: 19 Apr 2024 11:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 56 Resp: 9972

Ion Ratio Lower Upper

56 100

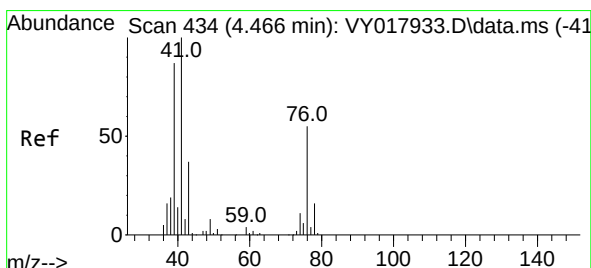
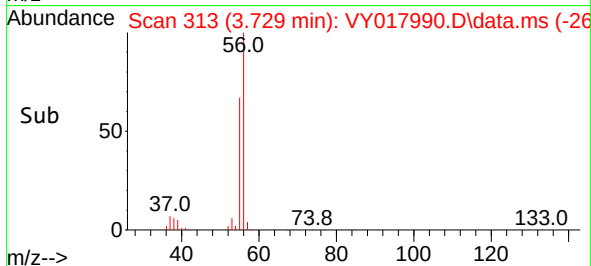
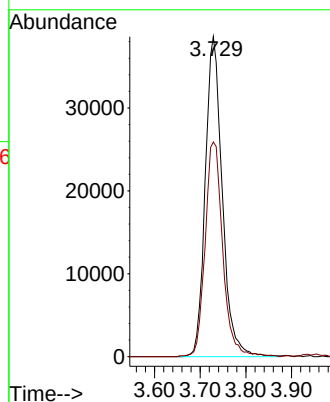
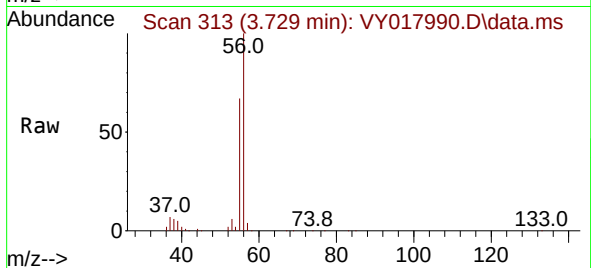
55 69.7 55.7 83.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/22/2024

Supervised By :Semsettin Yesilyurt 04/22/2024



#14

Allyl chloride

Concen: 49.924 ug/l

RT: 4.479 min Scan# 436

Delta R.T. 0.000 min

Lab File: VY017990.D

Acq: 19 Apr 2024 11:28

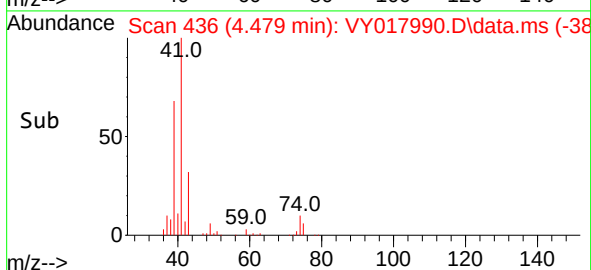
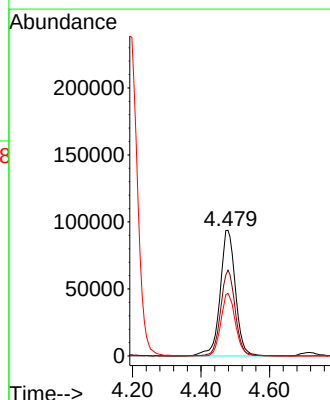
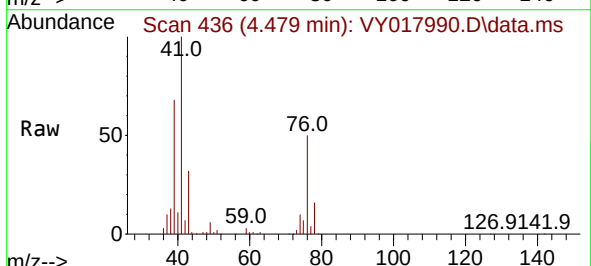
Tgt Ion: 41 Resp: 290526

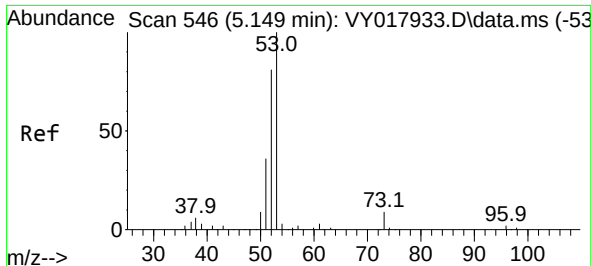
Ion Ratio Lower Upper

41 100

39 65.0 58.3 87.5

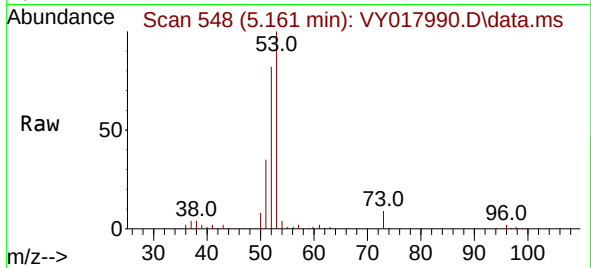
76 47.3 39.0 58.6





#15
Acrylonitrile
Concen: 251.522 ug/l
RT: 5.161 min Scan# 546
Delta R.T. 0.000 min
Lab File: VY017990.D
Acq: 19 Apr 2024 11:28

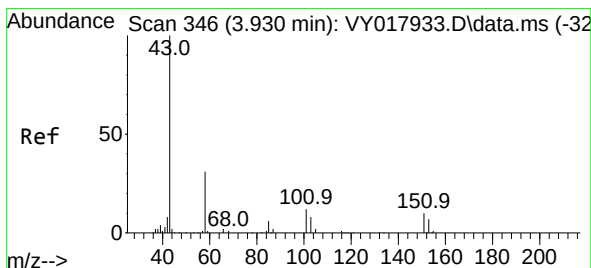
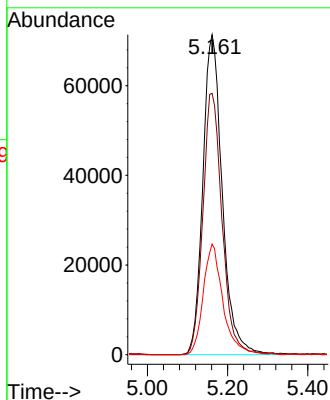
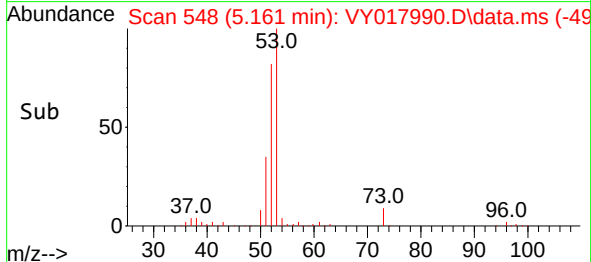
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



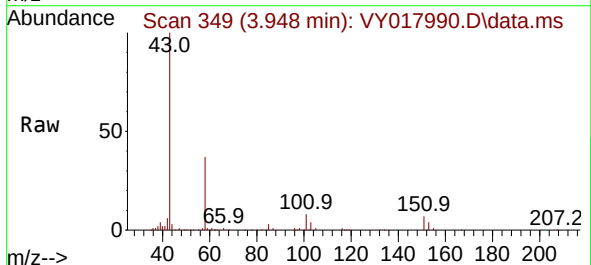
Tgt Ion: 53 Resp: 24004
Ion Ratio Lower Upper
53 100
52 80.7 64.7 97.1
51 35.0 28.4 42.6

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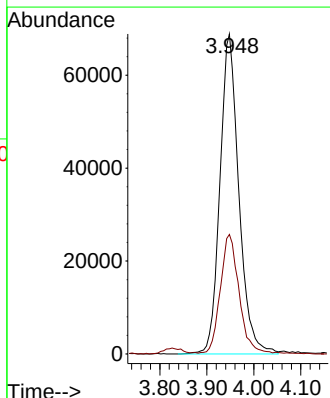
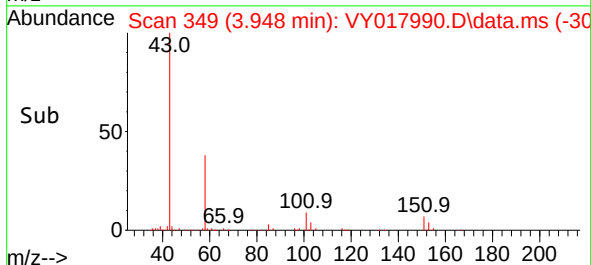
Reviewed By :Mahesh Dadoda 04/22/2024
Supervised By :Semsettin Yesilyurt 04/22/2024

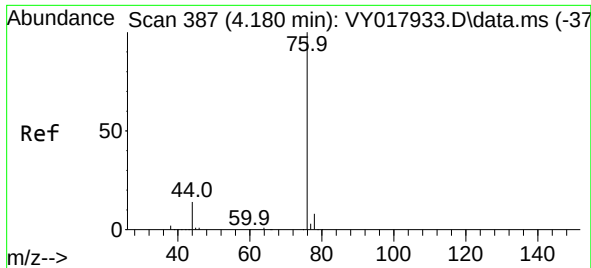


#16
Acetone
Concen: 253.145 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY017990.D
Acq: 19 Apr 2024 11:28



Tgt Ion: 43 Resp: 192818
Ion Ratio Lower Upper
43 100
58 36.9 31.7 47.5





#17

Carbon Disulfide

Concen: 46.112 ug/l

RT: 4.192 min Scan# 389

Delta R.T. 0.000 min

Lab File: VY017990.D

Acq: 19 Apr 2024 11:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 65963

Ion Ratio Lower Upper

76 100

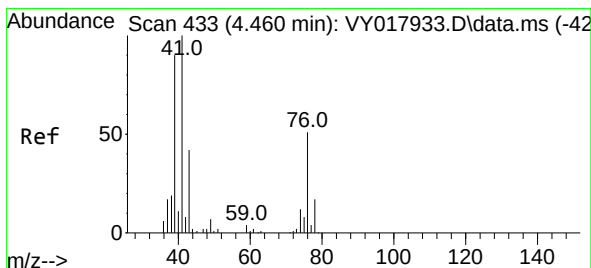
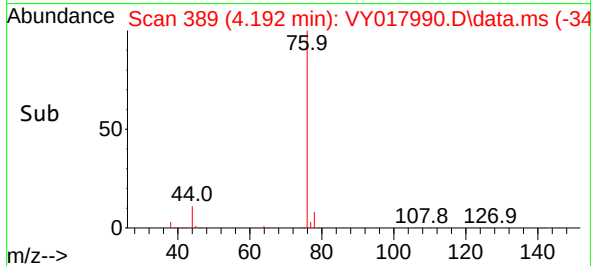
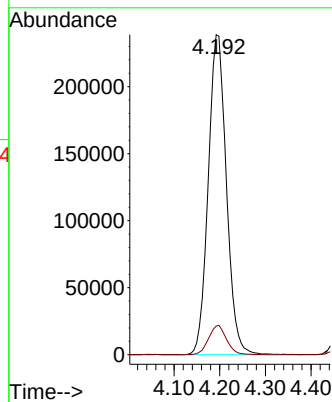
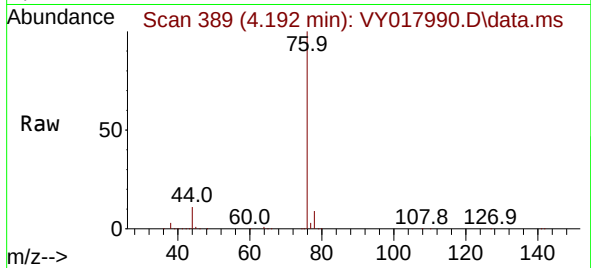
78 9.0 6.8 10.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/22/2024

Supervised By :Semsettin Yesilyurt 04/22/2024



#18

Methyl Acetate

Concen: 44.664 ug/l

RT: 4.479 min Scan# 436

Delta R.T. 0.000 min

Lab File: VY017990.D

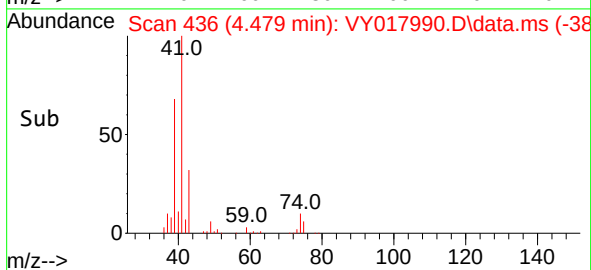
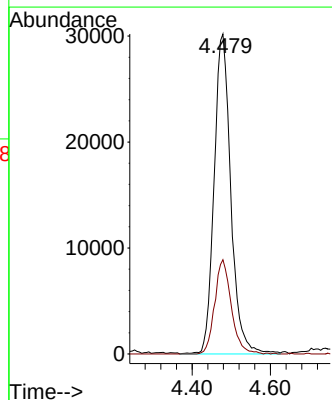
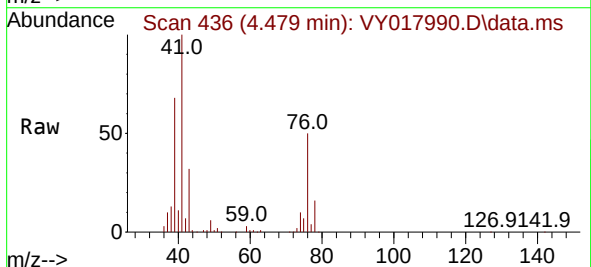
Acq: 19 Apr 2024 11:28

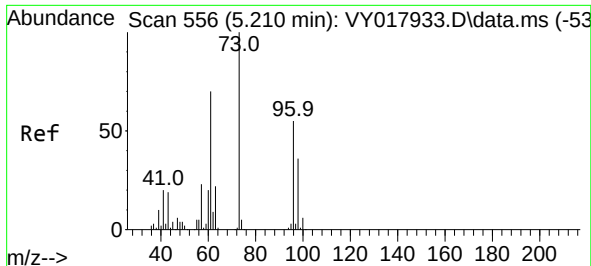
Tgt Ion: 43 Resp: 89497

Ion Ratio Lower Upper

43 100

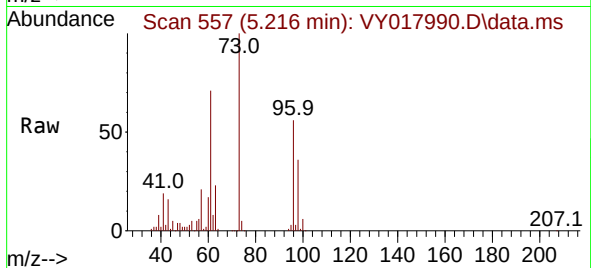
74 29.2 23.3 34.9





#19
Methyl tert-butyl Ether
Concen: 50.931 ug/l
RT: 5.216 min Scan# 511
Delta R.T. -0.006 min
Lab File: VY017990.D
Acq: 19 Apr 2024 11:28

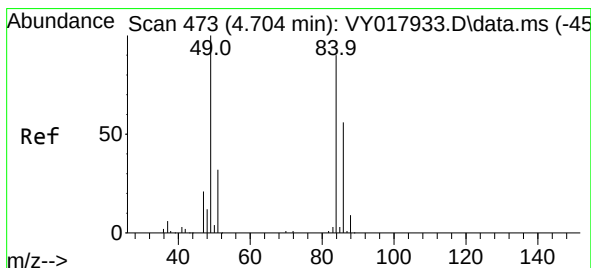
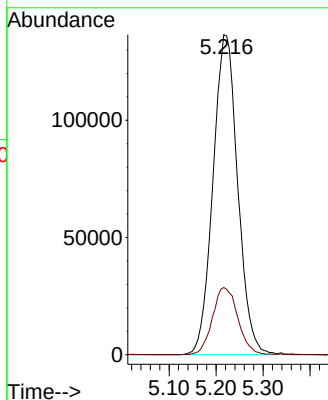
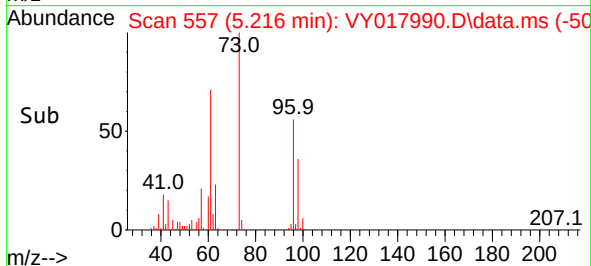
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 499140
Ion Ratio Lower Upper
73 100
57 21.0 17.3 25.9

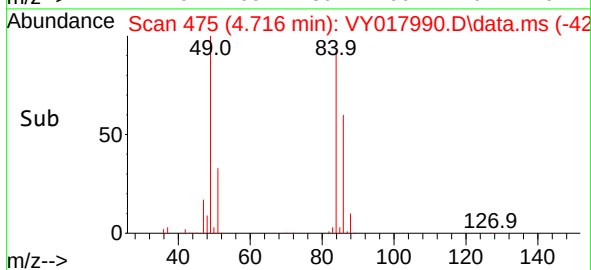
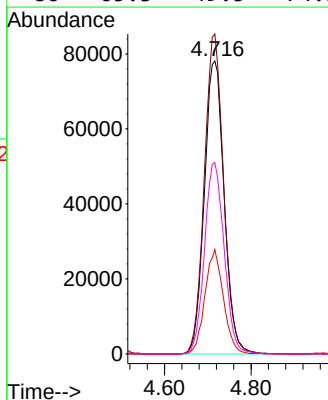
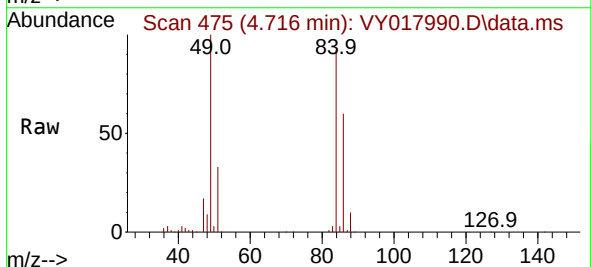
Manual Integrations
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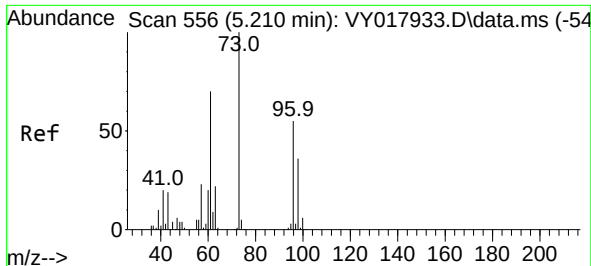
Reviewed By :Mahesh Dadoda 04/22/2024
Supervised By :Semsettin Yesilyurt 04/22/2024



#20
Methylene Chloride
Concen: 48.070 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY017990.D
Acq: 19 Apr 2024 11:28

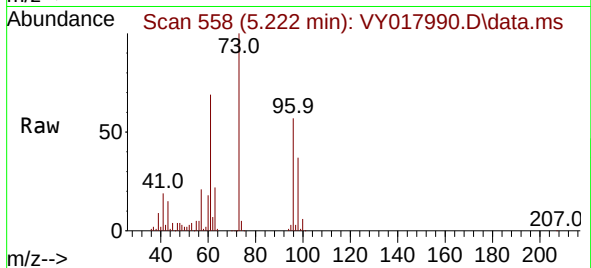
Tgt Ion: 84 Resp: 248055
Ion Ratio Lower Upper
84 100
49 109.3 84.4 126.6
51 35.6 26.0 39.0
86 65.3 49.5 74.3





#21
trans-1,2-Dichloroethene
Concen: 48.982 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY017990.D
Acq: 19 Apr 2024 11:28

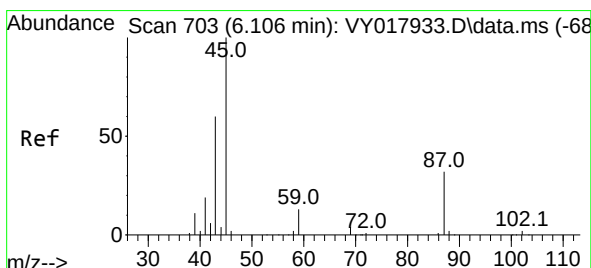
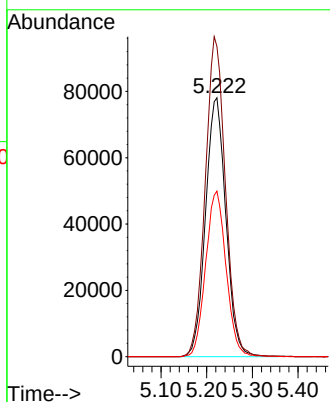
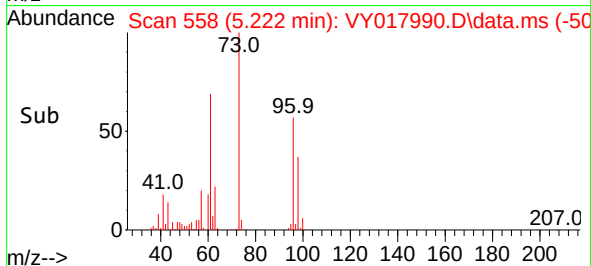
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



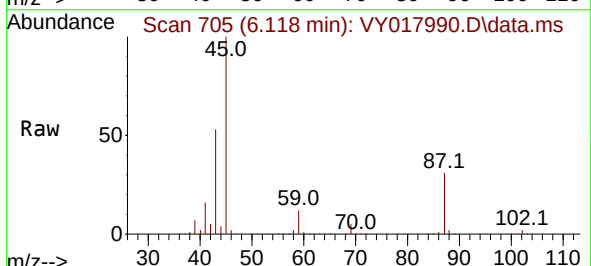
Tgt Ion: 96 Resp: 24128
Ion Ratio Lower Upper
96 100
61 119.8 97.5 146.3
98 64.0 50.5 75.7

Manual Integrations
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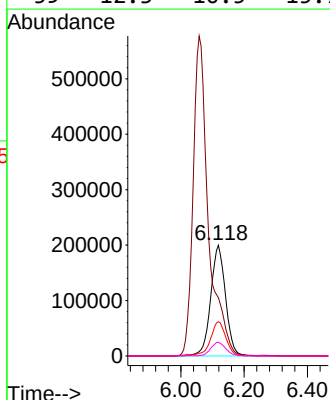
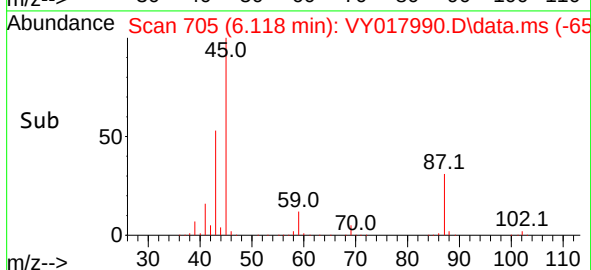
Reviewed By :Mahesh Dadoda 04/22/2024
Supervised By :Semsettin Yesilyurt 04/22/2024

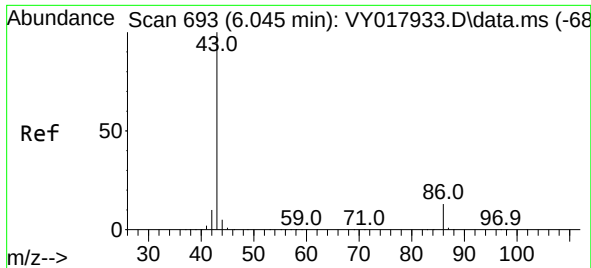


#22
Diisopropyl ether
Concen: 50.941 ug/l
RT: 6.118 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY017990.D
Acq: 19 Apr 2024 11:28



Tgt Ion: 45 Resp: 649885
Ion Ratio Lower Upper
45 100
43 52.4 42.2 63.2
87 30.9 25.0 37.6
59 12.3 10.5 15.7





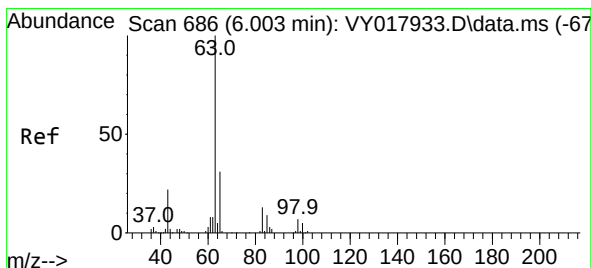
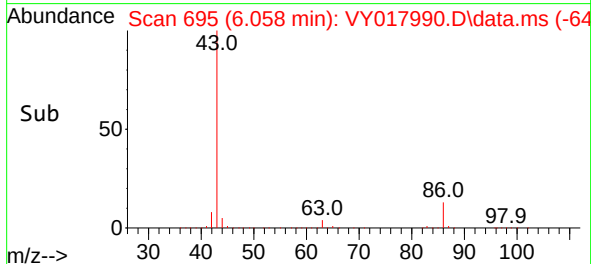
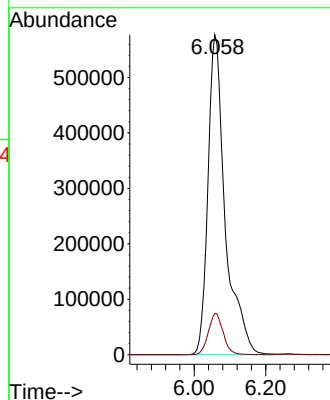
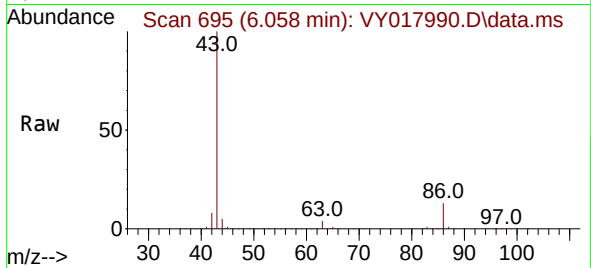
#23
 Vinyl Acetate
 Concen: 255.878 ug/l
 RT: 6.058 min Scan# 693
 Delta R.T. -0.006 min
 Lab File: VY017990.D
 Acq: 19 Apr 2024 11:28

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 193573
 Ion Ratio Lower Upper
 43 100
 86 12.9 10.6 16.0

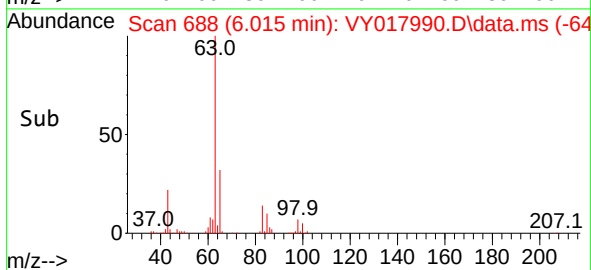
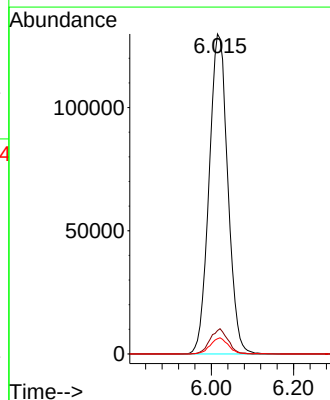
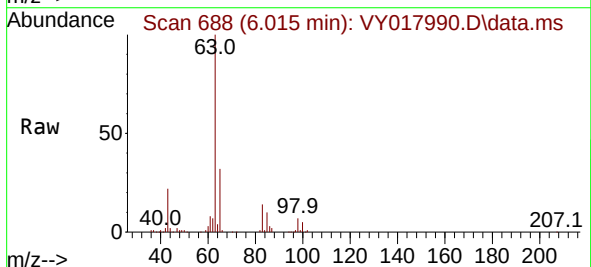
Manual Integrations
 APPROVED

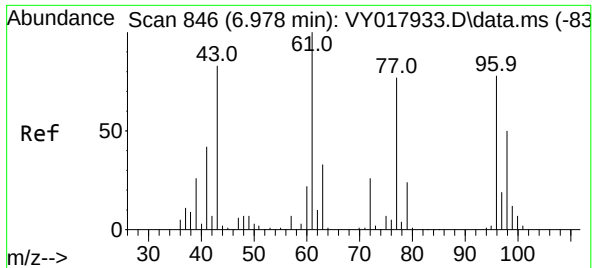
Reviewed By :Mahesh Dadoda 04/22/2024
 Supervised By :Semsettin Yesilyurt 04/22/2024



#24
 1,1-Dichloroethane
 Concen: 49.191 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.006 min
 Lab File: VY017990.D
 Acq: 19 Apr 2024 11:28

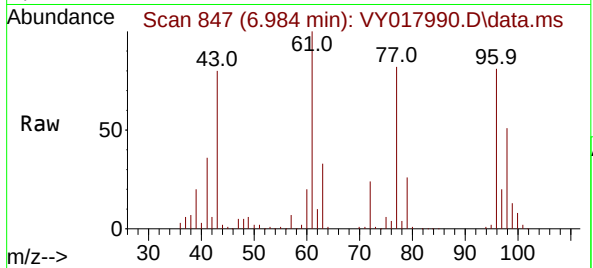
Tgt Ion: 63 Resp: 409742
 Ion Ratio Lower Upper
 63 100
 98 7.3 4.0 12.2
 100 4.7 2.6 8.0





#25
2-Butanone
Concen: 254.182 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY017990.D
Acq: 19 Apr 2024 11:28

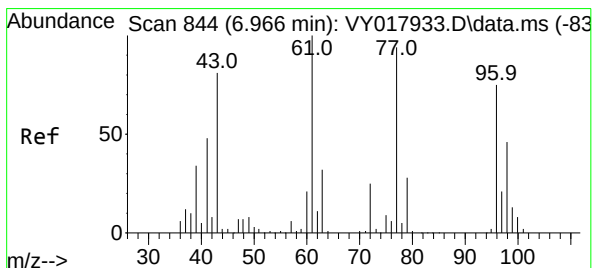
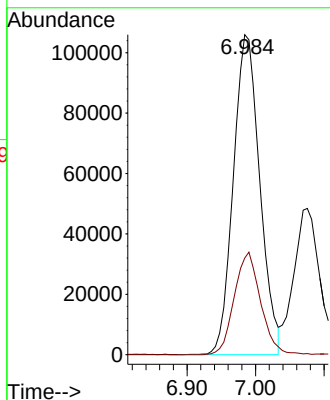
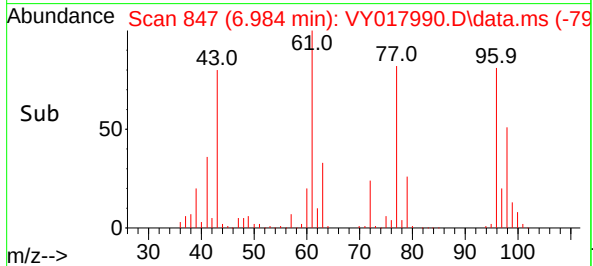
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 284579
Ion Ratio Lower Upper
43 100
72 30.2 27.3 40.9

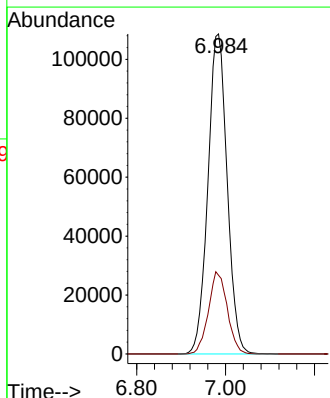
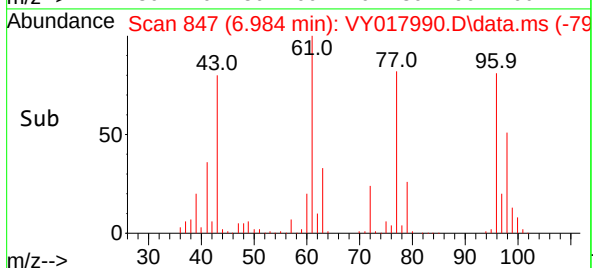
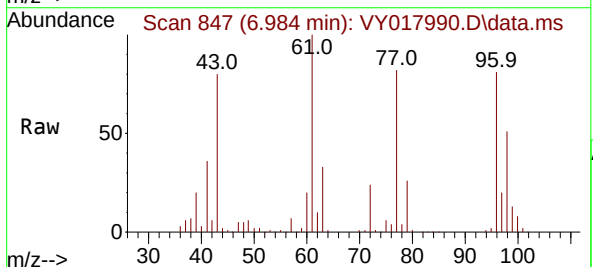
Manual Integrations
APPROVED

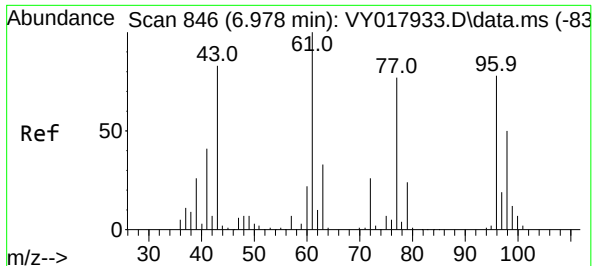
Reviewed By :Mahesh Dadoda 04/22/2024
Supervised By :Semsettin Yesilyurt 04/22/2024



#26
2,2-Dichloropropane
Concen: 48.826 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY017990.D
Acq: 19 Apr 2024 11:28

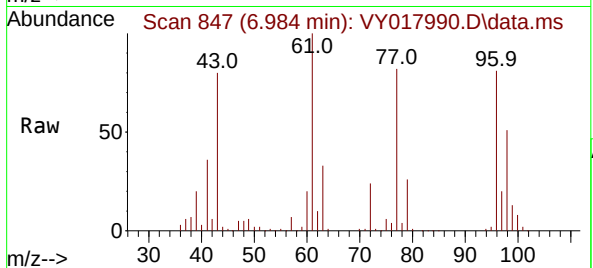
Tgt Ion: 77 Resp: 326287
Ion Ratio Lower Upper
77 100
97 25.1 12.0 36.1





#27
cis-1,2-Dichloroethene
Concen: 50.759 ug/l
RT: 6.984 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY017990.D
Acq: 19 Apr 2024 11:28

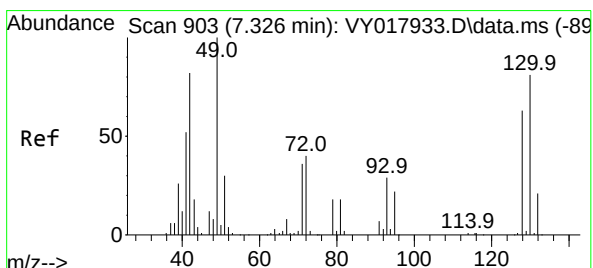
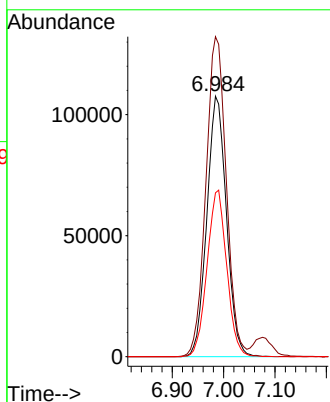
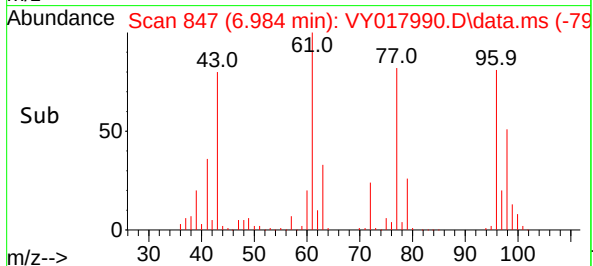
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 285570
Ion Ratio Lower Upper
96 100
61 127.6 0.0 256.2
98 64.1 0.0 130.0

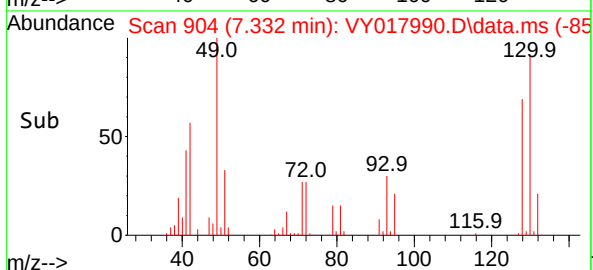
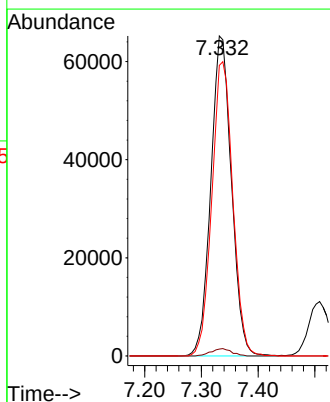
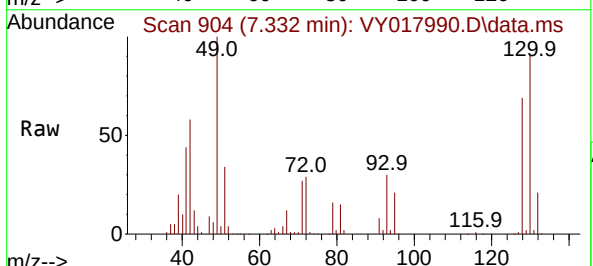
Manual Integrations
APPROVED

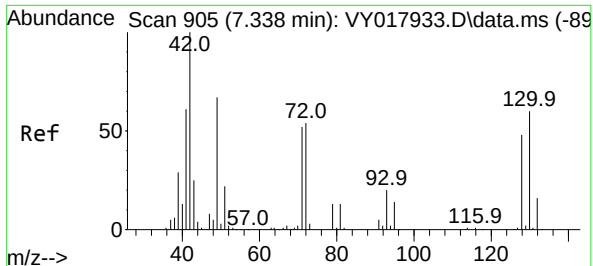
Reviewed By :Mahesh Dadoda 04/22/2024
Supervised By :Semsettin Yesilyurt 04/22/2024



#28
Bromochloromethane
Concen: 50.209 ug/l
RT: 7.332 min Scan# 904
Delta R.T. -0.006 min
Lab File: VY017990.D
Acq: 19 Apr 2024 11:28

Tgt Ion: 49 Resp: 164511
Ion Ratio Lower Upper
49 100
129 2.3 0.0 4.6
130 93.3 72.7 109.1





#29

Tetrahydrofuran

Concen: 250.731 ug/l

RT: 7.350 min Scan# 905

Delta R.T. 0.000 min

Lab File: VY017990.D

Acq: 19 Apr 2024 11:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 17814

Ion Ratio Lower Upper

42 100

72 51.7 43.0 64.4

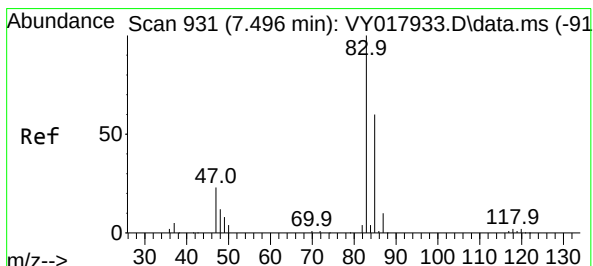
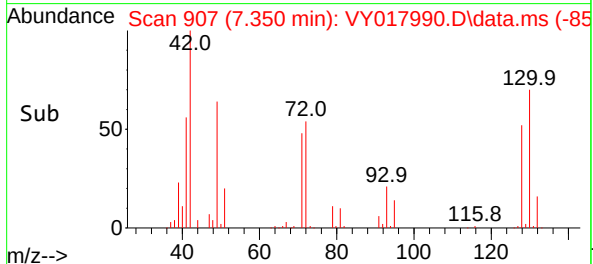
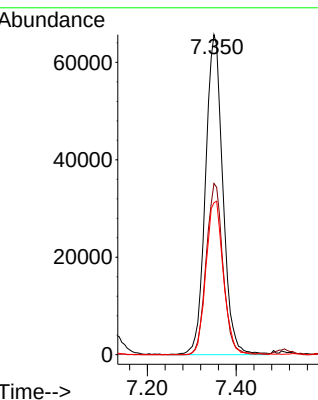
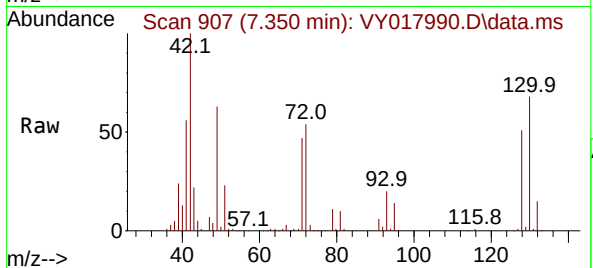
71 48.0 40.8 61.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/22/2024

Supervised By :Semsettin Yesilyurt 04/22/2024



#30

Chloroform

Concen: 48.626 ug/l

RT: 7.508 min Scan# 933

Delta R.T. 0.000 min

Lab File: VY017990.D

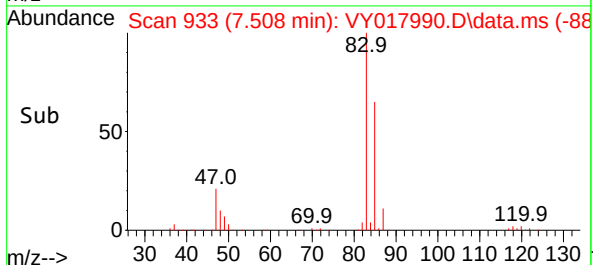
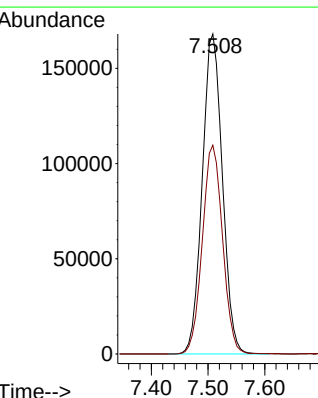
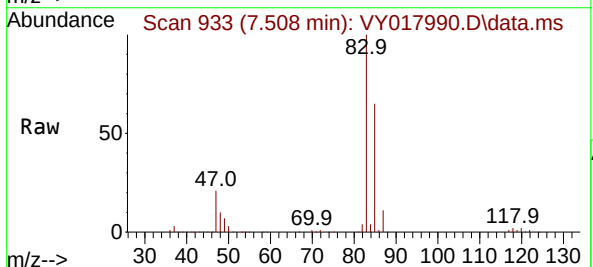
Acq: 19 Apr 2024 11:28

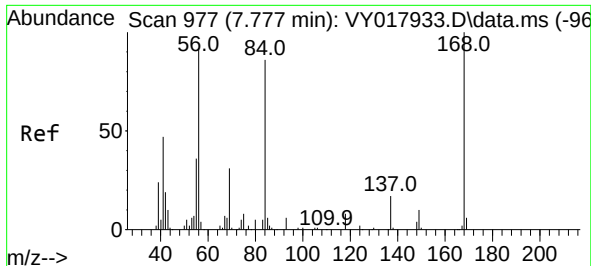
Tgt Ion: 83 Resp: 413956

Ion Ratio Lower Upper

83 100

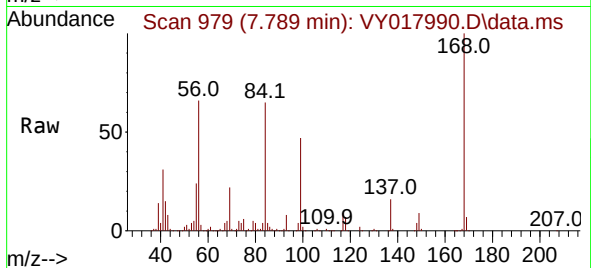
85 65.2 52.2 78.4





#31
Cyclohexane
Concen: 43.759 ug/l
RT: 7.789 min Scan# 911
Delta R.T. 0.006 min
Lab File: VY017990.D
Acq: 19 Apr 2024 11:28

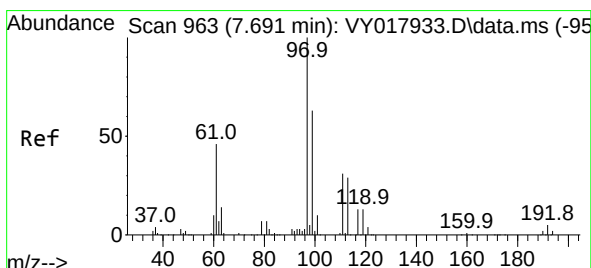
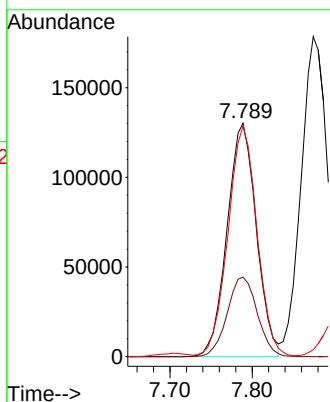
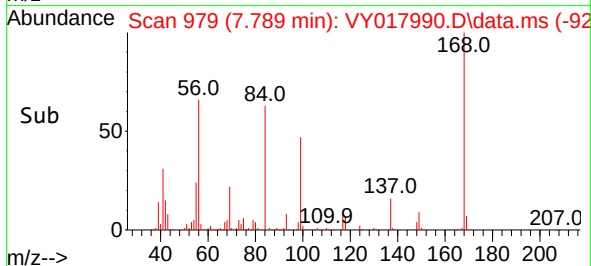
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 32243
Ion Ratio Lower Upper
56 100
69 34.1 28.7 43.1
84 97.3 77.7 116.5

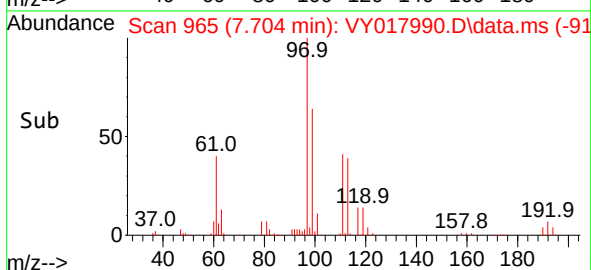
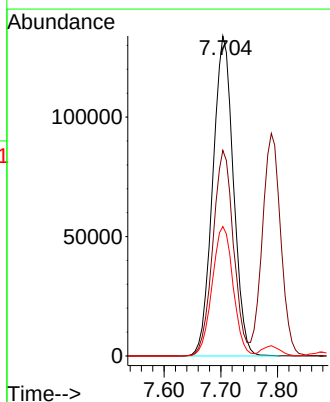
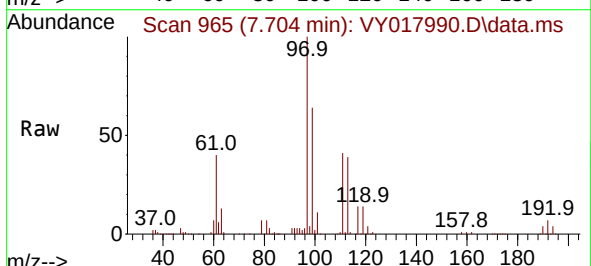
Manual Integrations
APPROVED

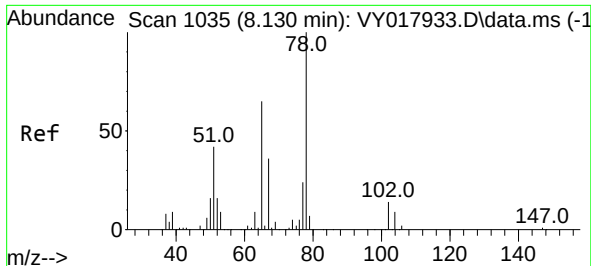
Reviewed By :Mahesh Dadoda 04/22/2024
Supervised By :Semsettin Yesilyurt 04/22/2024



#32
1,1,1-Trichloroethane
Concen: 47.869 ug/l
RT: 7.704 min Scan# 965
Delta R.T. 0.000 min
Lab File: VY017990.D
Acq: 19 Apr 2024 11:28

Tgt Ion: 97 Resp: 339415
Ion Ratio Lower Upper
97 100
99 64.6 50.3 75.5
61 41.0 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 44.789 ug/l

RT: 8.142 min Scan# 1035

Delta R.T. 0.000 min

Lab File: VY017990.D

Acq: 19 Apr 2024 11:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 172658

Ion Ratio Lower Upper

65 100

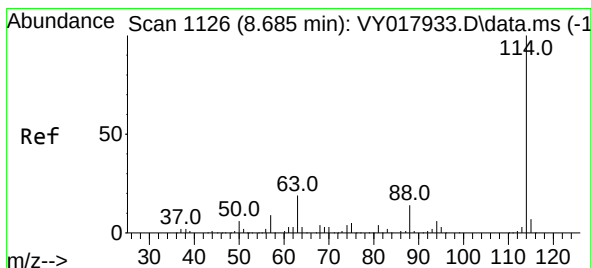
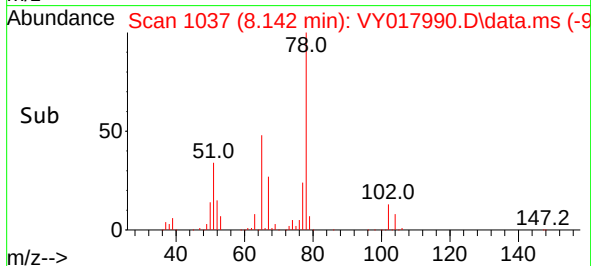
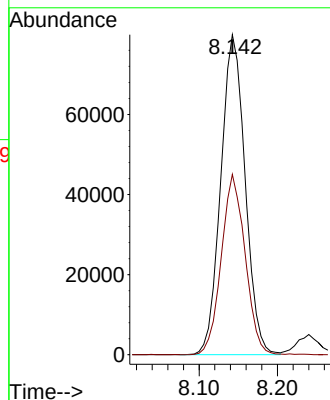
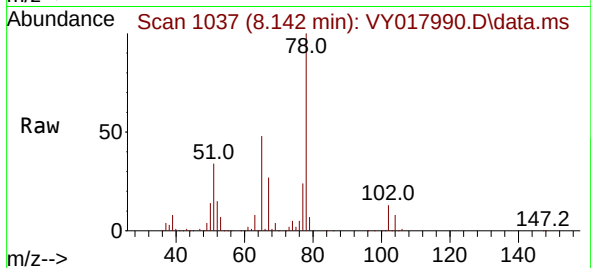
67 55.0 0.0 109.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/22/2024

Supervised By :Semsettin Yesilyurt 04/22/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY017990.D

Acq: 19 Apr 2024 11:28

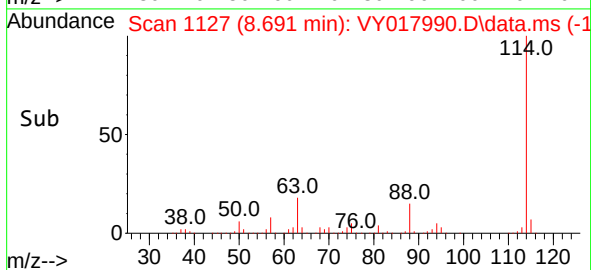
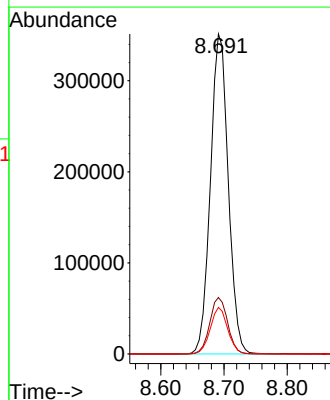
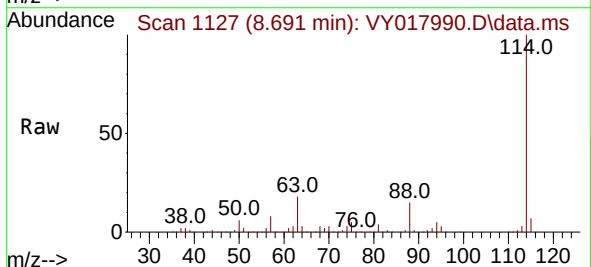
Tgt Ion:114 Resp: 689055

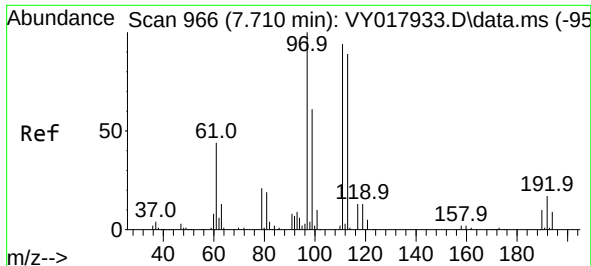
Ion Ratio Lower Upper

114 100

63 17.7 0.0 35.0

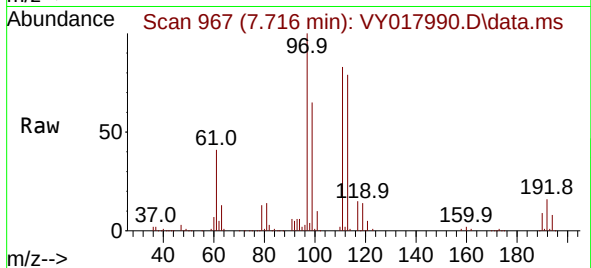
88 14.5 0.0 27.2





#35
Dibromofluoromethane
Concen: 47.130 ug/l
RT: 7.716 min Scan# 90
Delta R.T. -0.006 min
Lab File: VY017990.D
Acq: 19 Apr 2024 11:28

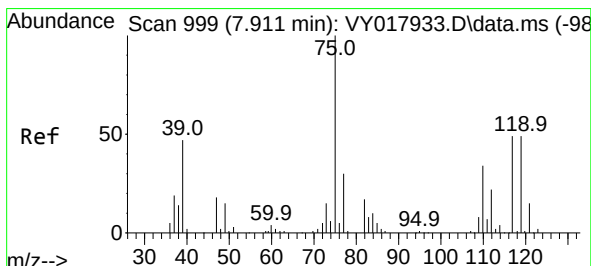
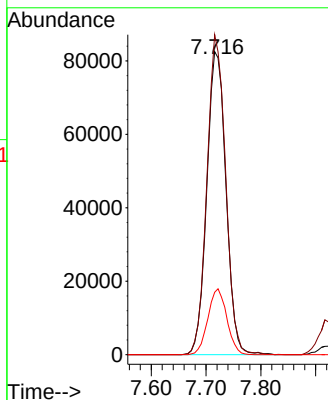
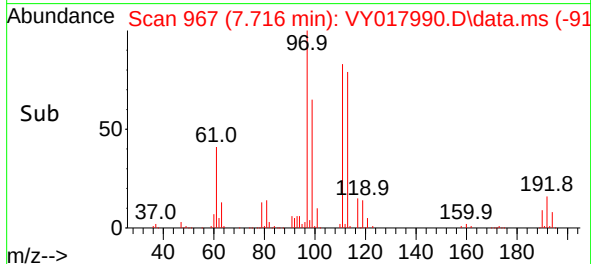
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion:113 Resp: 200350
Ion Ratio Lower Upper
113 100
111 103.0 82.2 123.4
192 21.5 15.9 23.9

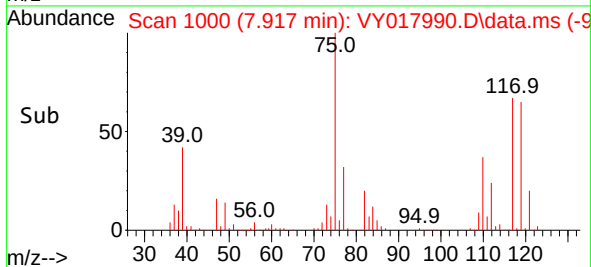
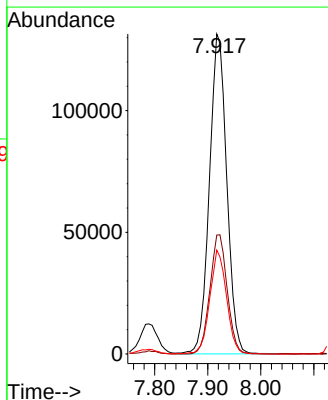
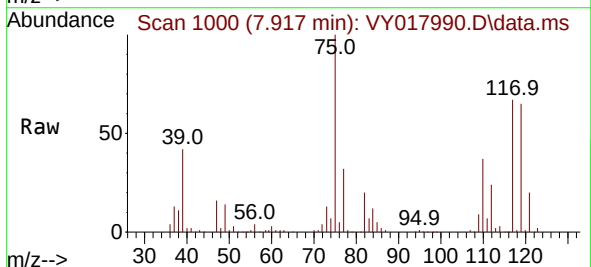
Manual Integrations
APPROVED

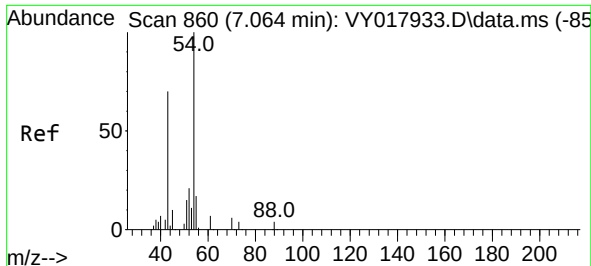
Reviewed By :Mahesh Dadoda 04/22/2024
Supervised By :Semsettin Yesilyurt 04/22/2024



#36
1,1-Dichloropropene
Concen: 48.283 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY017990.D
Acq: 19 Apr 2024 11:28

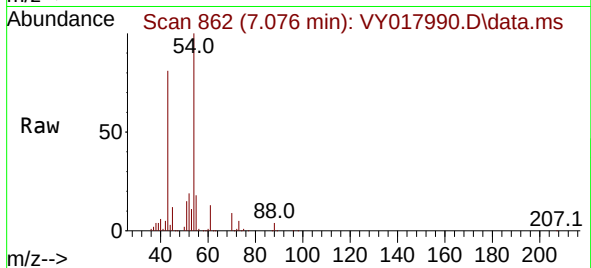
Tgt Ion: 75 Resp: 298500
Ion Ratio Lower Upper
75 100
110 37.1 19.0 57.0
77 31.3 25.3 37.9





#37
Ethyl Acetate
Concen: 51.661 ug/l
RT: 7.076 min Scan# 862
Delta R.T. 0.000 min
Lab File: VY017990.D
Acq: 19 Apr 2024 11:28

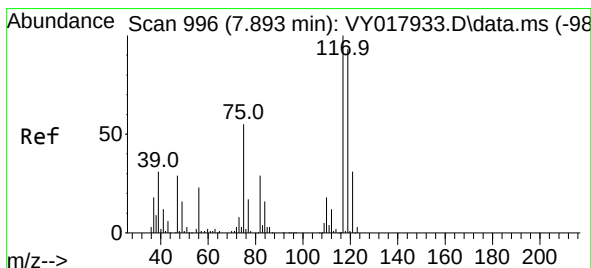
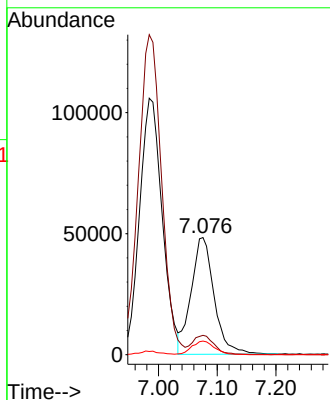
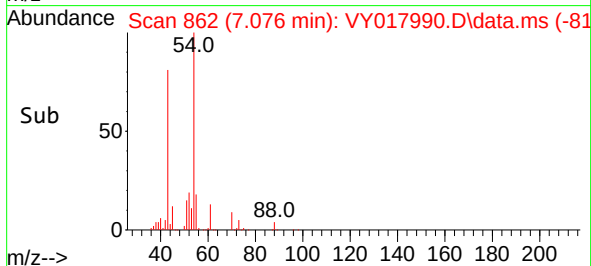
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 131402
Ion Ratio Lower Upper
43 100
61 15.4 12.6 19.0
70 11.5 7.8 11.8

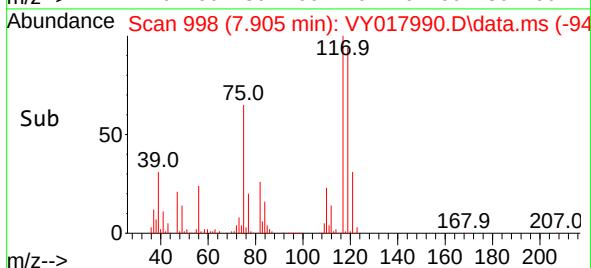
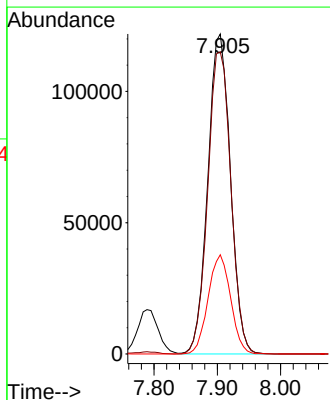
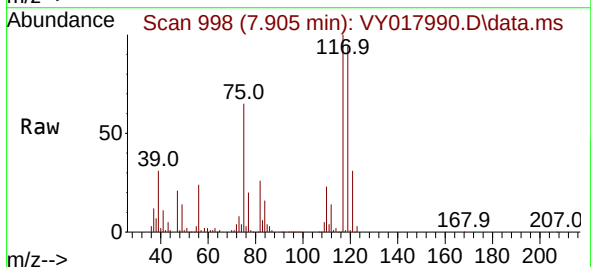
Manual Integrations
APPROVED

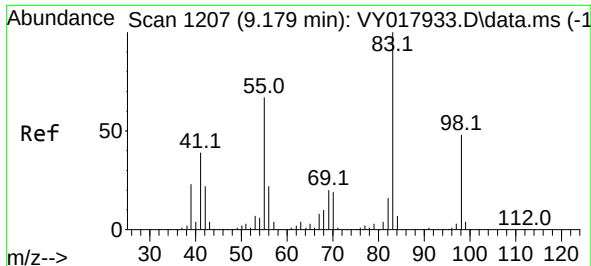
Reviewed By :Mahesh Dadoda 04/22/2024
Supervised By :Semsettin Yesilyurt 04/22/2024



#38
Carbon Tetrachloride
Concen: 48.473 ug/l
RT: 7.905 min Scan# 998
Delta R.T. 0.000 min
Lab File: VY017990.D
Acq: 19 Apr 2024 11:28

Tgt Ion:117 Resp: 302760
Ion Ratio Lower Upper
117 100
119 94.4 75.8 113.6
121 31.0 24.0 36.0





#39

Methylcyclohexane

Concen: 47.848 ug/l

RT: 9.185 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY017990.D

Acq: 19 Apr 2024 11:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 38548

Ion Ratio Lower Upper

83 100

55 68.4 51.5 77.3

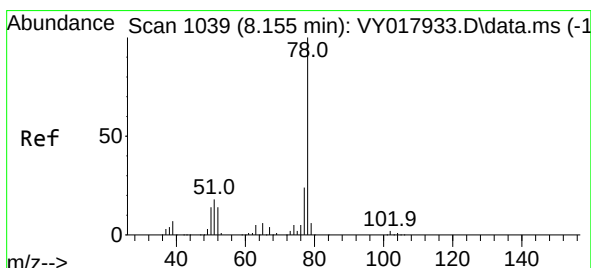
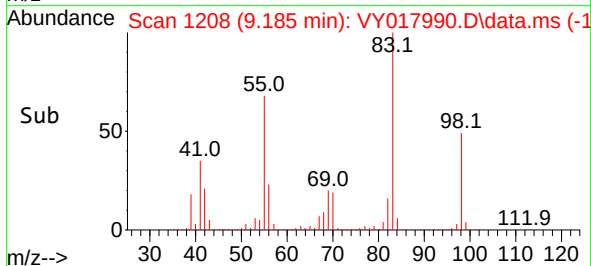
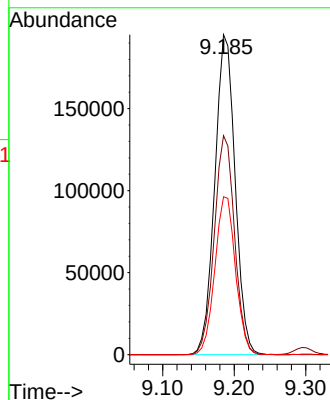
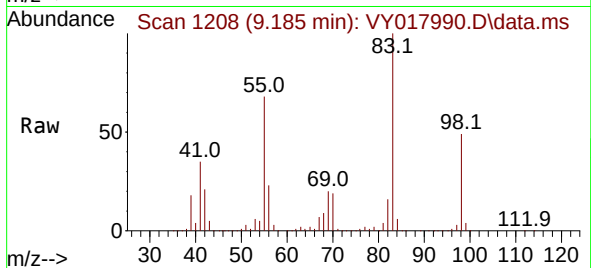
98 49.3 40.5 60.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/22/2024

Supervised By :Semsettin Yesilyurt 04/22/2024



#40

Benzene

Concen: 50.170 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY017990.D

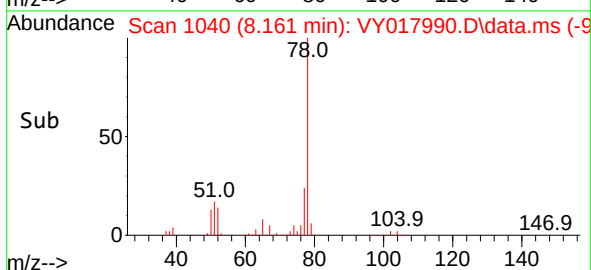
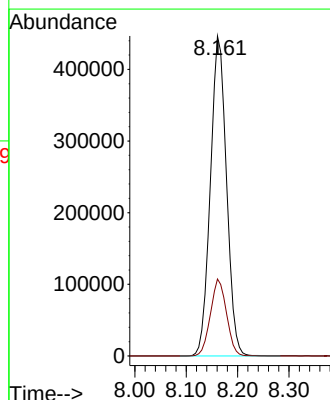
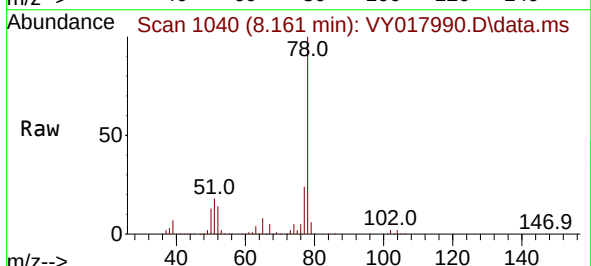
Acq: 19 Apr 2024 11:28

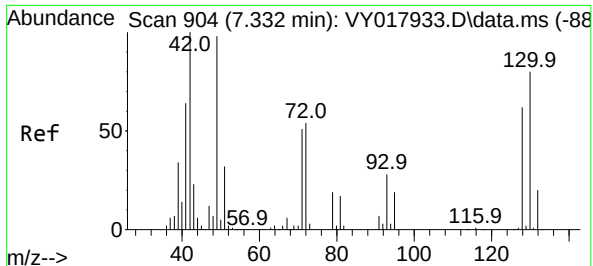
Tgt Ion: 78 Resp: 971531

Ion Ratio Lower Upper

78 100

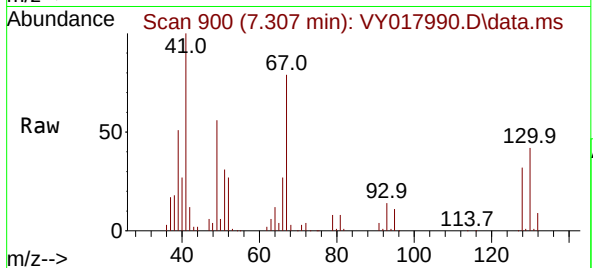
77 24.1 19.5 29.3





#41
Methacrylonitrile
Concen: 50.786 ug/l m
RT: 7.307 min Scan# 904
Delta R.T. -0.024 min
Lab File: VY017990.D
Acq: 19 Apr 2024 11:28

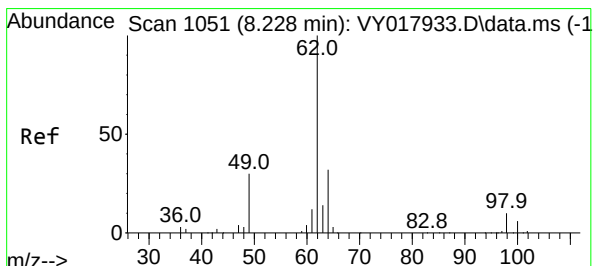
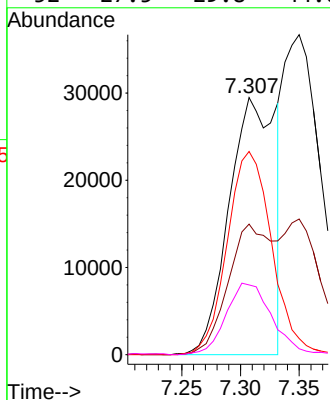
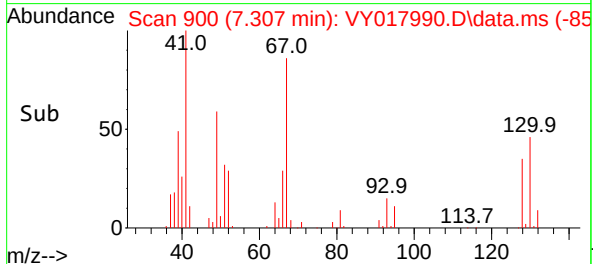
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 81510
Ion Ratio Lower Upper
41 100
39 44.5 48.0 72.0
67 75.7 75.1 112.7
52 27.5 29.8 44.6#

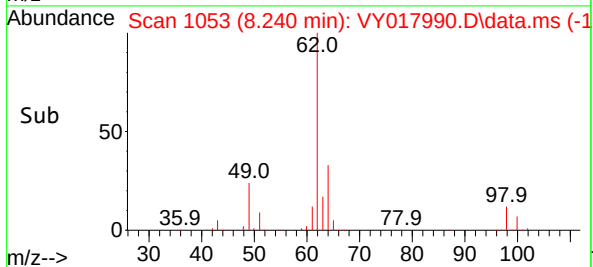
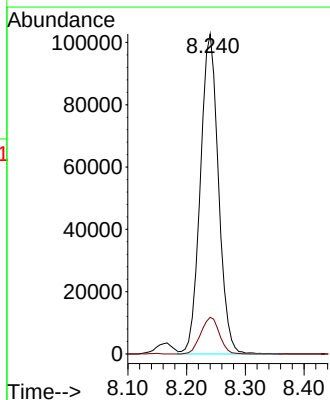
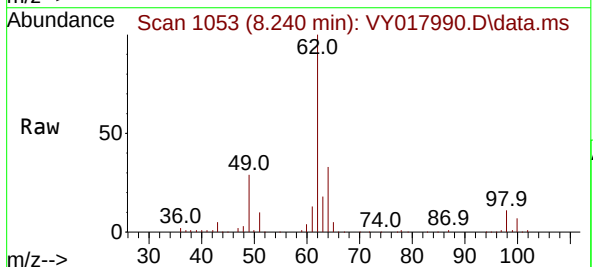
Manual Integrations
APPROVED

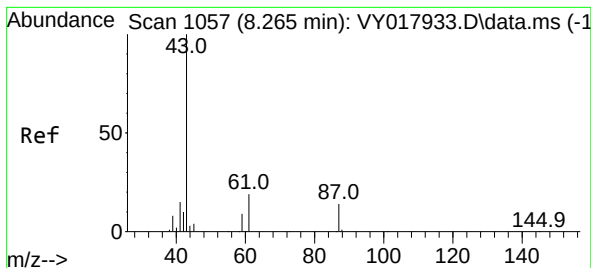
Reviewed By :Mahesh Dadoda 04/22/2024
Supervised By :Semsettin Yesilyurt 04/22/2024



#42
1,2-Dichloroethane
Concen: 49.488 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VY017990.D
Acq: 19 Apr 2024 11:28

Tgt Ion: 62 Resp: 219582
Ion Ratio Lower Upper
62 100
98 11.8 0.0 22.0





#43

Isopropyl Acetate

Concen: 49.954 ug/l

RT: 8.277 min Scan# 1059

Delta R.T. 0.006 min

Lab File: VY017990.D

Acq: 19 Apr 2024 11:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

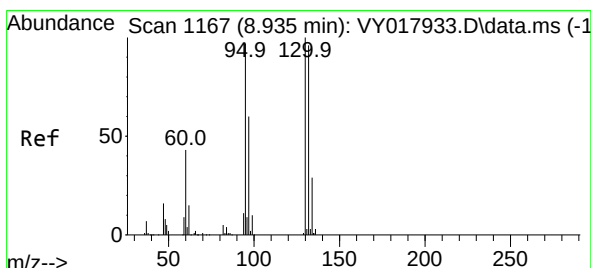
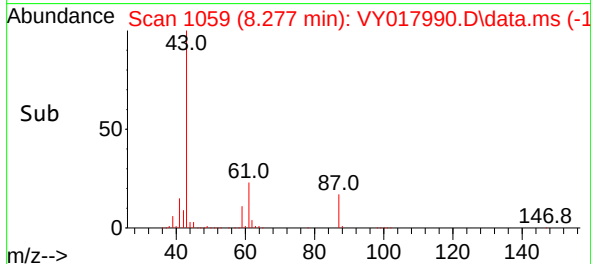
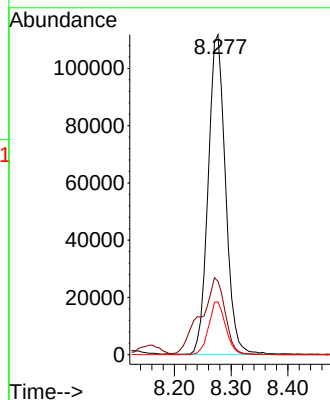
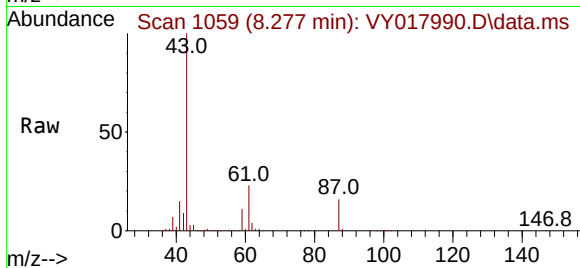
Tgt Ion: 43 Resp: 23685

Ion	Ratio	Lower	Upper
43	100		
61	34.2	27.9	41.9
87	16.3	13.1	19.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/22/2024
Supervised By :Semsettin Yesilyurt 04/22/2024



#44

Trichloroethene

Concen: 51.106 ug/l

RT: 8.941 min Scan# 1168

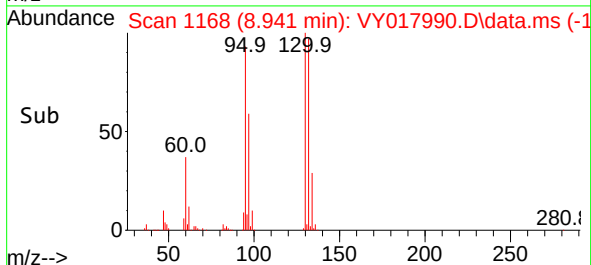
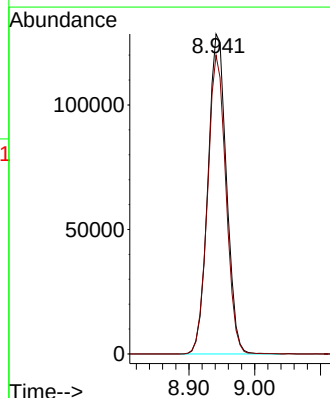
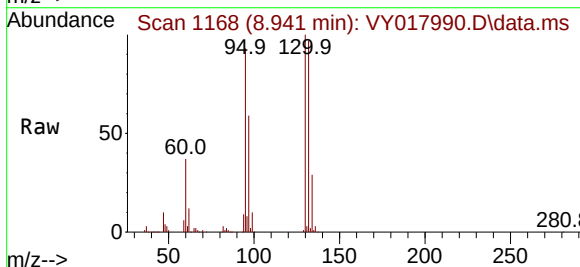
Delta R.T. 0.000 min

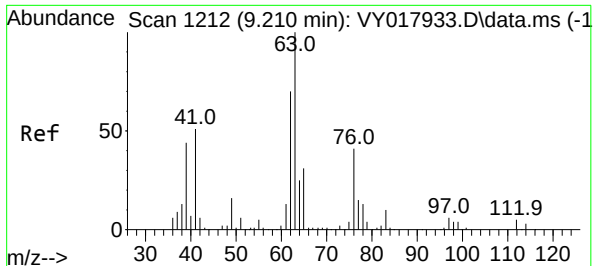
Lab File: VY017990.D

Acq: 19 Apr 2024 11:28

Tgt Ion:130 Resp: 251487

Ion	Ratio	Lower	Upper
130	100		
95	93.4	0.0	188.0





#45

1,2-Dichloropropane

Concen: 50.026 ug/l

RT: 9.222 min Scan# 1214

Delta R.T. 0.006 min

Lab File: VY017990.D

Acq: 19 Apr 2024 11:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 222999

Ion Ratio Lower Upper

63 100

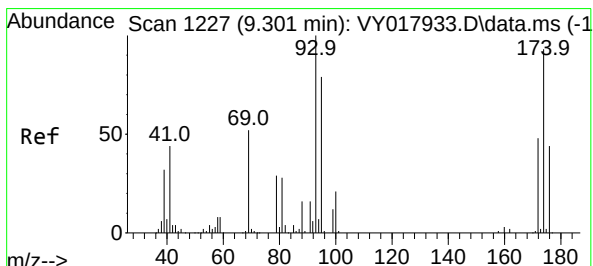
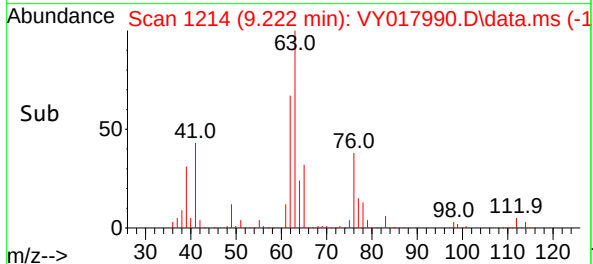
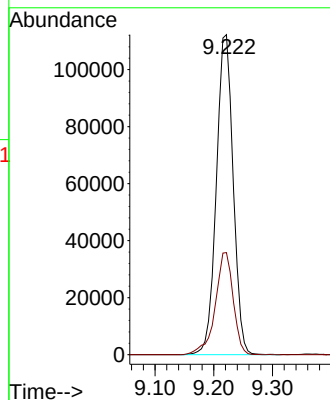
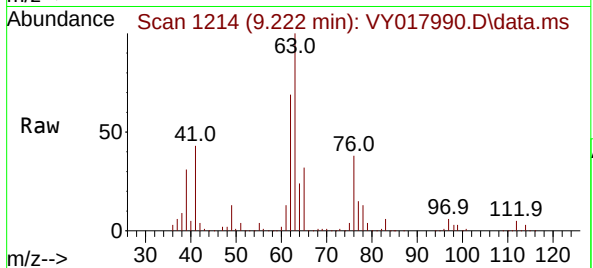
65 31.9 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/22/2024

Supervised By :Semsettin Yesilyurt 04/22/2024



#46

Dibromomethane

Concen: 50.142 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VY017990.D

Acq: 19 Apr 2024 11:28

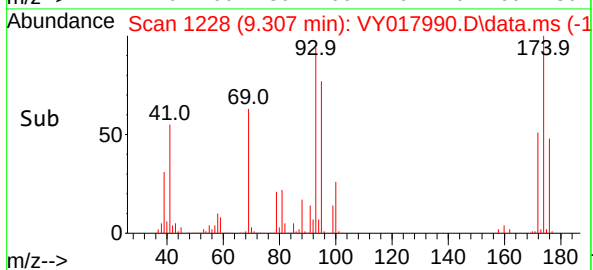
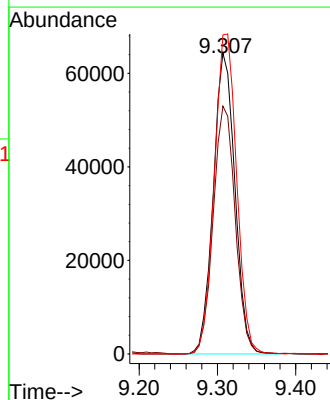
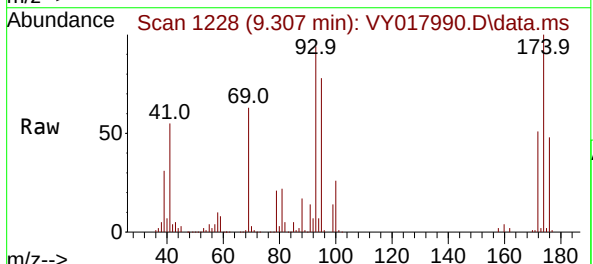
Tgt Ion: 93 Resp: 123636

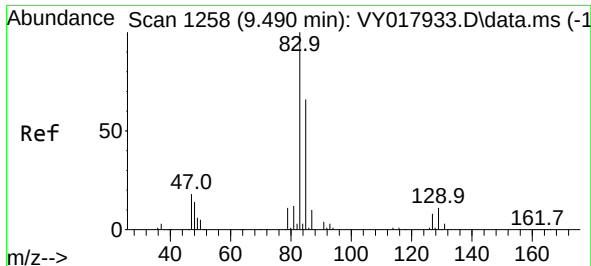
Ion Ratio Lower Upper

93 100

95 83.9 66.2 99.4

174 109.8 80.9 121.3





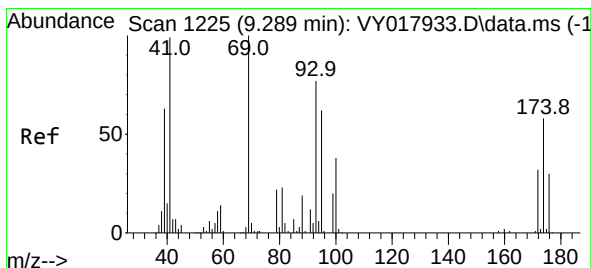
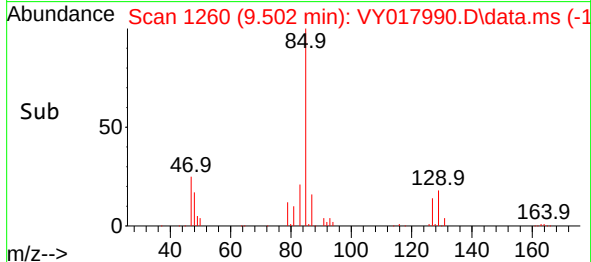
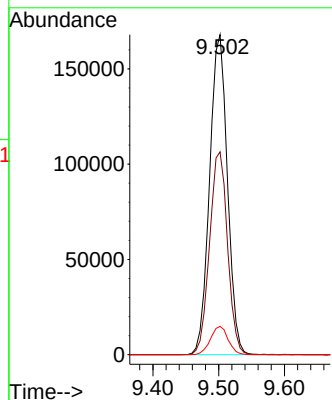
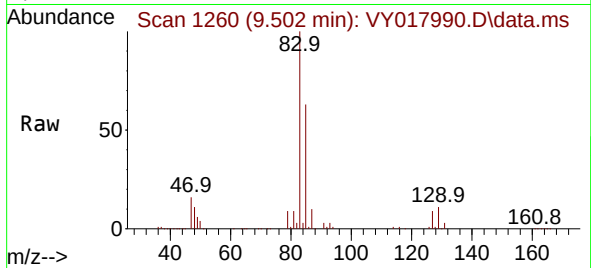
#47
Bromodichloromethane
Concen: 51.102 ug/l
RT: 9.502 min Scan# 1260
Delta R.T. 0.006 min
Lab File: VY017990.D
Acq: 19 Apr 2024 11:28

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 31612
Ion Ratio Lower Upper
83 100
85 63.4 50.1 75.1
127 8.8 7.4 11.0

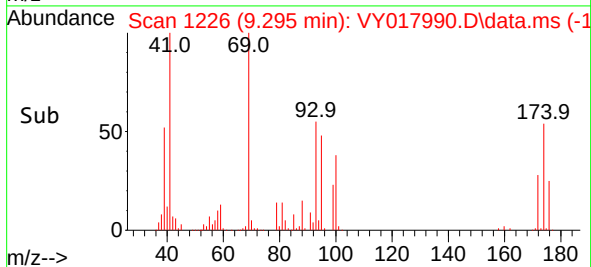
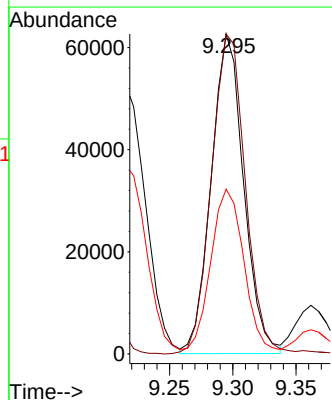
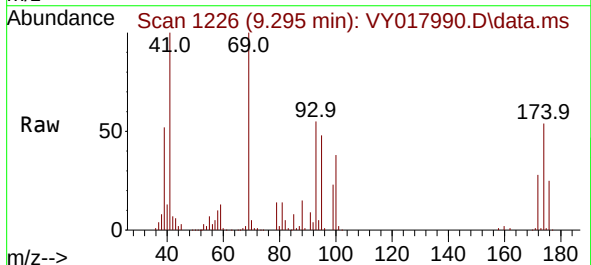
Manual Integrations
APPROVED

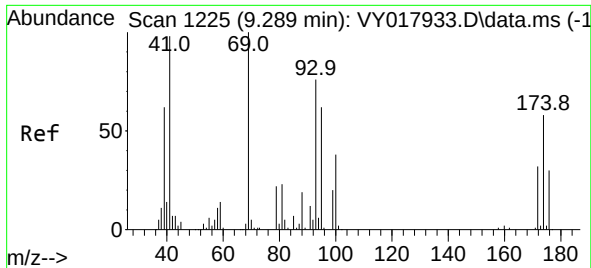
Reviewed By :Mahesh Dadoda 04/22/2024
Supervised By :Semsettin Yesilyurt 04/22/2024



#48
Methyl methacrylate
Concen: 51.358 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.000 min
Lab File: VY017990.D
Acq: 19 Apr 2024 11:28

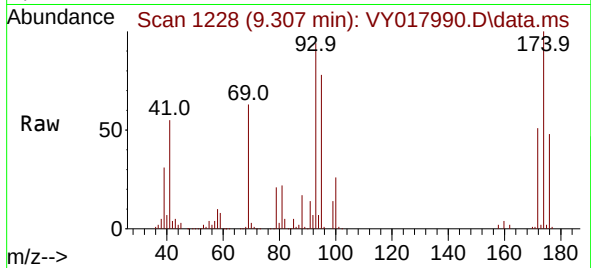
Tgt Ion: 41 Resp: 111581
Ion Ratio Lower Upper
41 100
69 105.2 84.1 126.1
39 50.5 43.6 65.4





#49
1,4-Dioxane
Concen: 960.476 ug/l
RT: 9.307 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017990.D
Acq: 19 Apr 2024 11:28

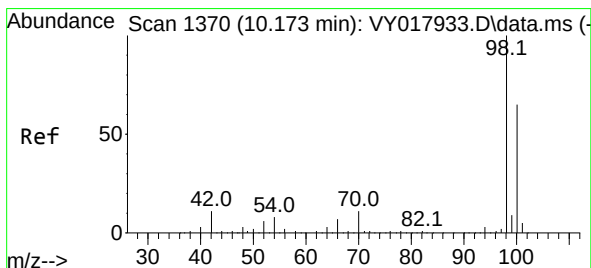
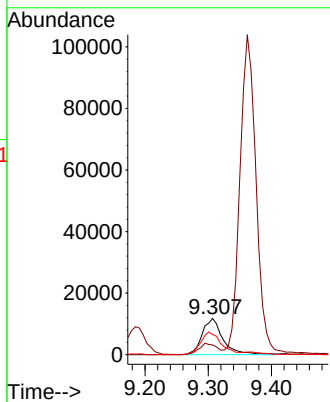
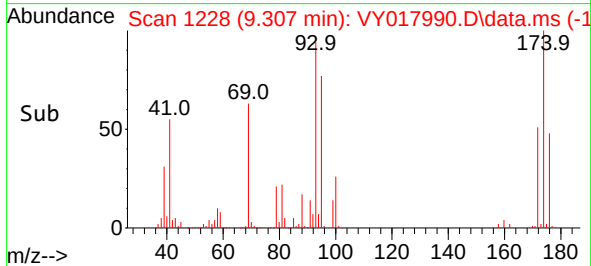
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 88 Resp: 27030
Ion Ratio Lower Upper
88 100
43 25.2 0.0 0.0
58 61.8 49.3 73.9

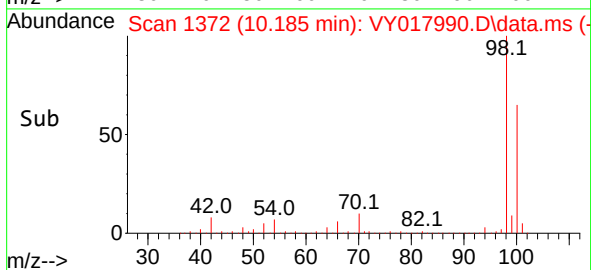
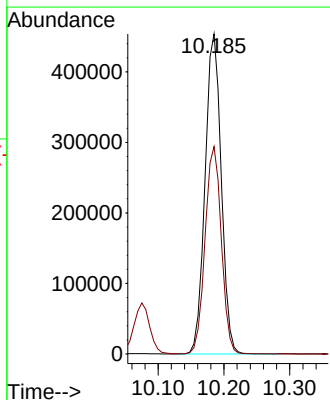
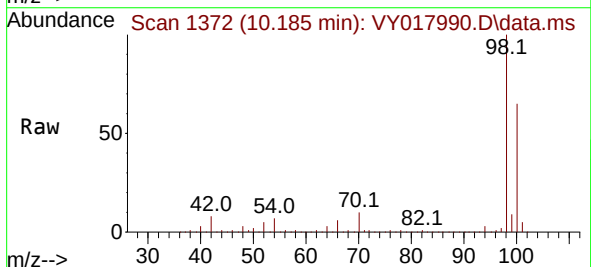
Manual Integrations
APPROVED

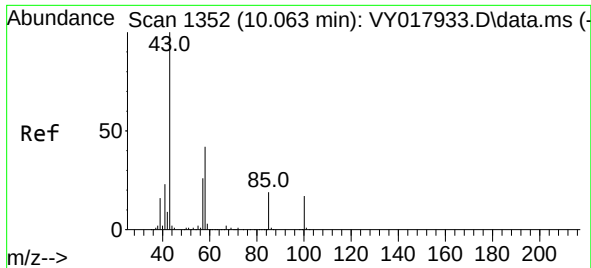
Reviewed By :Mahesh Dadoda 04/22/2024
Supervised By :Semsettin Yesilyurt 04/22/2024



#50
Toluene-d8
Concen: 48.099 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.006 min
Lab File: VY017990.D
Acq: 19 Apr 2024 11:28

Tgt Ion: 98 Resp: 775869
Ion Ratio Lower Upper
98 100
100 64.9 52.0 78.0





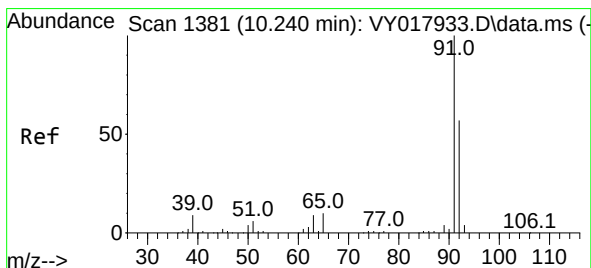
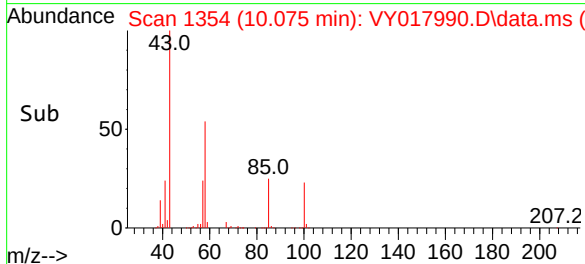
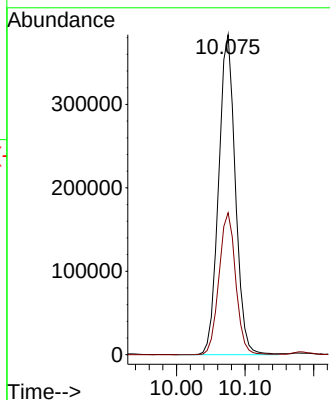
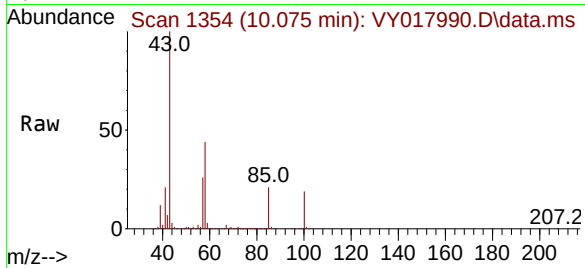
#51
4-Methyl-2-Pentanone
Concen: 257.489 ug/l
RT: 10.075 min Scan# 1352
Delta R.T. 0.006 min
Lab File: VY017990.D
Acq: 19 Apr 2024 11:28

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 647190
Ion Ratio Lower Upper
43 100
58 44.5 35.7 53.5

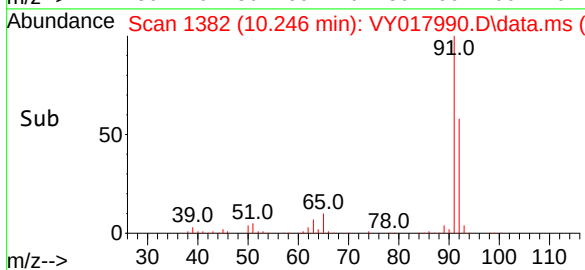
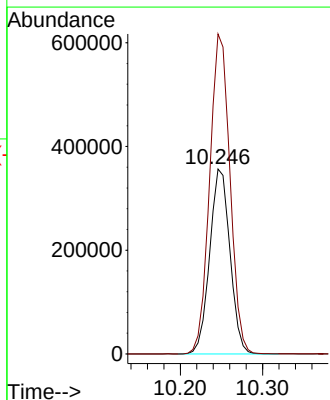
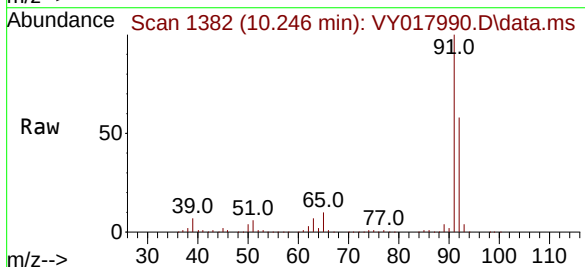
Manual Integrations
APPROVED

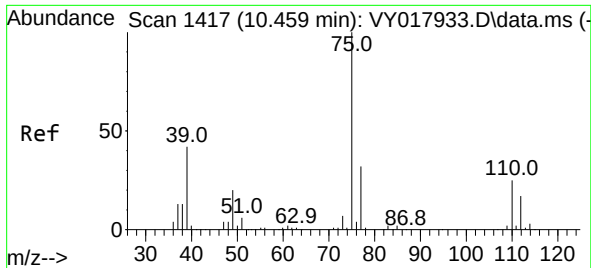
Reviewed By :Mahesh Dadoda 04/22/2024
Supervised By :Semsettin Yesilyurt 04/22/2024



#52
Toluene
Concen: 51.301 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VY017990.D
Acq: 19 Apr 2024 11:28

Tgt Ion: 92 Resp: 609608
Ion Ratio Lower Upper
92 100
91 173.7 139.0 208.6





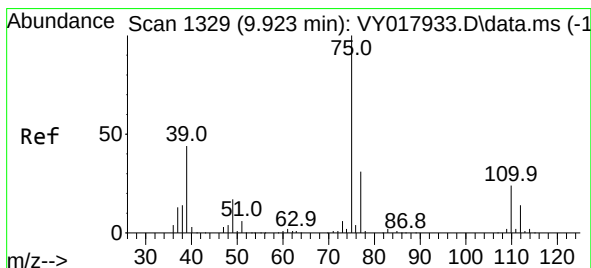
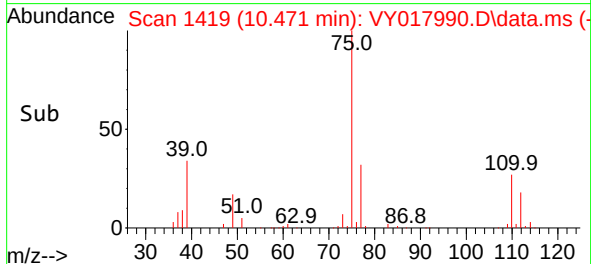
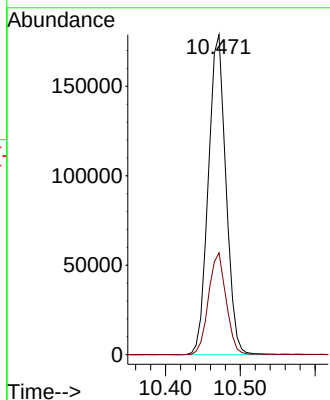
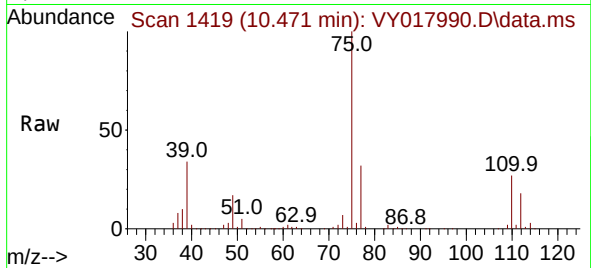
#53
t-1,3-Dichloropropene
Concen: 51.803 ug/l
RT: 10.471 min Scan# 1417
Delta R.T. 0.006 min
Lab File: VY017990.D
Acq: 19 Apr 2024 11:28

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 29255
Ion Ratio Lower Upper
75 100
77 31.9 24.1 36.1

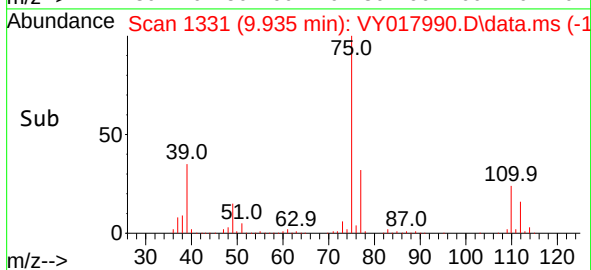
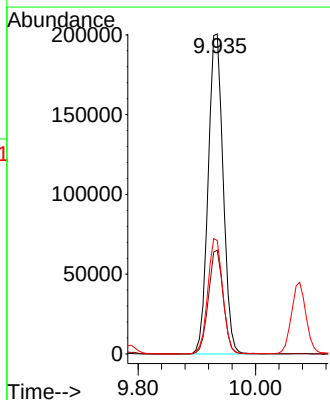
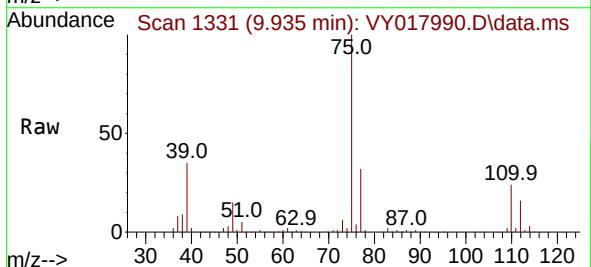
Manual Integrations
APPROVED

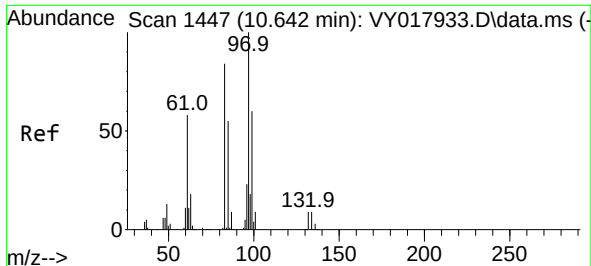
Reviewed By :Mahesh Dadoda 04/22/2024
Supervised By :Semsettin Yesilyurt 04/22/2024



#54
cis-1,3-Dichloropropene
Concen: 51.156 ug/l
RT: 9.935 min Scan# 1331
Delta R.T. 0.006 min
Lab File: VY017990.D
Acq: 19 Apr 2024 11:28

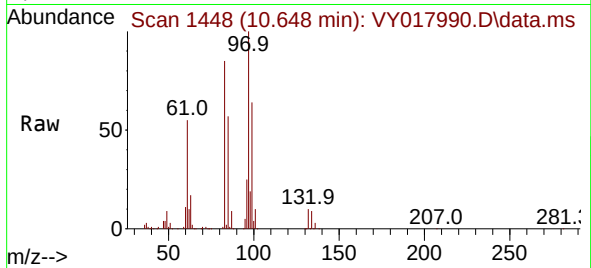
Tgt Ion: 75 Resp: 354908
Ion Ratio Lower Upper
75 100
77 32.4 25.4 38.0
39 35.4 29.8 44.6





#55
1,1,2-Trichloroethane
Concen: 49.969 ug/l
RT: 10.648 min Scan# 1447
Delta R.T. 0.006 min
Lab File: VY017990.D
Acq: 19 Apr 2024 11:28

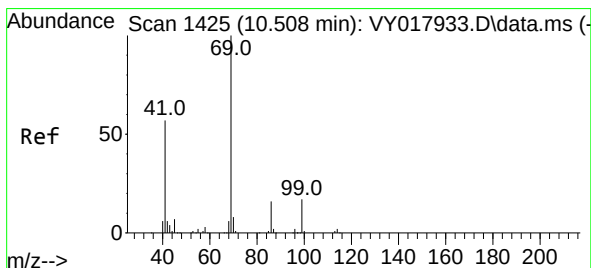
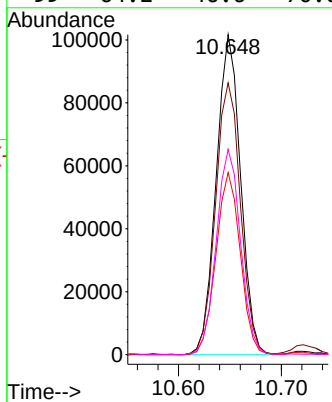
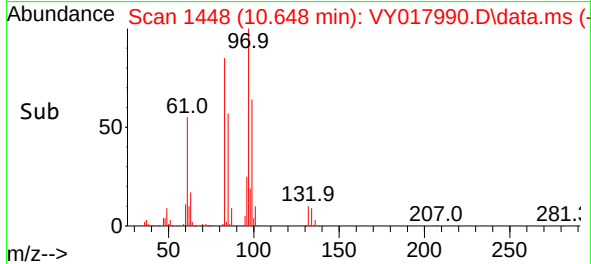
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 97 Resp: 16748
Ion Ratio Lower Upper
97 100
83 85.0 67.5 101.3
85 56.9 42.9 64.3
99 64.2 46.6 70.0

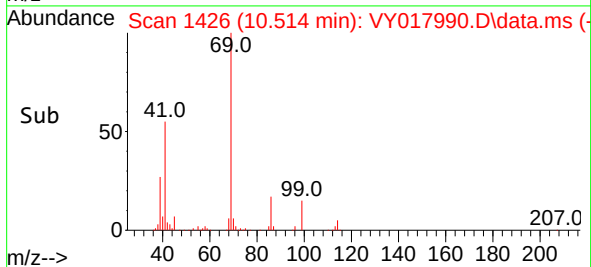
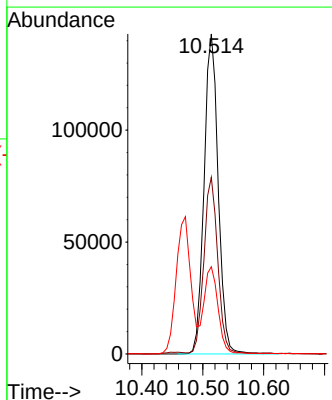
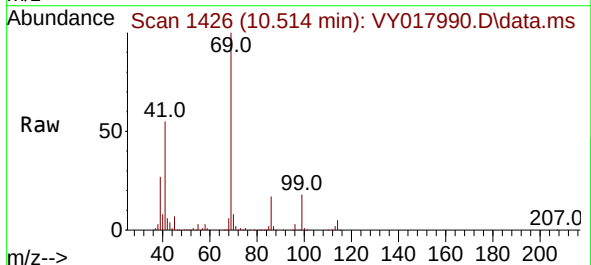
Manual Integrations
APPROVED

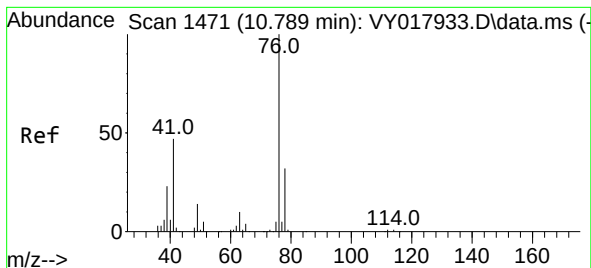
Reviewed By :Mahesh Dadoda 04/22/2024
Supervised By :Semsettin Yesilyurt 04/22/2024



#56
Ethyl methacrylate
Concen: 52.781 ug/l
RT: 10.514 min Scan# 1426
Delta R.T. 0.006 min
Lab File: VY017990.D
Acq: 19 Apr 2024 11:28

Tgt Ion: 69 Resp: 230638
Ion Ratio Lower Upper
69 100
41 53.8 42.3 63.5
39 27.7 22.9 34.3





#57

1,3-Dichloropropane

Concen: 50.902 ug/l

RT: 10.794 min Scan# 1471

Delta R.T. 0.006 min

Lab File: VY017990.D

Acq: 19 Apr 2024 11:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 288904

Ion Ratio Lower Upper

76 100

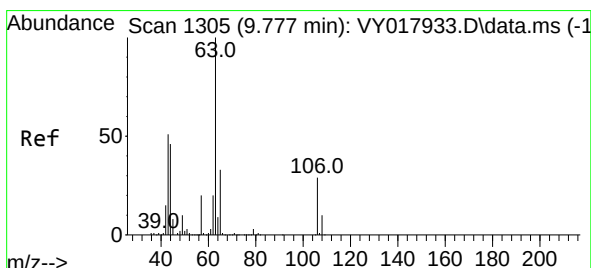
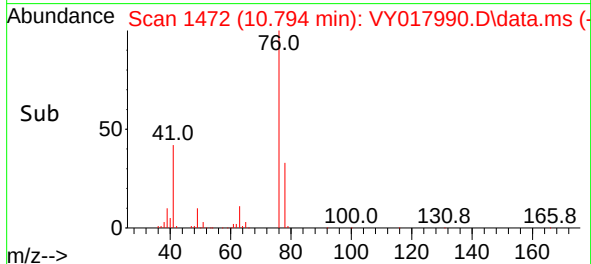
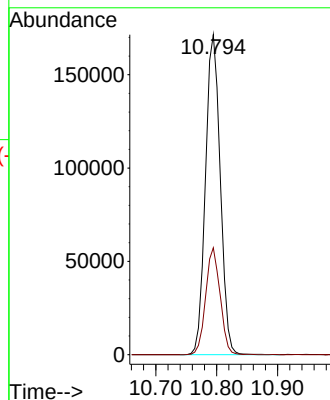
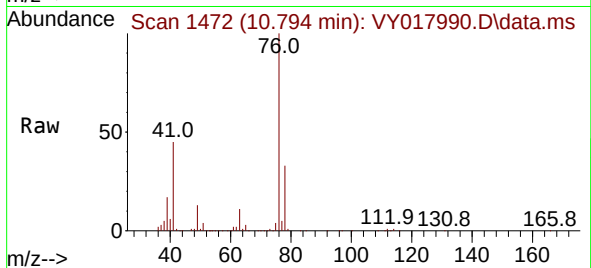
78 32.6 26.2 39.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/22/2024

Supervised By :Semsettin Yesilyurt 04/22/2024



#58

2-Chloroethyl Vinyl ether

Concen: 256.716 ug/l

RT: 9.789 min Scan# 1307

Delta R.T. 0.006 min

Lab File: VY017990.D

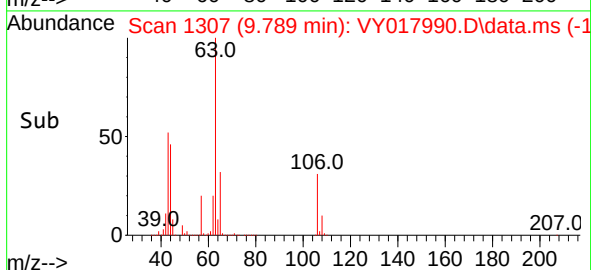
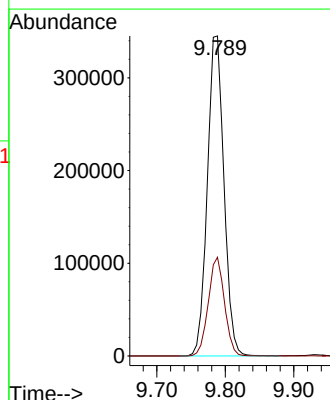
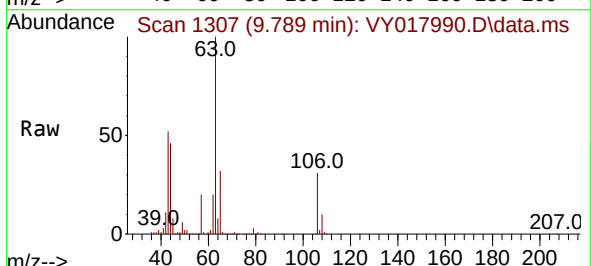
Acq: 19 Apr 2024 11:28

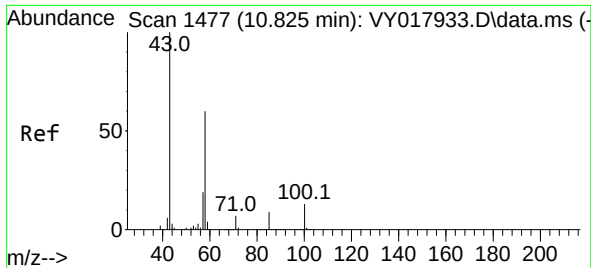
Tgt Ion: 63 Resp: 583103

Ion Ratio Lower Upper

63 100

106 30.0 23.7 35.5





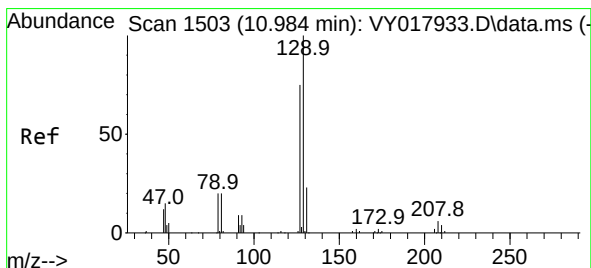
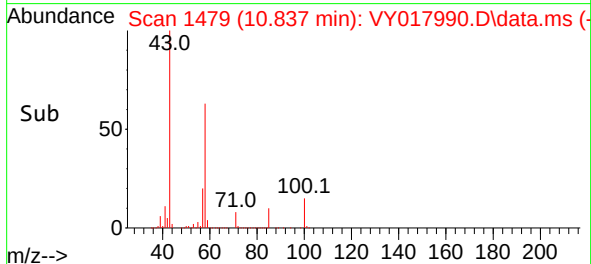
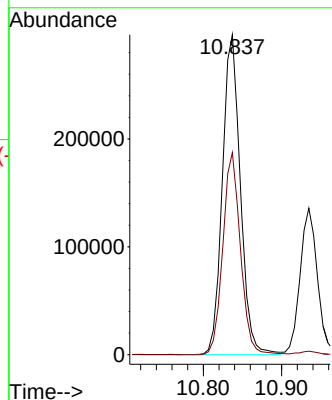
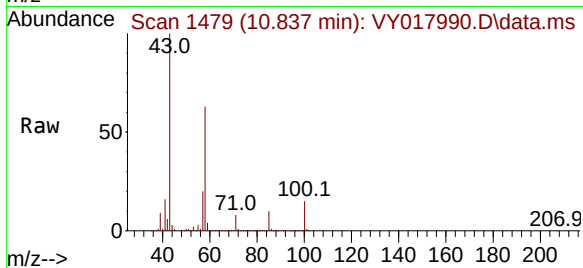
#59
2-Hexanone
Concen: 275.943 ug/l
RT: 10.837 min Scan# 1477
Delta R.T. 0.006 min
Lab File: VY017990.D
Acq: 19 Apr 2024 11:28

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 473459
Ion Ratio Lower Upper
43 100
58 61.9 31.4 94.0

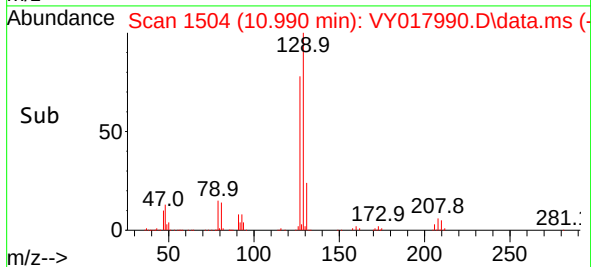
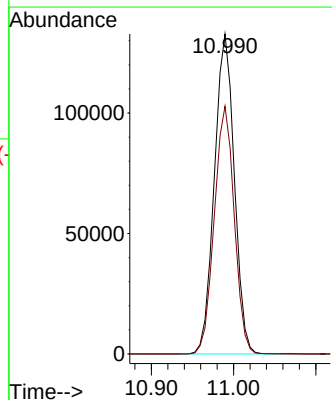
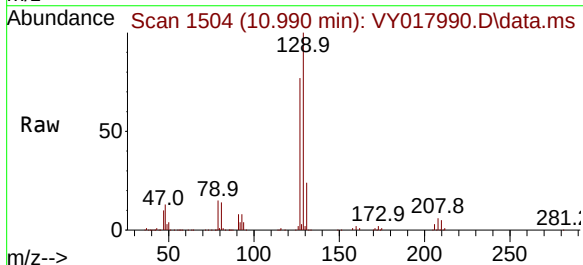
Manual Integrations
APPROVED

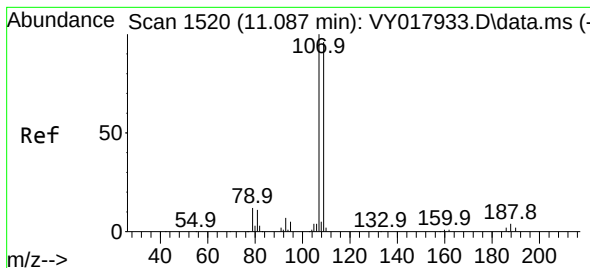
Reviewed By :Mahesh Dadoda 04/22/2024
Supervised By :Semsettin Yesilyurt 04/22/2024



#60
Dibromochloromethane
Concen: 51.940 ug/l
RT: 10.990 min Scan# 1504
Delta R.T. 0.006 min
Lab File: VY017990.D
Acq: 19 Apr 2024 11:28

Tgt Ion:129 Resp: 223749
Ion Ratio Lower Upper
129 100
127 77.5 39.0 117.0





#61

1,2-Dibromoethane

Concen: 51.285 ug/l

RT: 11.093 min Scan# 1521

Delta R.T. 0.006 min

Lab File: VY017990.D

Acq: 19 Apr 2024 11:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion:107 Resp: 16020

Ion Ratio Lower Upper

107 100

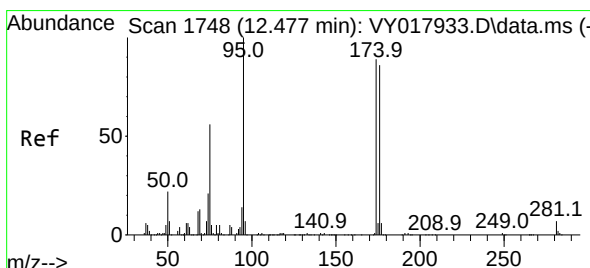
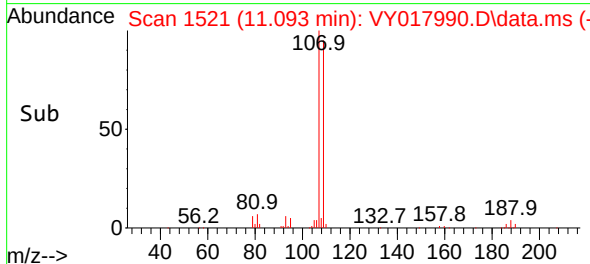
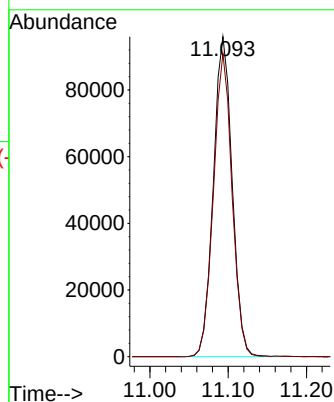
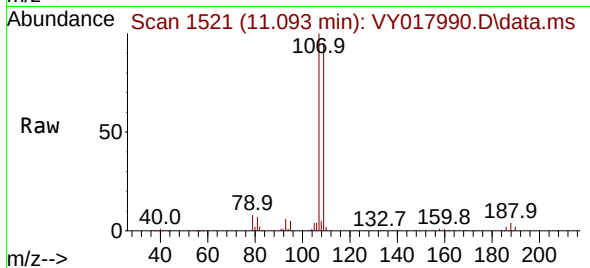
109 93.6 75.9 113.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/22/2024

Supervised By :Semsettin Yesilyurt 04/22/2024



#62

4-Bromofluorobenzene

Concen: 48.114 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY017990.D

Acq: 19 Apr 2024 11:28

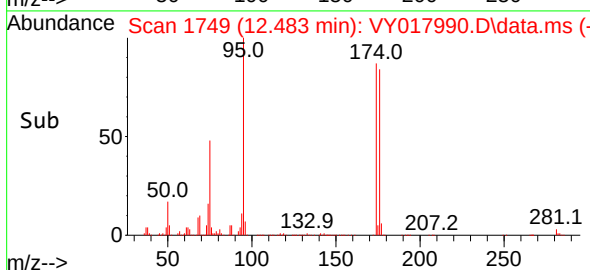
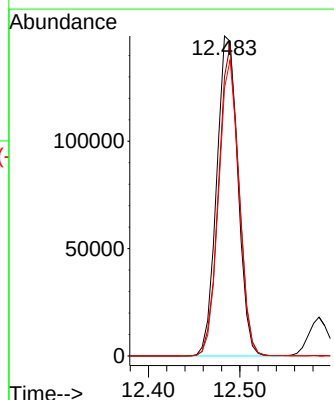
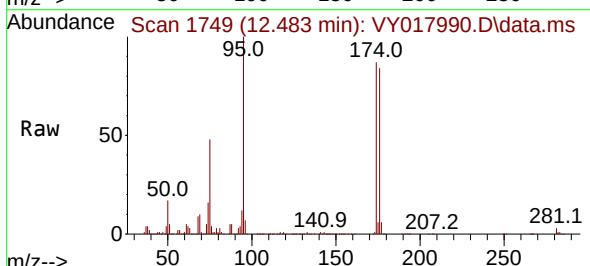
Tgt Ion: 95 Resp: 240363

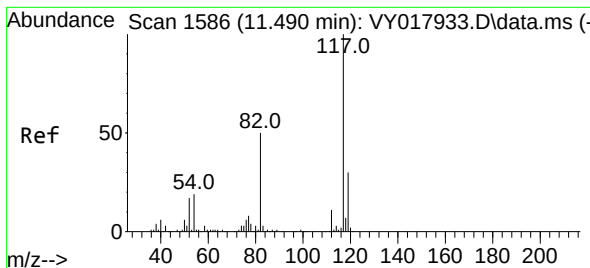
Ion Ratio Lower Upper

95 100

174 92.9 0.0 175.6

176 89.6 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY017990.D

Acq: 19 Apr 2024 11:28

Instrument :

MSVOA_Y

ClientSampleId :

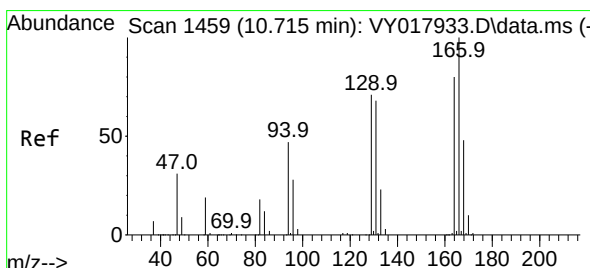
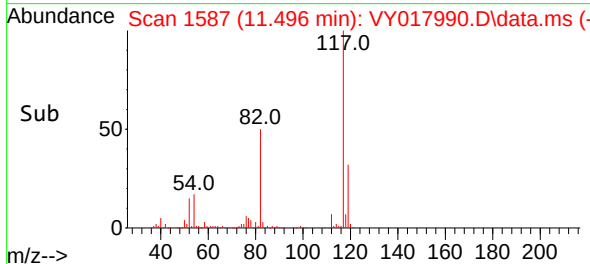
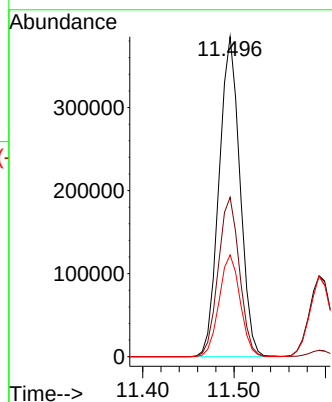
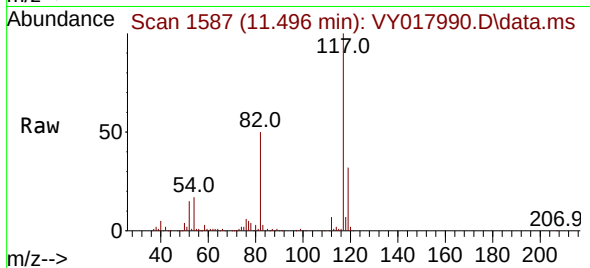
VSTDCCC050

Tgt Ion:117	Resp:	612154
Ion Ratio	Lower	Upper
117	100	
82	49.8	42.4 63.6
119	31.8	25.9 38.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/22/2024
Supervised By :Semsettin Yesilyurt 04/22/2024



#64

Tetrachloroethene

Concen: 49.488 ug/l

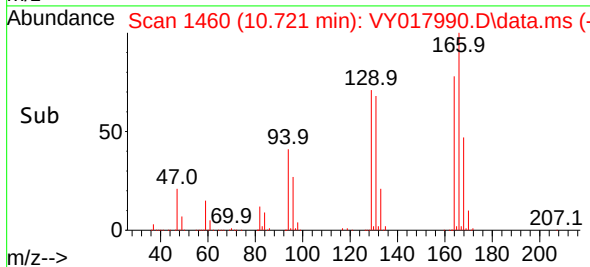
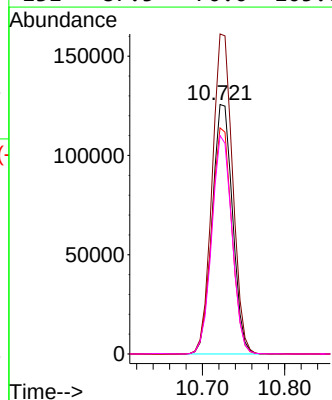
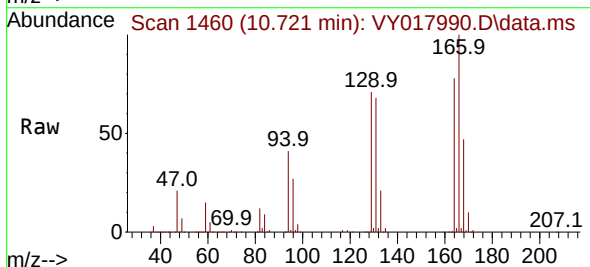
RT: 10.721 min Scan# 1460

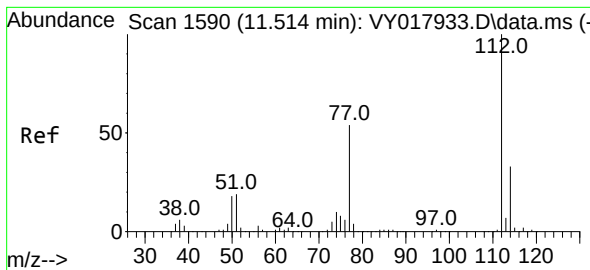
Delta R.T. 0.000 min

Lab File: VY017990.D

Acq: 19 Apr 2024 11:28

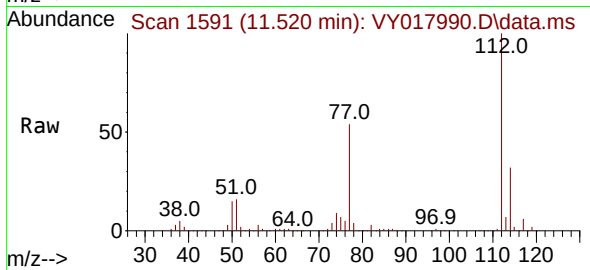
Tgt Ion:164	Resp:	217015
Ion Ratio	Lower	Upper
164	100	
166	128.3	102.6 154.0
129	90.6	72.0 108.0
131	87.5	70.0 105.0





#65
Chlorobenzene
Concen: 50.518 ug/l
RT: 11.520 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017990.D
Acq: 19 Apr 2024 11:28

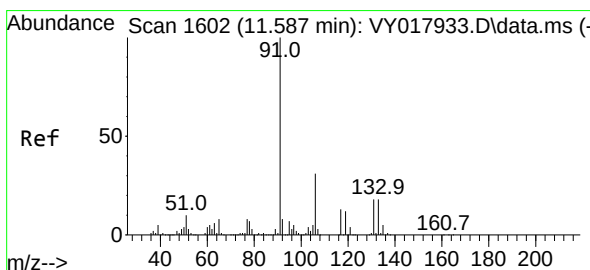
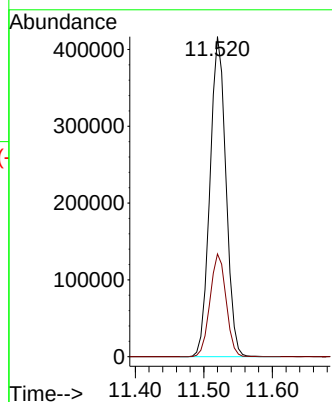
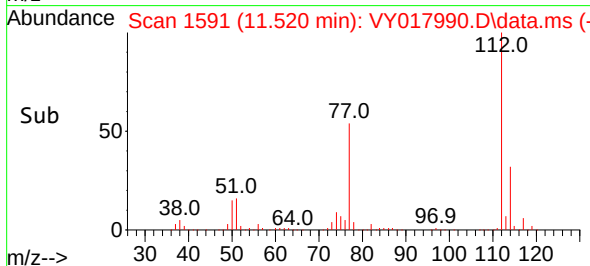
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion:112 Resp: 67777
Ion Ratio Lower Upper
112 100
114 32.1 26.4 39.6

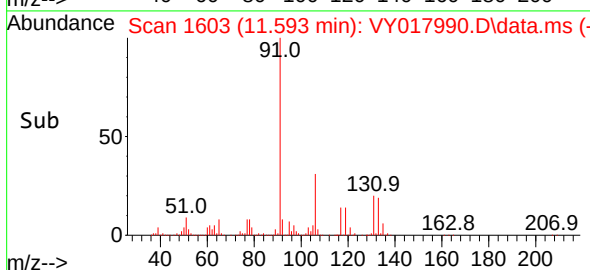
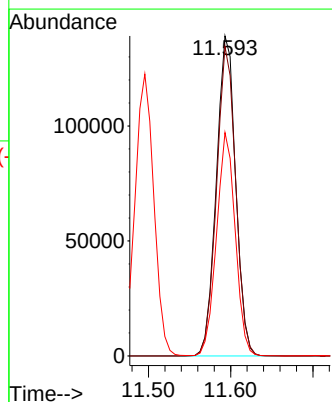
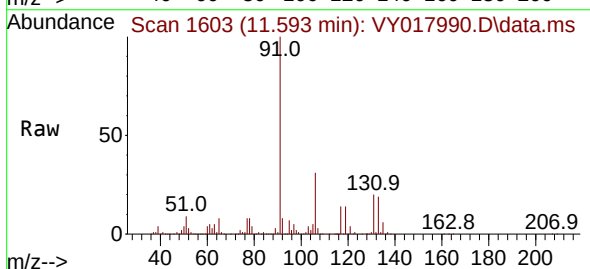
Manual Integrations
APPROVED

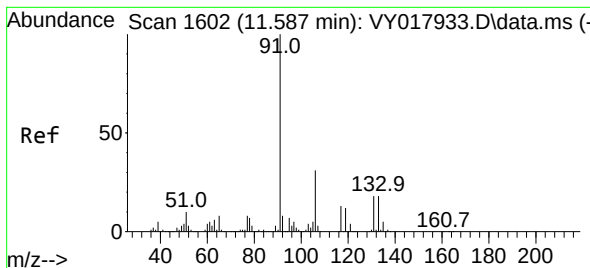
Reviewed By :Mahesh Dadoda 04/22/2024
Supervised By :Semsettin Yesilyurt 04/22/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 51.378 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.006 min
Lab File: VY017990.D
Acq: 19 Apr 2024 11:28

Tgt Ion:131 Resp: 227293
Ion Ratio Lower Upper
131 100
133 96.0 47.8 143.3
119 67.6 34.1 102.2





#67

Ethyl Benzene

Concen: 50.948 ug/l

RT: 11.599 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY017990.D

Acq: 19 Apr 2024 11:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 115092

Ion Ratio Lower Upper

91 100

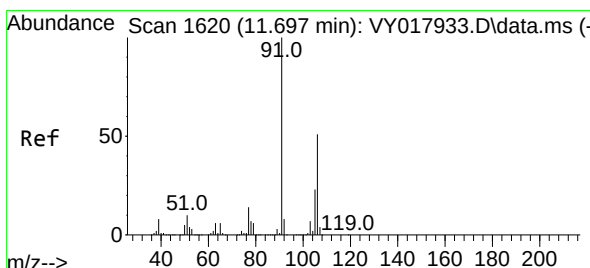
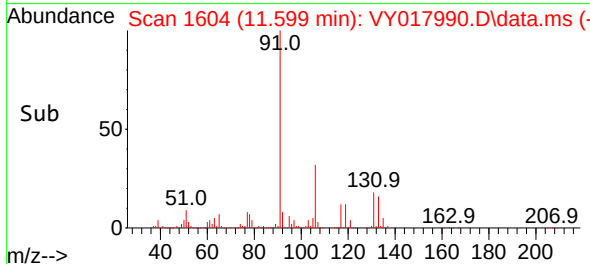
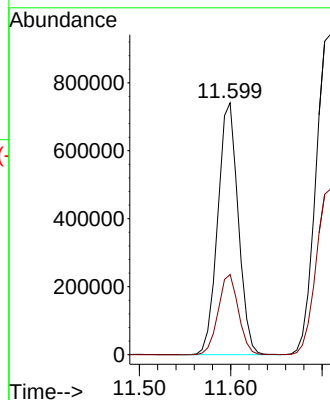
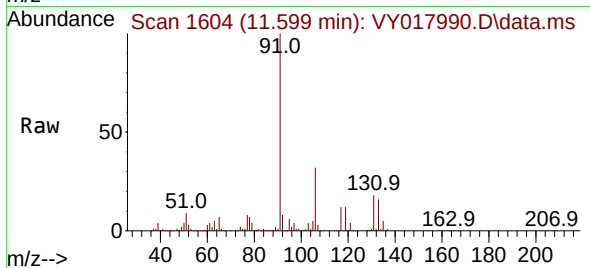
106 31.8 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/22/2024

Supervised By :Semsettin Yesilyurt 04/22/2024



#68

m/p-Xylenes

Concen: 103.088 ug/l

RT: 11.709 min Scan# 1622

Delta R.T. 0.006 min

Lab File: VY017990.D

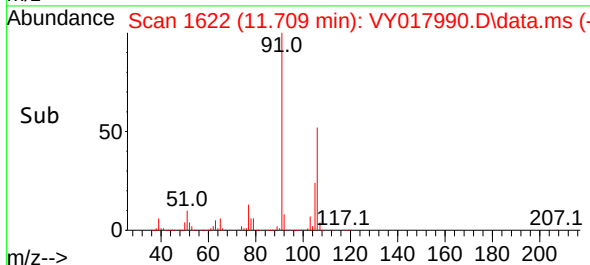
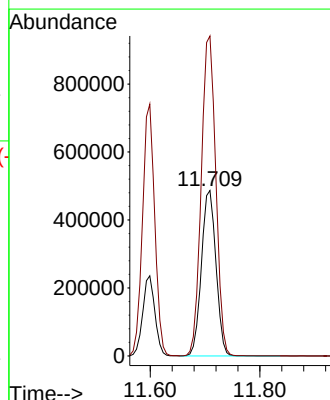
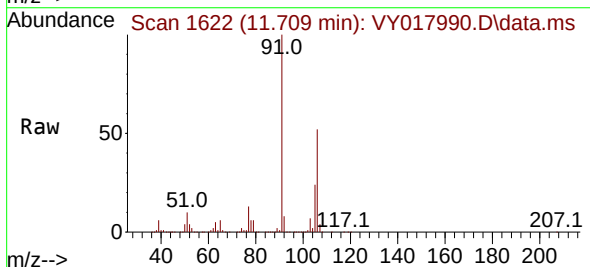
Acq: 19 Apr 2024 11:28

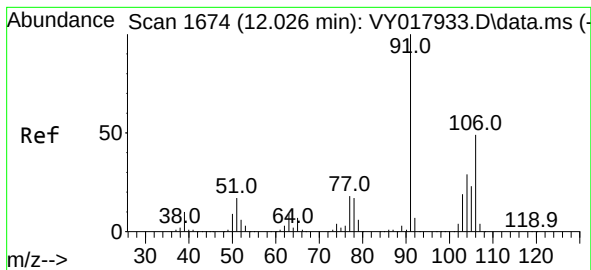
Tgt Ion:106 Resp: 894431

Ion Ratio Lower Upper

106 100

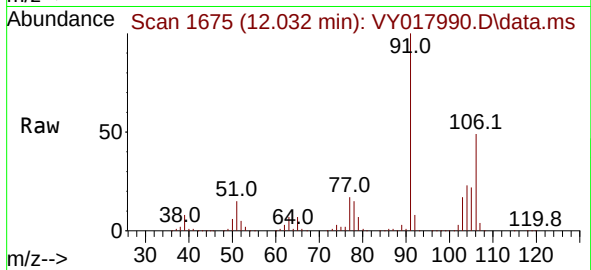
91 193.9 156.0 234.0





#69
o-Xylene
Concen: 52.077 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY017990.D
Acq: 19 Apr 2024 11:28

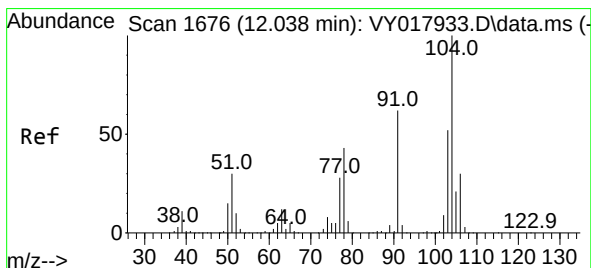
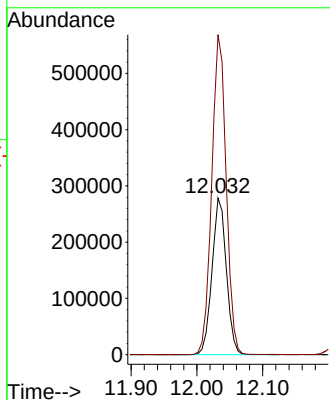
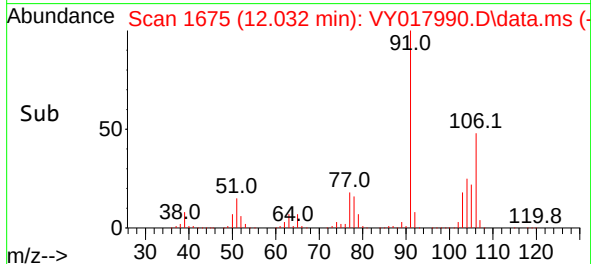
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion:106 Resp: 421954
Ion Ratio Lower Upper
106 100
91 205.6 103.6 310.8

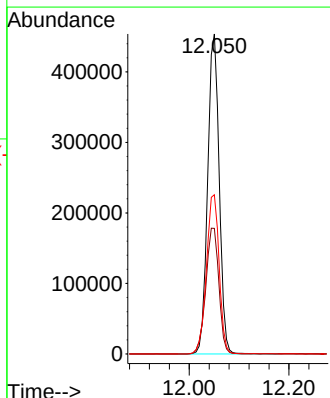
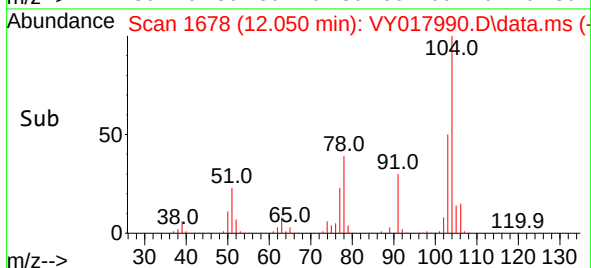
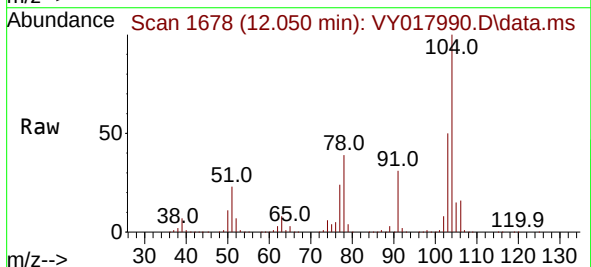
Manual Integrations
APPROVED

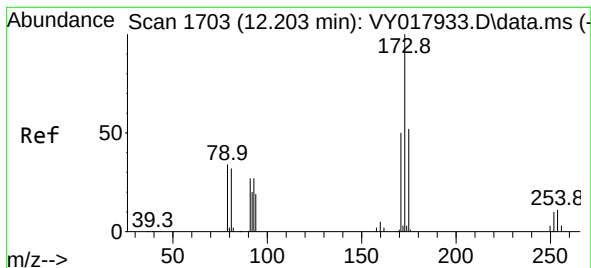
Reviewed By :Mahesh Dadoda 04/22/2024
Supervised By :Semsettin Yesilyurt 04/22/2024



#70
Styrene
Concen: 53.128 ug/l
RT: 12.050 min Scan# 1678
Delta R.T. 0.006 min
Lab File: VY017990.D
Acq: 19 Apr 2024 11:28

Tgt Ion:104 Resp: 727554
Ion Ratio Lower Upper
104 100
78 44.6 37.0 55.4
103 55.0 44.2 66.2





#71

Bromoform

Concen: 51.337 ug/l

RT: 12.215 min Scan# 1705

Delta R.T. 0.006 min

Lab File: VY017990.D

Acq: 19 Apr 2024 11:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion:173 Resp: 131219

Ion Ratio Lower Upper

173 100

175 48.5 25.1 75.3

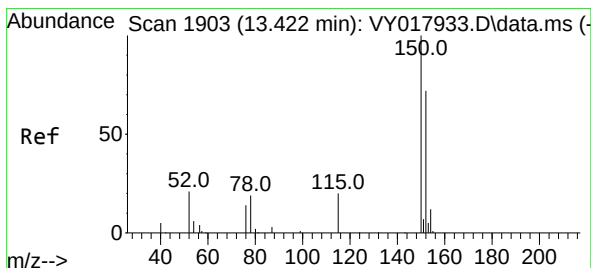
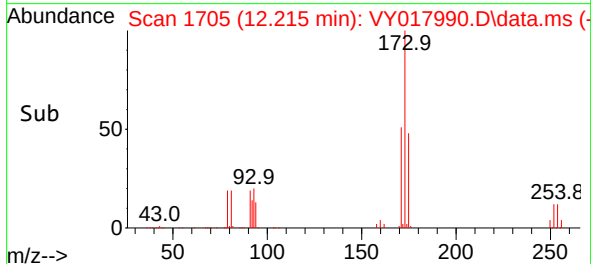
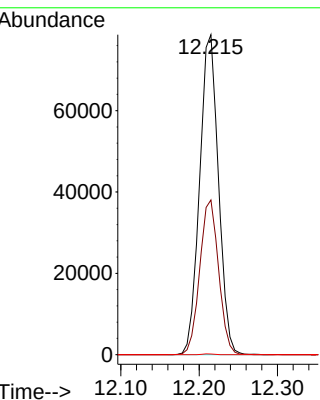
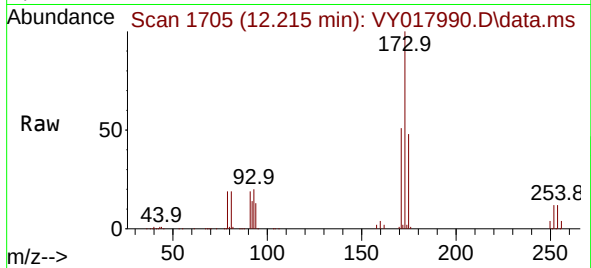
254 0.1 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/22/2024

Supervised By :Semsettin Yesilyurt 04/22/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. 0.006 min

Lab File: VY017990.D

Acq: 19 Apr 2024 11:28

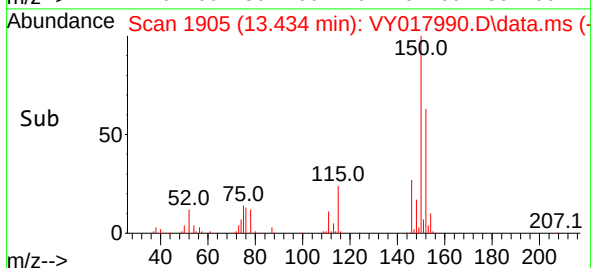
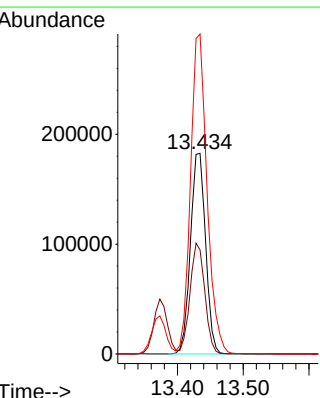
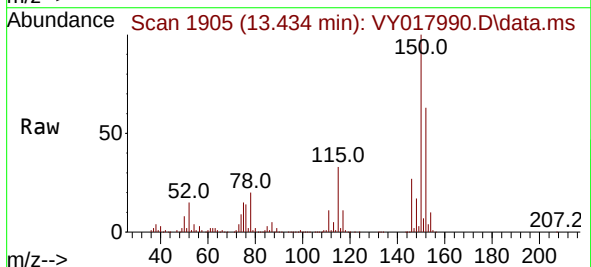
Tgt Ion:152 Resp: 292605

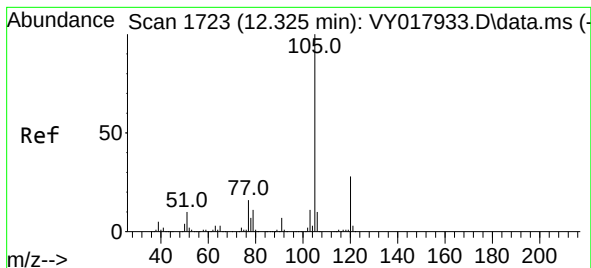
Ion Ratio Lower Upper

152 100

115 53.4 28.2 84.7

150 173.3 0.0 345.6





#73

Isopropylbenzene

Concen: 50.410 ug/l

RT: 12.337 min Scan# 1725

Delta R.T. 0.006 min

Lab File: VY017990.D

Acq: 19 Apr 2024 11:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 1074790

Ion Ratio Lower Upper

105 100

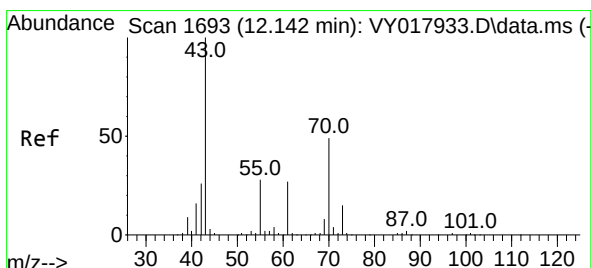
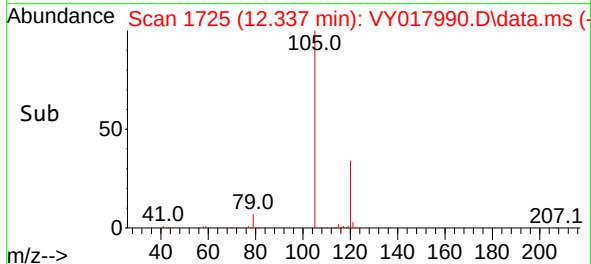
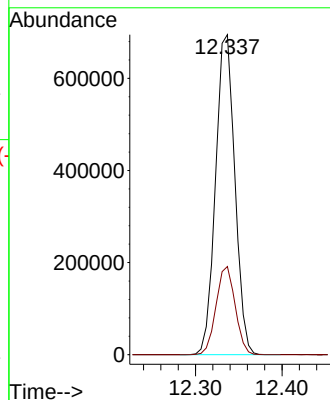
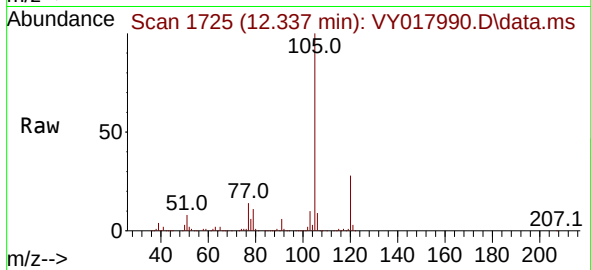
120 27.3 13.4 40.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/22/2024

Supervised By :Semsettin Yesilyurt 04/22/2024



#74

N-ethyl acetate

Concen: 50.857 ug/l

RT: 12.148 min Scan# 1694

Delta R.T. 0.006 min

Lab File: VY017990.D

Acq: 19 Apr 2024 11:28

Tgt Ion: 43 Resp: 218889

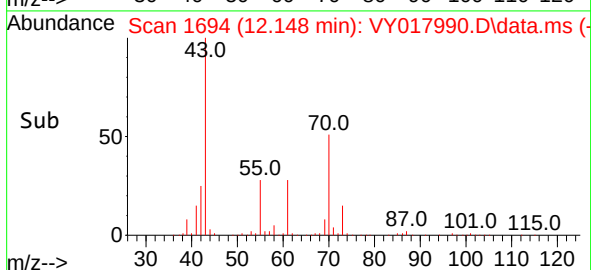
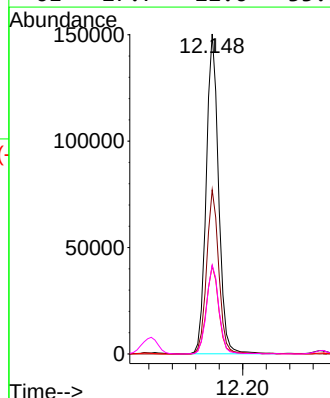
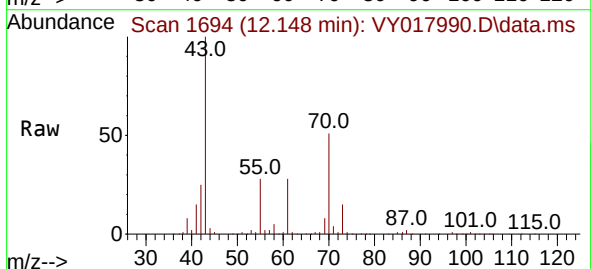
Ion Ratio Lower Upper

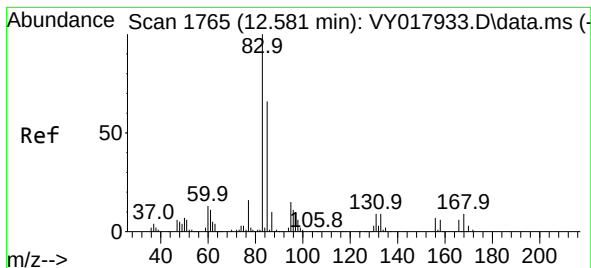
43 100

70 50.8 41.4 62.2

55 27.9 23.3 34.9

61 27.7 22.6 33.8





#75

1,1,2,2-Tetrachloroethane

Concen: 48.383 ug/l

RT: 12.587 min Scan# 1765

Delta R.T. 0.006 min

Lab File: VY017990.D

Acq: 19 Apr 2024 11:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 192392

Ion Ratio Lower Upper

83 100

131 10.4 5.0 14.9

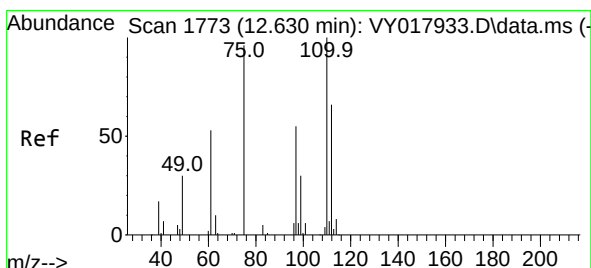
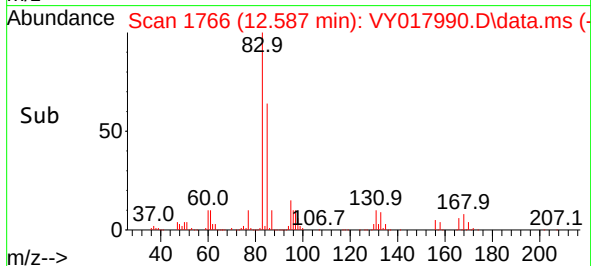
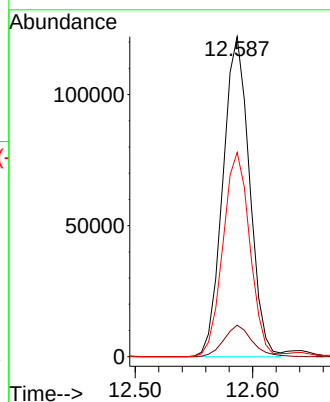
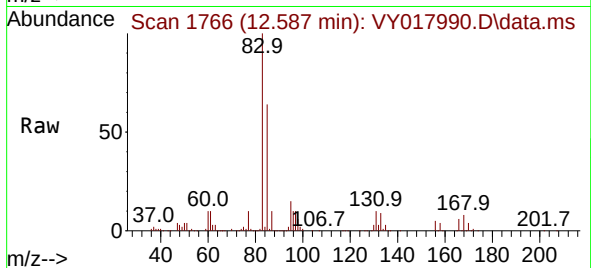
85 64.5 32.0 96.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/22/2024

Supervised By :Semsettin Yesilyurt 04/22/2024



#76

1,2,3-Trichloropropane

Concen: 45.626 ug/l m

RT: 12.636 min Scan# 1774

Delta R.T. 0.000 min

Lab File: VY017990.D

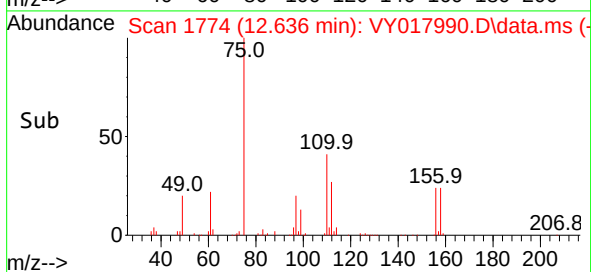
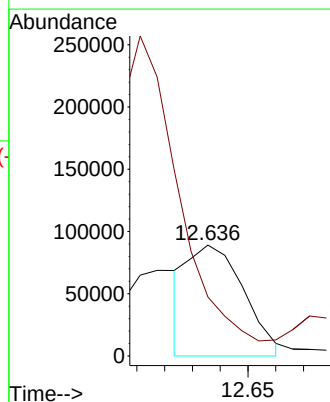
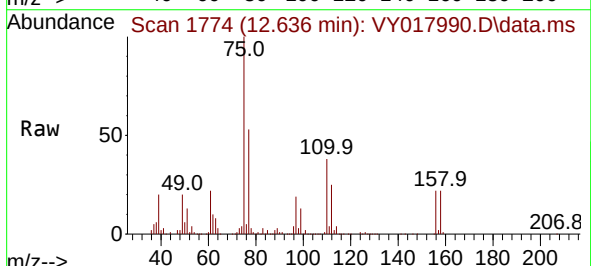
Acq: 19 Apr 2024 11:28

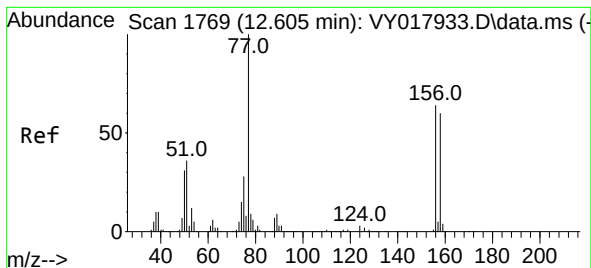
Tgt Ion: 75 Resp: 125279

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 51.504 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.000 min

Lab File: VY017990.D

Acq: 19 Apr 2024 11:28

Instrument :

MSVOA_Y

ClientSampleId :

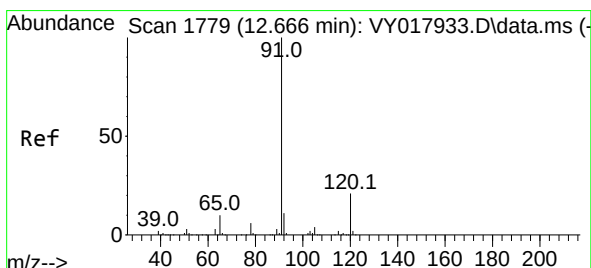
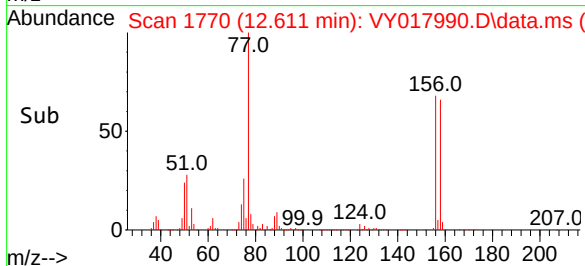
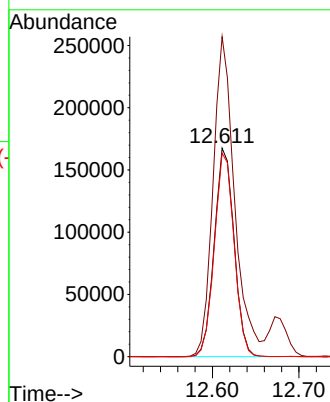
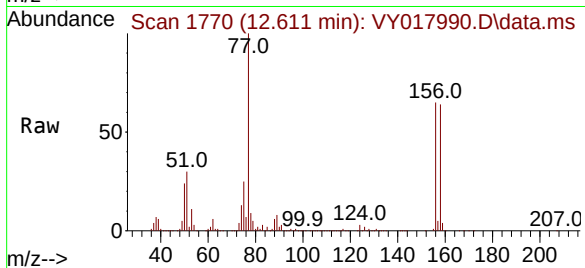
VSTDCCC050

Tgt Ion:	156	Resp:	26574
Ion Ratio	Lower	Upper	
156	100		
77	165.9	87.1	261.3
158	97.4	48.6	145.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/22/2024
Supervised By :Semsettin Yesilyurt 04/22/2024



#78

n-propylbenzene

Concen: 50.370 ug/l

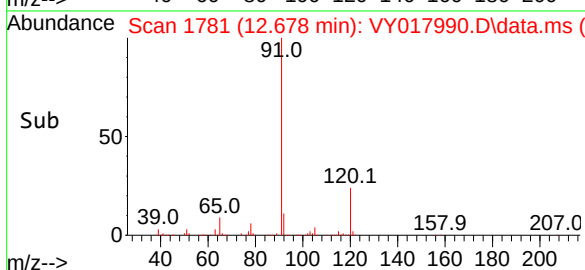
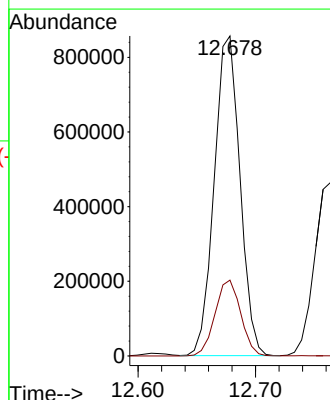
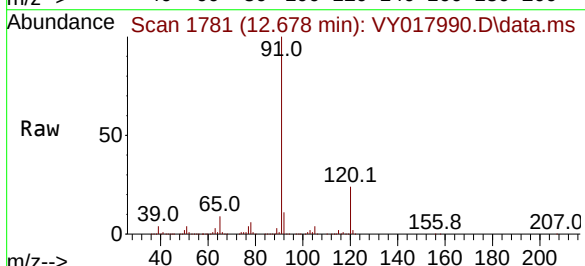
RT: 12.678 min Scan# 1781

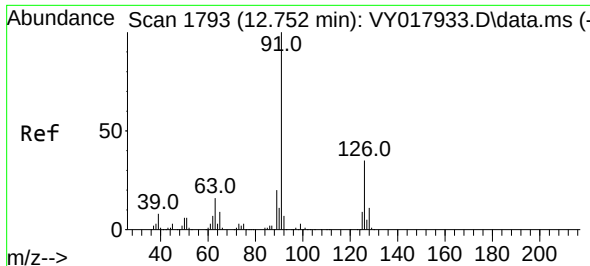
Delta R.T. 0.006 min

Lab File: VY017990.D

Acq: 19 Apr 2024 11:28

Tgt Ion:	91	Resp:	1303006
Ion Ratio	Lower	Upper	
91	100		
120	23.7	11.5	34.4





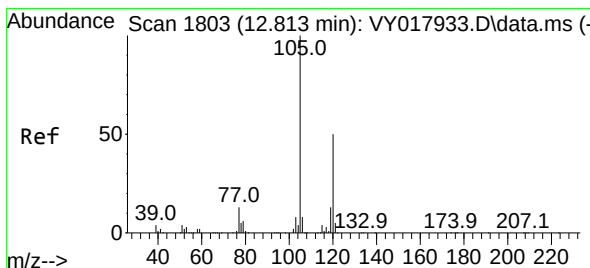
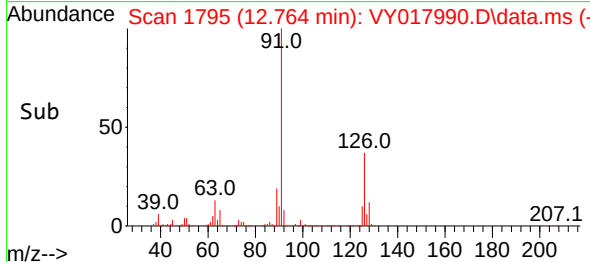
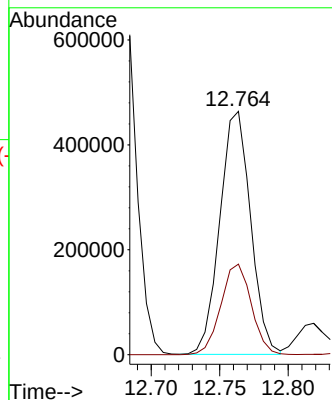
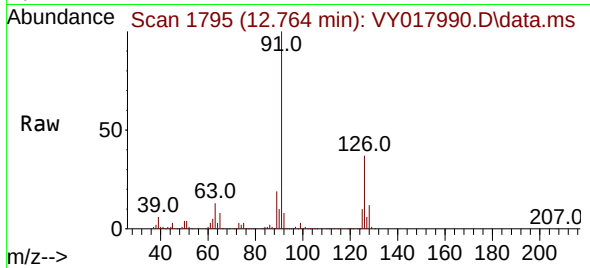
#79
2-Chlorotoluene
Concen: 50.107 ug/l
RT: 12.764 min Scan# 1795
Delta R.T. 0.006 min
Lab File: VY017990.D
Acq: 19 Apr 2024 11:28

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 72552
Ion Ratio Lower Upper
91 100
126 36.9 17.8 53.5

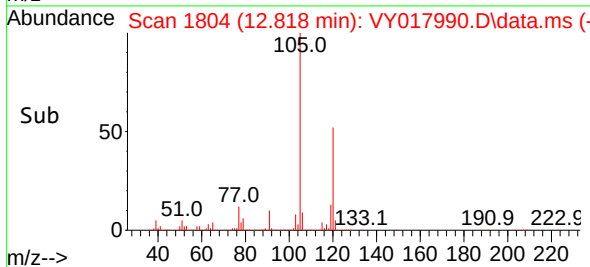
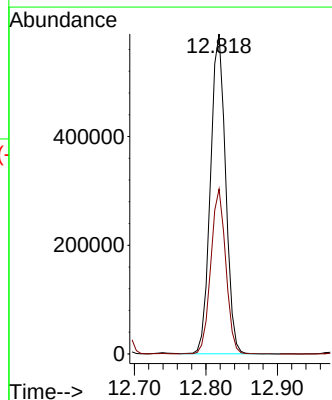
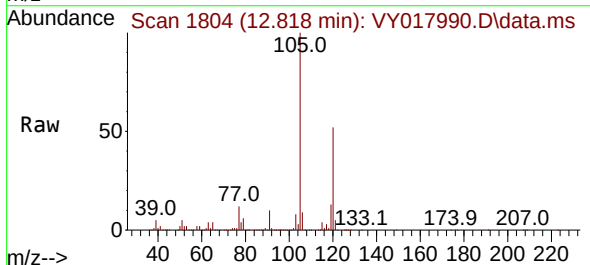
Manual Integrations
APPROVED

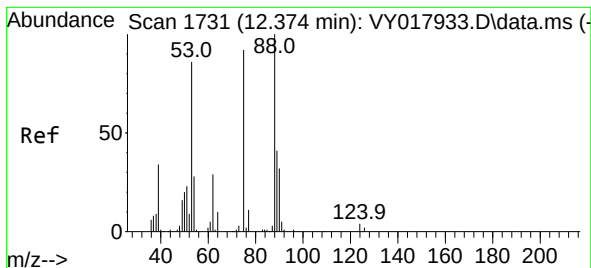
Reviewed By :Mahesh Dadoda 04/22/2024
Supervised By :Semsettin Yesilyurt 04/22/2024



#80
1,3,5-Trimethylbenzene
Concen: 51.071 ug/l
RT: 12.818 min Scan# 1804
Delta R.T. 0.006 min
Lab File: VY017990.D
Acq: 19 Apr 2024 11:28

Tgt Ion:105 Resp: 863414
Ion Ratio Lower Upper
105 100
120 51.2 25.1 75.2





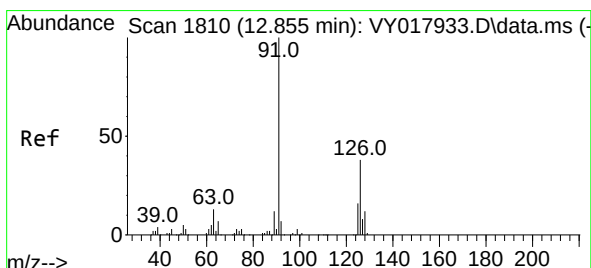
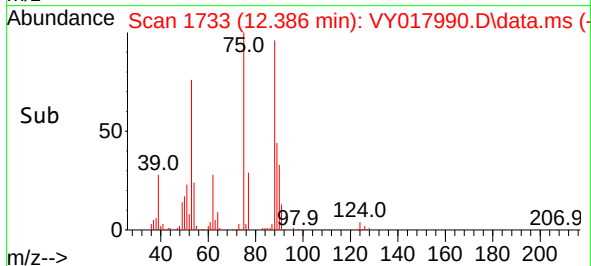
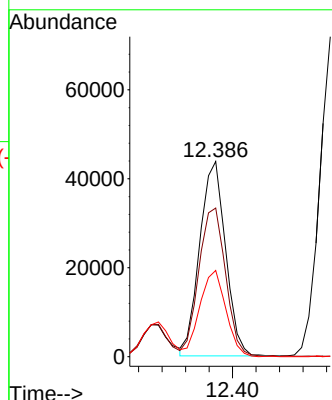
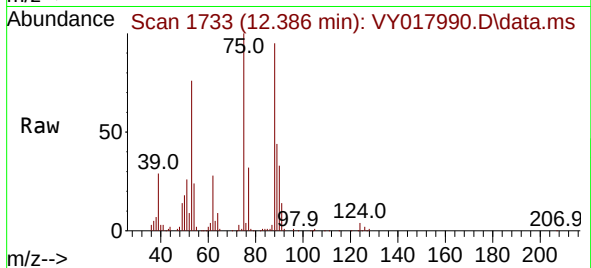
#81
trans-1,4-Dichloro-2-butene
Concen: 50.231 ug/l
RT: 12.386 min Scan# 1733
Delta R.T. 0.006 min
Lab File: VY017990.D
Acq: 19 Apr 2024 11:28

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 66894
Ion Ratio Lower Upper
75 100
53 79.4 66.8 100.2
89 45.0 35.8 53.6

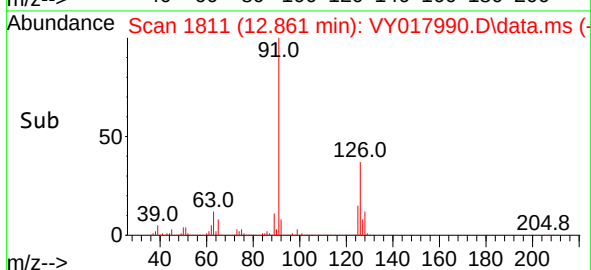
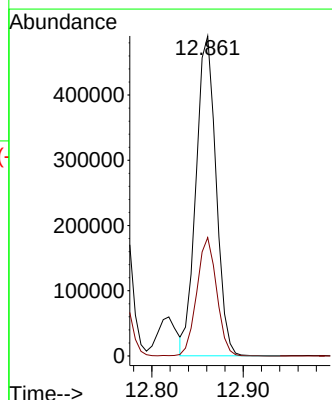
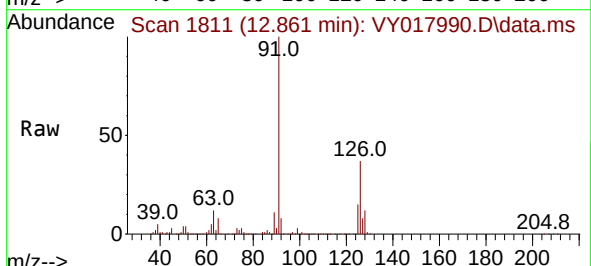
Manual Integrations
APPROVED

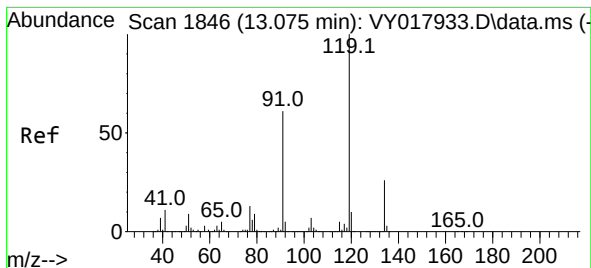
Reviewed By :Mahesh Dadoda 04/22/2024
Supervised By :Semsettin Yesilyurt 04/22/2024



#82
4-Chlorotoluene
Concen: 49.707 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. 0.006 min
Lab File: VY017990.D
Acq: 19 Apr 2024 11:28

Tgt Ion: 91 Resp: 745406
Ion Ratio Lower Upper
91 100
126 36.8 17.6 52.9





#83

tert-Butylbenzene

Concen: 51.312 ug/l

RT: 13.081 min Scan# 1846

Delta R.T. 0.006 min

Lab File: VY017990.D

Acq: 19 Apr 2024 11:28

Instrument :

MSVOA_Y

ClientSampleId :

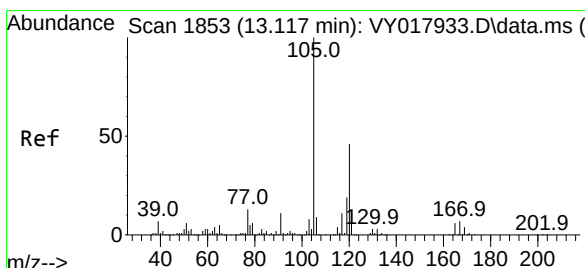
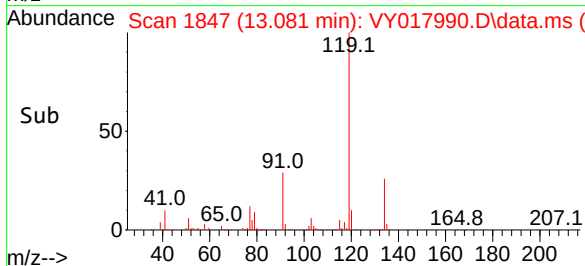
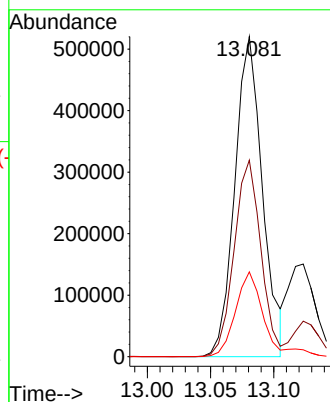
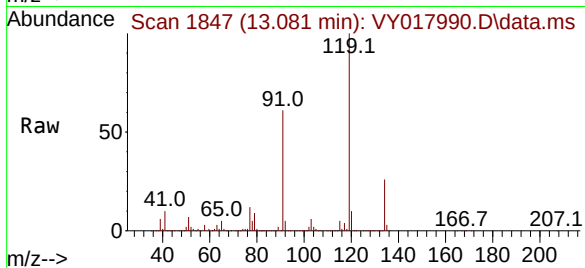
VSTDCCC050

Tgt Ion:	119	Resp:	792314
Ion	Ratio	Lower	Upper
119	100		
91	59.3	31.3	93.8
134	27.4	13.4	40.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/22/2024
Supervised By :Semsettin Yesilyurt 04/22/2024



#84

1,2,4-Trimethylbenzene

Concen: 51.214 ug/l

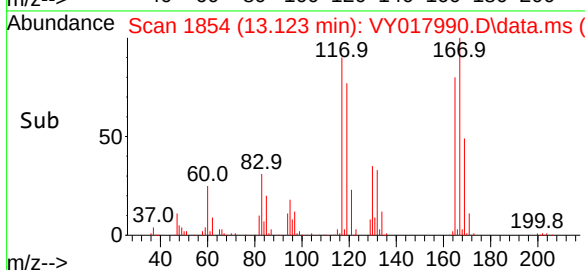
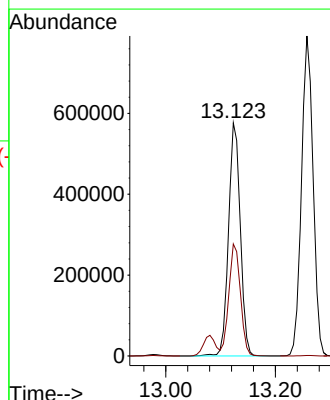
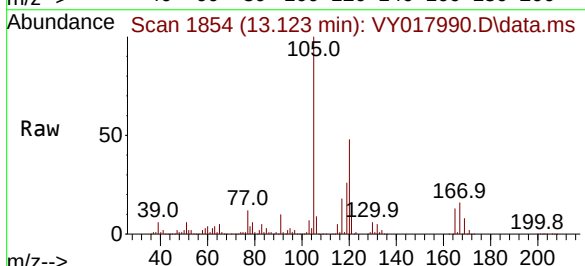
RT: 13.123 min Scan# 1854

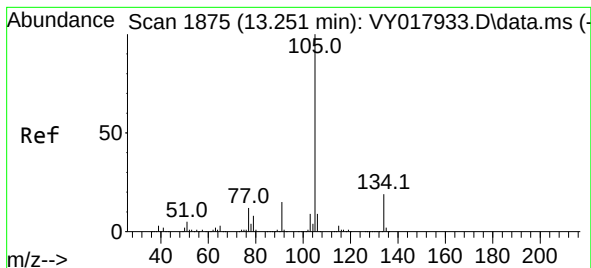
Delta R.T. 0.006 min

Lab File: VY017990.D

Acq: 19 Apr 2024 11:28

Tgt Ion:	105	Resp:	862240
Ion	Ratio	Lower	Upper
105	100		
120	47.5	23.2	69.6





#85

sec-Butylbenzene

Concen: 49.900 ug/l

RT: 13.257 min Scan# 1875

Delta R.T. 0.006 min

Lab File: VY017990.D

Acq: 19 Apr 2024 11:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 1157330

Ion Ratio Lower Upper

105 100

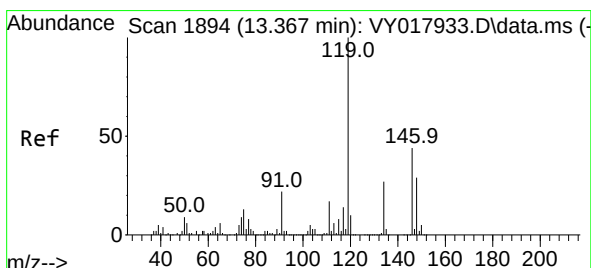
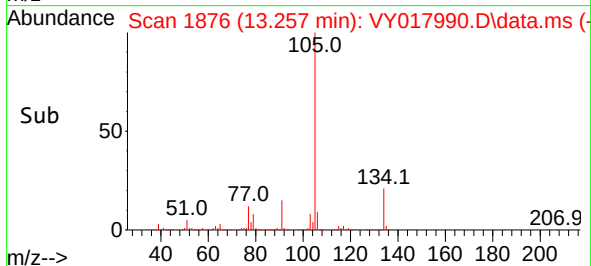
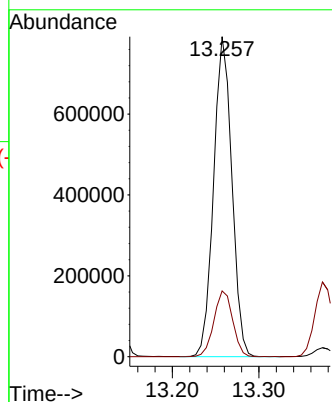
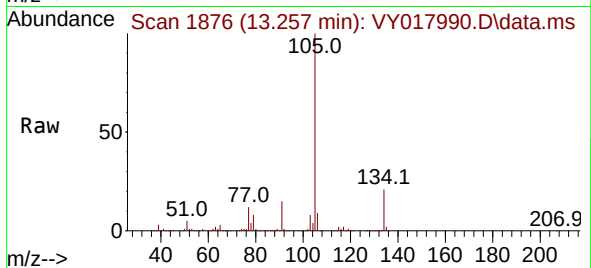
134 21.1 10.1 30.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/22/2024

Supervised By :Semsettin Yesilyurt 04/22/2024



#86

p-Isopropyltoluene

Concen: 51.153 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.006 min

Lab File: VY017990.D

Acq: 19 Apr 2024 11:28

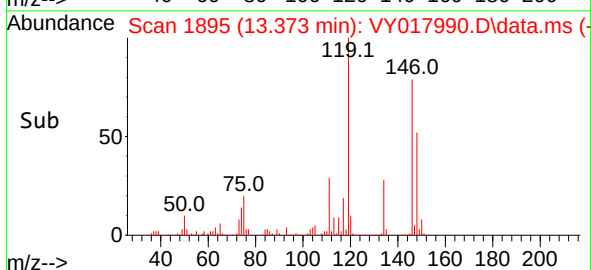
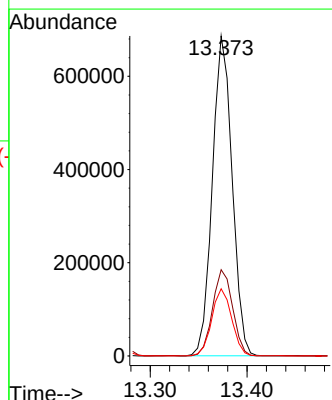
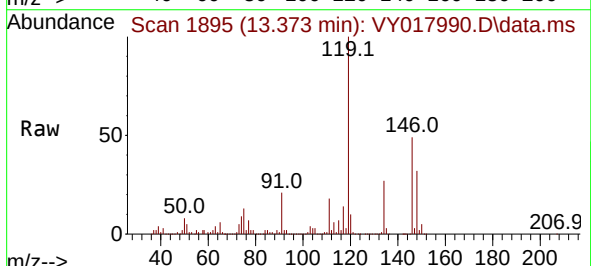
Tgt Ion:119 Resp: 974860

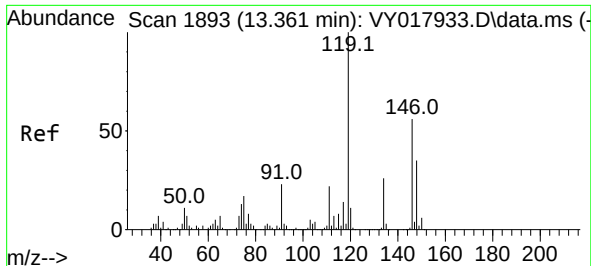
Ion Ratio Lower Upper

119 100

134 27.3 13.1 39.3

91 21.1 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 50.712 ug/l

RT: 13.373 min Scan# 1893

Delta R.T. 0.006 min

Lab File: VY017990.D

Acq: 19 Apr 2024 11:28

Instrument :

MSVOA_Y

ClientSampleId :

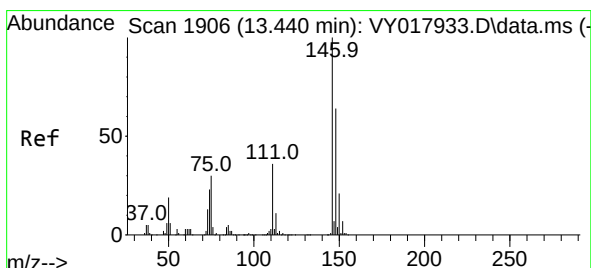
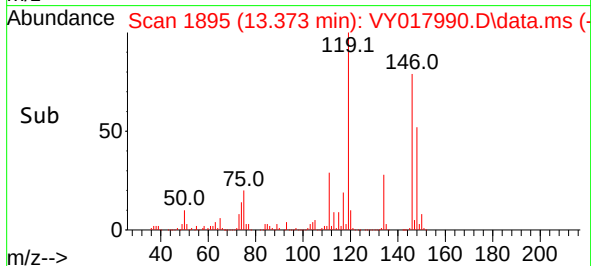
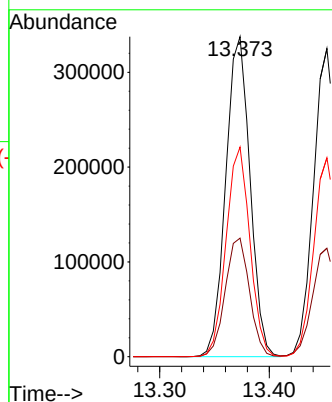
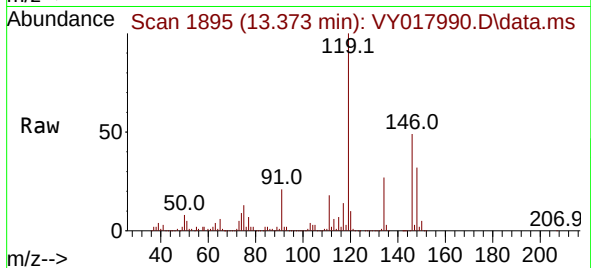
VSTDCCC050

Tgt Ion:146 Resp: 51915
 Ion Ratio Lower Upper
 146 100
 111 37.2 19.0 57.0
 148 64.3 31.7 95.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/22/2024
 Supervised By :Semsettin Yesilyurt 04/22/2024



#88

1,4-Dichlorobenzene

Concen: 50.110 ug/l

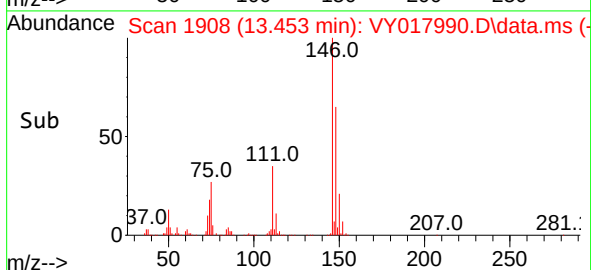
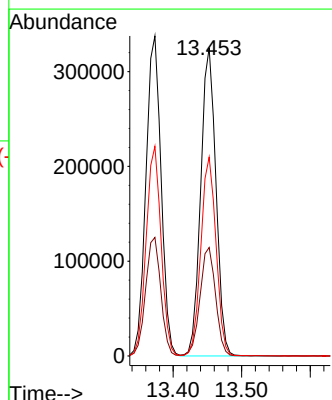
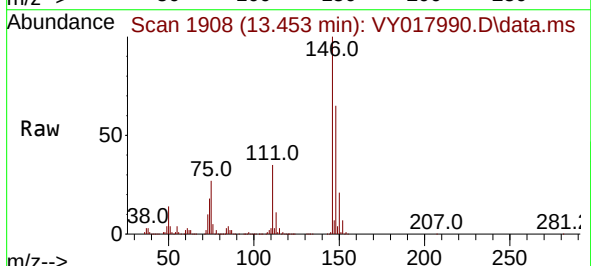
RT: 13.453 min Scan# 1908

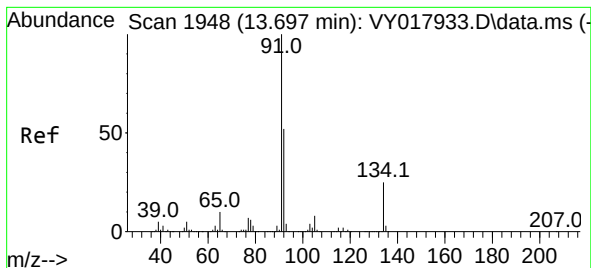
Delta R.T. 0.006 min

Lab File: VY017990.D

Acq: 19 Apr 2024 11:28

Tgt Ion:146 Resp: 503595
 Ion Ratio Lower Upper
 146 100
 111 35.9 18.4 55.4
 148 64.4 32.4 97.2





#89

n-Butylbenzene

Concen: 50.074 ug/l

RT: 13.702 min Scan# 1949

Delta R.T. 0.006 min

Lab File: VY017990.D

Acq: 19 Apr 2024 11:28

Instrument :

MSVOA_Y

ClientSampleId :

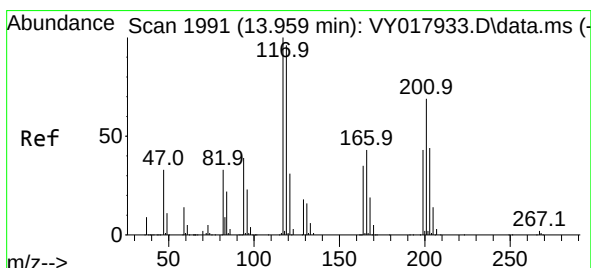
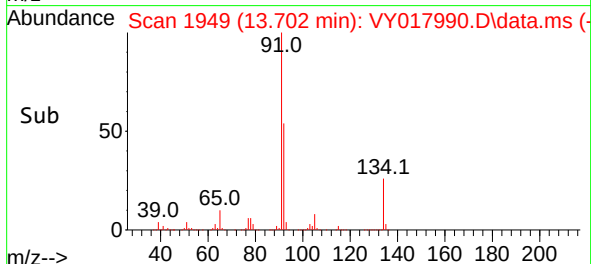
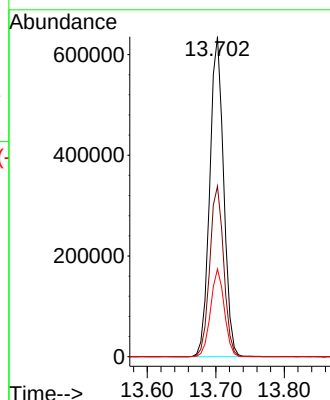
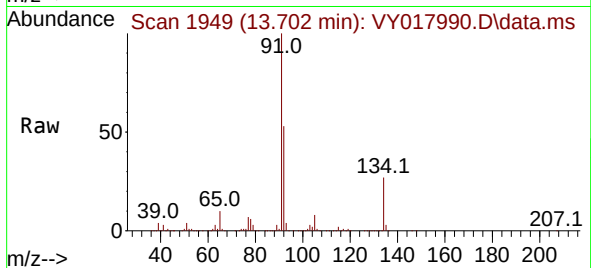
VSTDCCC050

Tgt Ion: 91	Resp: 897778
Ion Ratio	Lower Upper
91	100
92	53.5 26.6 79.7
134	27.0 12.9 38.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/22/2024
Supervised By :Semsettin Yesilyurt 04/22/2024



#90

Hexachloroethane

Concen: 49.619 ug/l

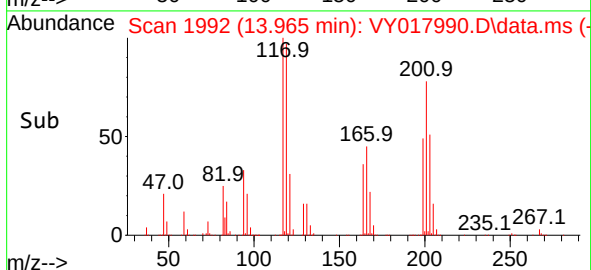
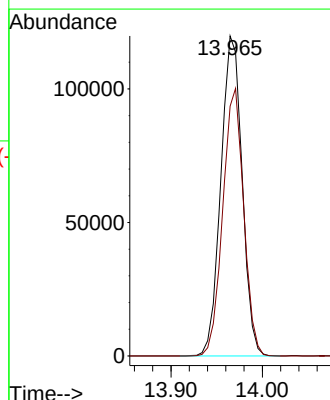
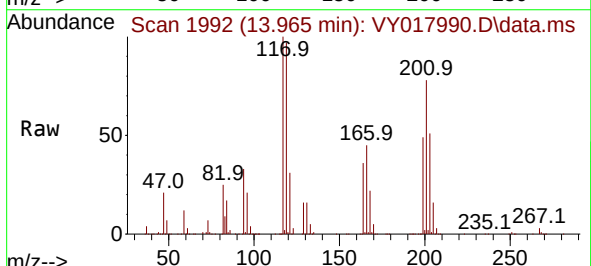
RT: 13.965 min Scan# 1992

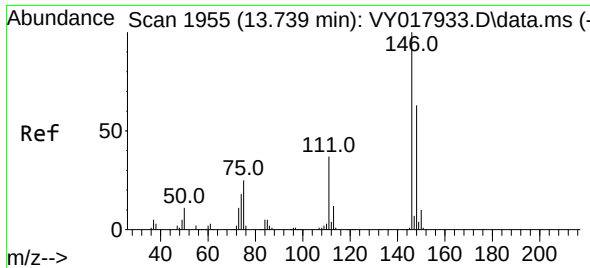
Delta R.T. 0.006 min

Lab File: VY017990.D

Acq: 19 Apr 2024 11:28

Tgt Ion:117	Resp: 193905
Ion Ratio	Lower Upper
117	100
201	81.9 37.4 112.2





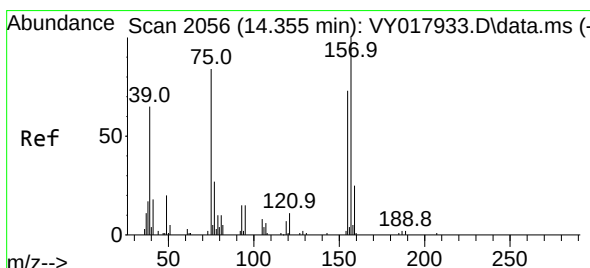
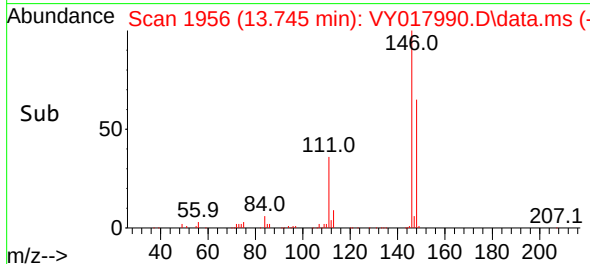
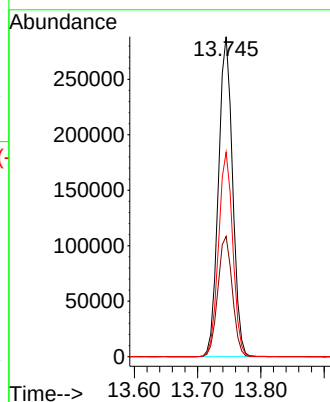
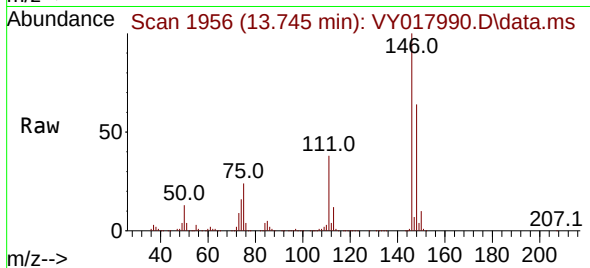
#91
1,2-Dichlorobenzene
Concen: 50.453 ug/l
RT: 13.745 min Scan# 1955
Delta R.T. 0.006 min
Lab File: VY017990.D
Acq: 19 Apr 2024 11:28

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 44560
Ion Ratio Lower Upper
146 100
111 38.6 19.9 59.7
148 64.3 31.8 95.4

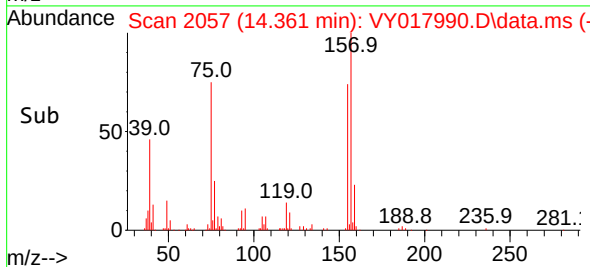
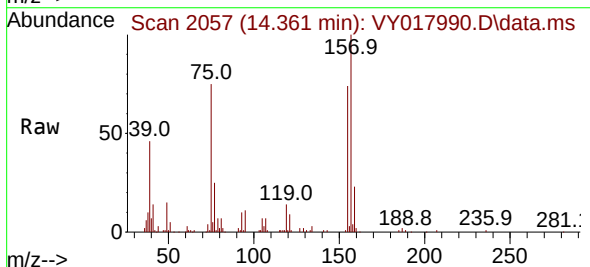
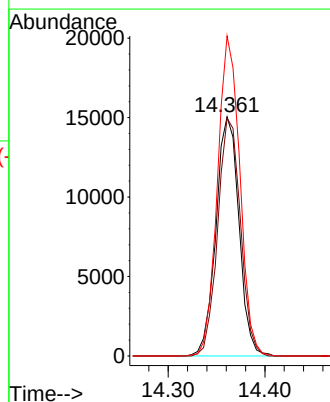
Manual Integrations
APPROVED

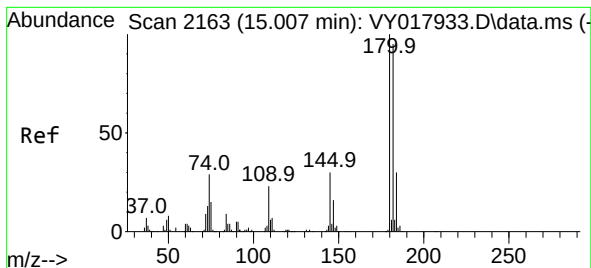
Reviewed By :Mahesh Dadoda 04/22/2024
Supervised By :Semsettin Yesilyurt 04/22/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 48.547 ug/l
RT: 14.361 min Scan# 2057
Delta R.T. 0.006 min
Lab File: VY017990.D
Acq: 19 Apr 2024 11:28

Tgt Ion: 75 Resp: 24831
Ion Ratio Lower Upper
75 100
155 98.0 48.6 145.8
157 129.9 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 52.729 ug/l

RT: 15.013 min Scan# 2163

Delta R.T. 0.006 min

Lab File: VY017990.D

Acq: 19 Apr 2024 11:28

Instrument :

MSVOA_Y

ClientSampleId :

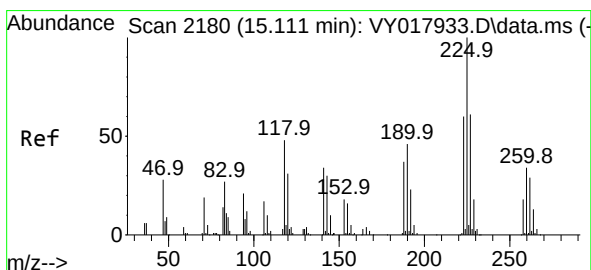
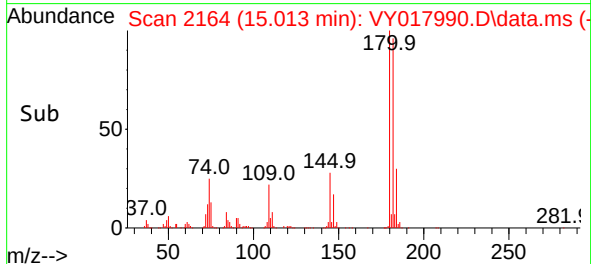
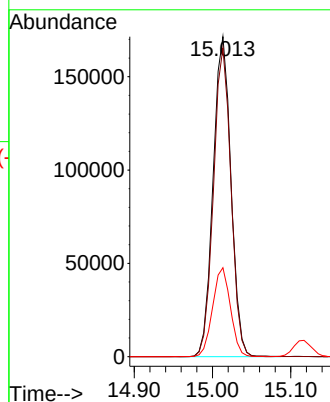
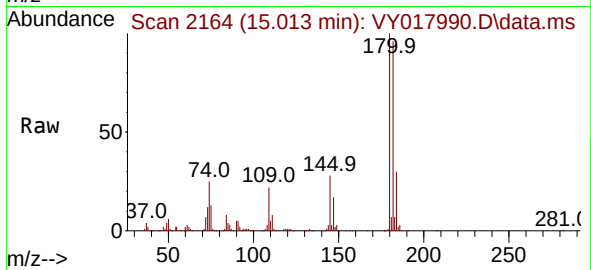
VSTDCCC050

Tgt Ion:	180	Resp:	27120
Ion Ratio	Lower	Upper	
180	100		
182	94.7	47.9	143.8
145	27.9	14.2	42.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/22/2024
Supervised By :Semsettin Yesilyurt 04/22/2024



#94

Hexachlorobutadiene

Concen: 50.698 ug/l

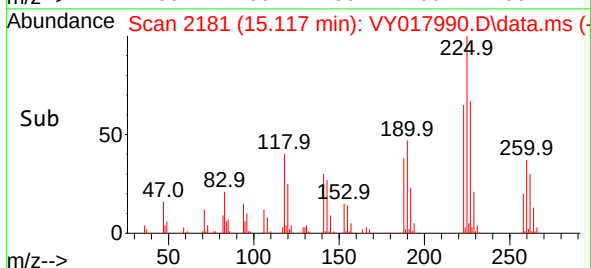
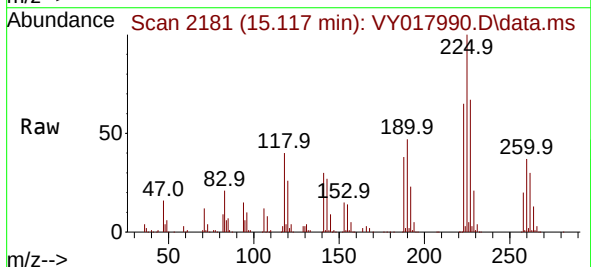
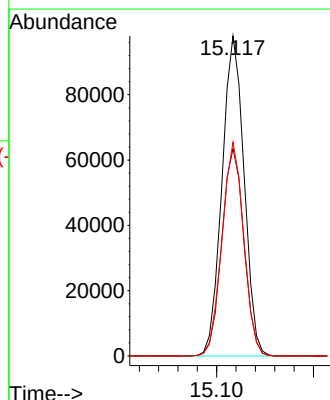
RT: 15.117 min Scan# 2181

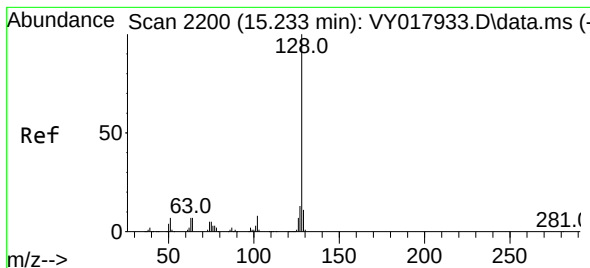
Delta R.T. 0.006 min

Lab File: VY017990.D

Acq: 19 Apr 2024 11:28

Tgt Ion:	225	Resp:	154686
Ion Ratio	Lower	Upper	
225	100		
223	64.9	30.4	91.2
227	65.6	31.9	95.9





#95

Naphthalene

Concen: 53.727 ug/l

RT: 15.239 min Scan# 21

Delta R.T. 0.006 min

Lab File: VY017990.D

Acq: 19 Apr 2024 11:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion:128 Resp: 455362

Ion Ratio Lower Upper

128 100

127 12.8 10.6 16.0

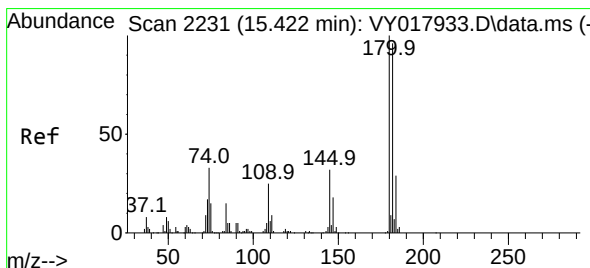
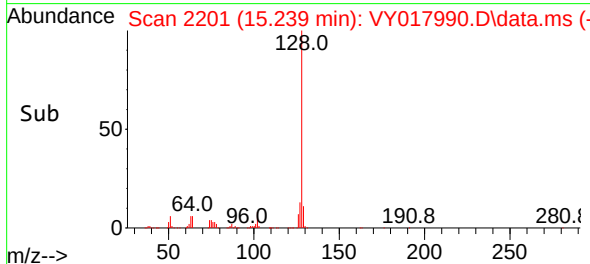
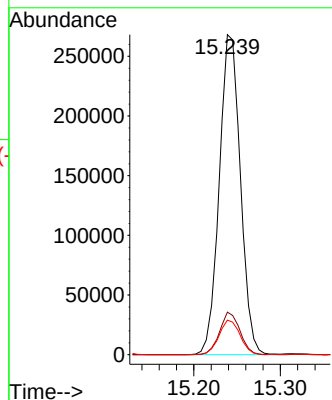
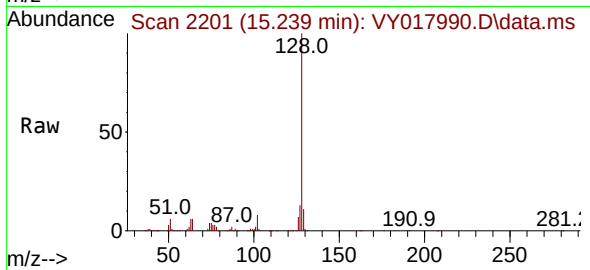
129 10.8 8.6 13.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/22/2024

Supervised By :Semsettin Yesilyurt 04/22/2024



#96

1,2,3-Trichlorobenzene

Concen: 53.210 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.006 min

Lab File: VY017990.D

Acq: 19 Apr 2024 11:28

Tgt Ion:180 Resp: 229638

Ion Ratio Lower Upper

180 100

182 94.5 47.6 142.9

145 29.4 15.4 46.1

