

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082523\
 Data File : VY015332.D
 Acq On : 25 Aug 2023 10:30
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 08/28/2023
 Supervised By :Semsettin Yesilyurt 08/28/2023

Quant Time: Aug 25 13:44:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 14 12:43:26 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	169303	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	279156	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	255873	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	134213	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	115996	57.076	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 114.160%			
35) Dibromofluoromethane	7.716	113	102611	57.136	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 114.280%			
50) Toluene-d8	10.179	98	360595	53.938	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 107.880%			
62) 4-Bromofluorobenzene	12.483	95	137128	56.158	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 112.320%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	32346	44.012	ug/l	95
3) Chloromethane	2.107	50	48531	47.833	ug/l	99
4) Vinyl Chloride	2.247	62	61338	45.530	ug/l	94
5) Bromomethane	2.644	94	44998	47.343	ug/l	100
6) Chloroethane	2.784	64	50071	51.192	ug/l	97
7) Trichlorofluoromethane	3.119	101	112435	49.530	ug/l	96
8) Diethyl Ether	3.528	74	48486	54.462	ug/l	84
9) 1,1,2-Trichlorotrifluo...	3.893	101	69008	48.913	ug/l	98
10) Methyl Iodide	4.088	142	70143	50.632	ug/l	97
11) Tert butyl alcohol	4.985	59	98020	295.924	ug/l #	84
12) 1,1-Dichloroethene	3.863	96	56370	47.849	ug/l	92
13) Acrolein	3.729	56	27040	197.534	ug/l	98
14) Allyl chloride	4.472	41	101815	48.746	ug/l	97
15) Acrylonitrile	5.161	53	177316	293.896	ug/l	99
16) Acetone	3.954	43	195568	294.562	ug/l	94
17) Carbon Disulfide	4.186	76	86602	41.771	ug/l	99
18) Methyl Acetate	4.479	43	146281	60.123	ug/l	93
19) Methyl tert-butyl Ether	5.222	73	281287	56.154	ug/l	100
20) Methylene Chloride	4.710	84	86555	54.787	ug/l	93
21) trans-1,2-Dichloroethene	5.216	96	65805	49.520	ug/l	96
22) Diisopropyl ether	6.119	45	276054	52.967	ug/l	94
23) Vinyl Acetate	6.058	43	833922	268.154	ug/l #	94
24) 1,1-Dichloroethane	6.015	63	147569	52.299	ug/l	97
25) 2-Butanone	6.990	43	273956	291.426	ug/l	95
26) 2,2-Dichloropropane	6.978	77	131800	48.454	ug/l	98
27) cis-1,2-Dichloroethene	6.984	96	95592	52.661	ug/l	95
28) Bromochloromethane	7.332	49	63714	49.149	ug/l	92
29) Tetrahydrofuran	7.350	42	161732	287.729	ug/l	90
30) Chloroform	7.502	83	171090	54.089	ug/l	95
31) Cyclohexane	7.783	56	87654	48.194	ug/l	88
32) 1,1,1-Trichloroethane	7.697	97	140629	52.246	ug/l	99
36) 1,1-Dichloropropene	7.917	75	95977	48.306	ug/l	99
37) Ethyl Acetate	7.076	43	105511	56.972	ug/l #	95
38) Carbon Tetrachloride	7.905	117	116677	49.620	ug/l	97
39) Methylcyclohexane	9.185	83	102699	46.109	ug/l	95
40) Benzene	8.161	78	306320	50.994	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	50328m	52.701	ug/l	
42) 1,2-Dichloroethane	8.234	62	120328	55.157	ug/l	96
43) Isopropyl Acetate	8.277	43	188378	55.856	ug/l	98
44) Trichloroethene	8.941	130	88430	51.099	ug/l	98
45) 1,2-Dichloropropane	9.216	63	88812	52.432	ug/l	97
46) Dibromomethane	9.307	93	58200	54.478	ug/l	98
47) Bromodichloromethane	9.496	83	140956	55.292	ug/l	100
48) Methyl methacrylate	9.295	41	84818	58.791	ug/l	94
49) 1,4-Dioxane	9.313	88	25874	1211.163	ug/l #	56
51) 4-Methyl-2-Pentanone	10.069	43	597167	305.519	ug/l	94
52) Toluene	10.246	92	204286	51.597	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	145389	54.266	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	150860	53.466	ug/l	93
55) 1,1,2-Trichloroethane	10.648	97	90921	55.972	ug/l	94
56) Ethyl methacrylate	10.514	69	135853	57.146	ug/l	90
57) 1,3-Dichloropropane	10.788	76	147855	55.712	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.783	63	272834	246.608	ug/l	94
59) 2-Hexanone	10.831	43	450787	311.616	ug/l	92
60) Dibromochloromethane	10.983	129	111350	57.465	ug/l	99
61) 1,2-Dibromoethane	11.093	107	87299	56.572	ug/l	98
64) Tetrachloroethene	10.721	164	96098	53.907	ug/l	98
65) Chlorobenzene	11.514	112	244429	52.429	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	103860	54.905	ug/l	100
67) Ethyl Benzene	11.593	91	419655	51.376	ug/l	99
68) m/p-Xylenes	11.703	106	313681	101.111	ug/l	98
69) o-Xylene	12.032	106	162465	52.569	ug/l	98
70) Styrene	12.044	104	285670	53.407	ug/l	97
71) Bromoform	12.209	173	78855	57.505	ug/l #	99
73) Isopropylbenzene	12.331	105	437139	50.651	ug/l	100
74) N-amyl acetate	12.148	43	168886	54.200	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.581	83	127396	56.678	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	105268m	64.558	ug/l	
77) Bromobenzene	12.611	156	108616	51.632	ug/l	96
78) n-propylbenzene	12.672	91	509533	49.718	ug/l	100
79) 2-Chlorotoluene	12.758	91	297871	50.383	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	362889	50.443	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	40380	54.394	ug/l	98
82) 4-Chlorotoluene	12.855	91	307080	50.276	ug/l	99
83) tert-Butylbenzene	13.075	119	336524	51.142	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	366943	51.045	ug/l	99
85) sec-Butylbenzene	13.251	105	485764	50.384	ug/l	100
86) p-Isopropyltoluene	13.373	119	403729	50.507	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	215206	51.577	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	217190	51.897	ug/l	99
89) n-Butylbenzene	13.696	91	375559	49.830	ug/l	97
90) Hexachloroethane	13.965	117	77580	48.922	ug/l	90
91) 1,2-Dichlorobenzene	13.739	146	207546	53.246	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	26363	60.546	ug/l	91
93) 1,2,4-Trichlorobenzene	15.007	180	134941	53.924	ug/l	98
94) Hexachlorobutadiene	15.111	225	67727	49.755	ug/l	99
95) Naphthalene	15.239	128	384120	61.620	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	127252	56.307	ug/l	99

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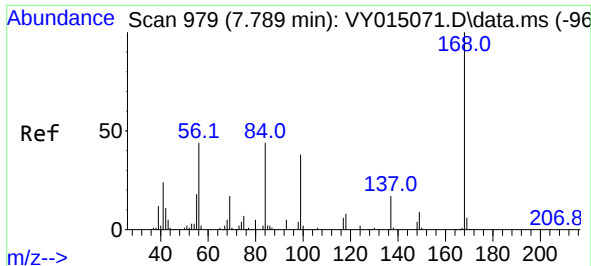
Manual Integrations
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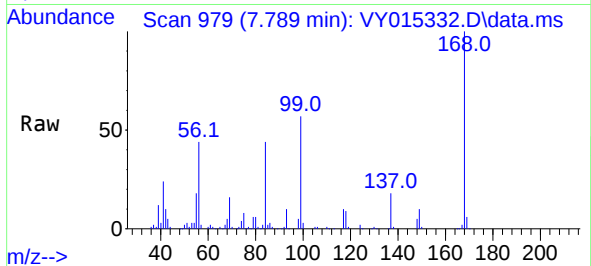
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015332.D
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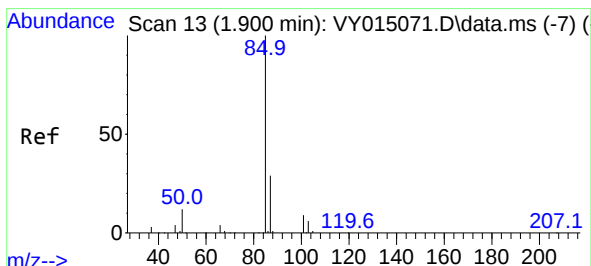
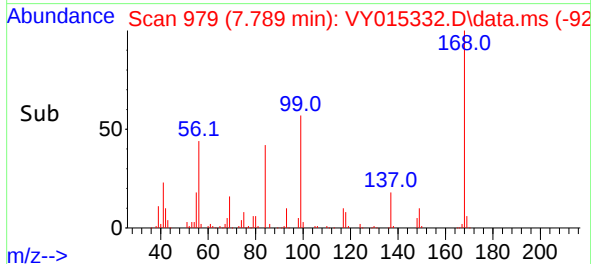
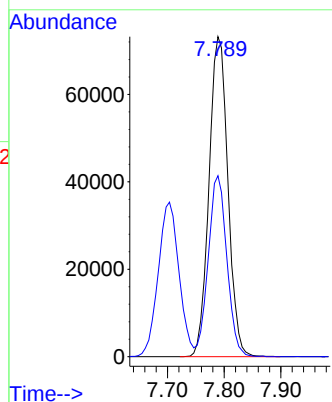
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 16930
Ion Ratio Lower Upper
168 100
99 56.6 43.4 65.0

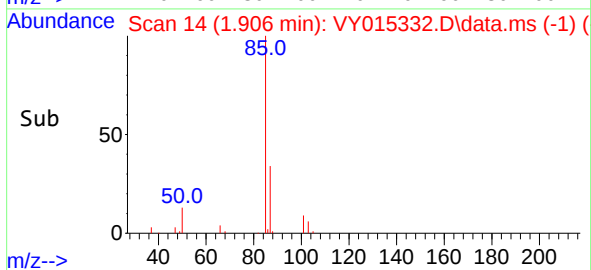
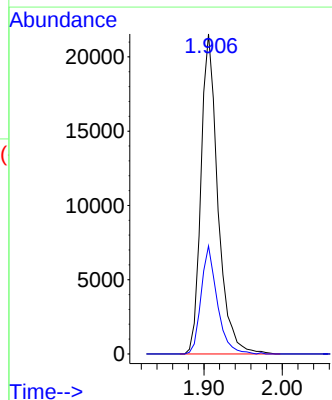
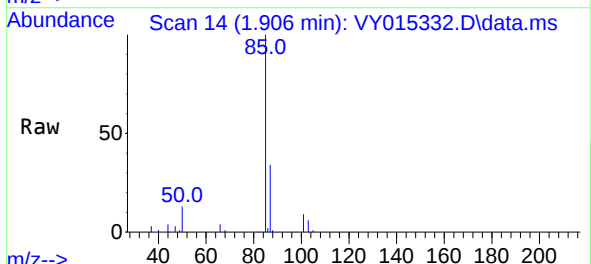
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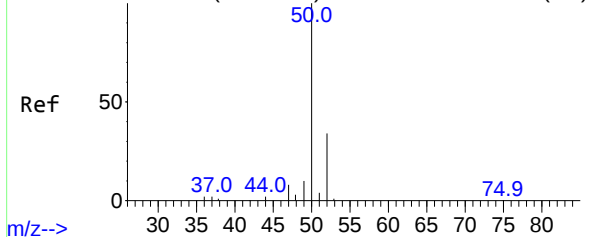


#2
Dichlorodifluoromethane
Concen: 44.012 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY015332.D
Acq: 25 Aug 2023 10:30

Tgt Ion: 85 Resp: 32346
Ion Ratio Lower Upper
85 100
87 33.8 15.6 46.8



Abundance Scan 48 (2.113 min): VY015071.D\data.ms (-41)



#3

Chloromethane

Concen: 47.833 ug/l

RT: 2.107 min Scan# 41

Delta R.T. 0.000 min

Lab File: VY015332.D

Acq: 25 Aug 2023 10:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 50 Resp: 4853

Ion Ratio Lower Upper

50 100

52 31.2 25.4 38.2

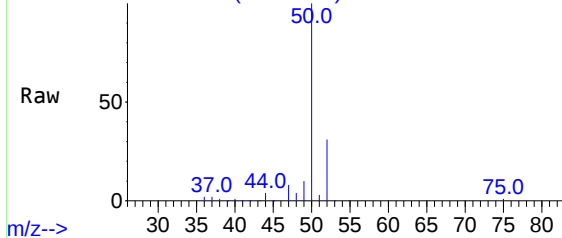
Manual Integrations

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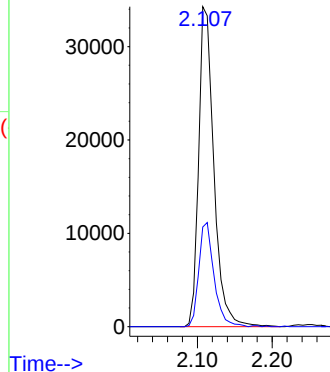
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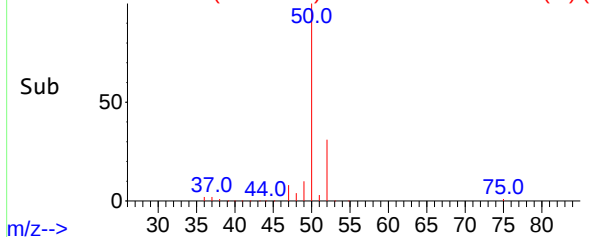
Abundance Scan 47 (2.107 min): VY015332.D\data.ms



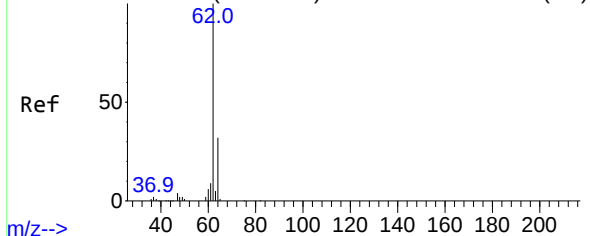
Abundance



Abundance Scan 47 (2.107 min): VY015332.D\data.ms (-1)



Abundance Scan 70 (2.247 min): VY015071.D\data.ms (-63)



#4

Vinyl Chloride

Concen: 45.530 ug/l

RT: 2.247 min Scan# 70

Delta R.T. 0.000 min

Lab File: VY015332.D

Acq: 25 Aug 2023 10:30

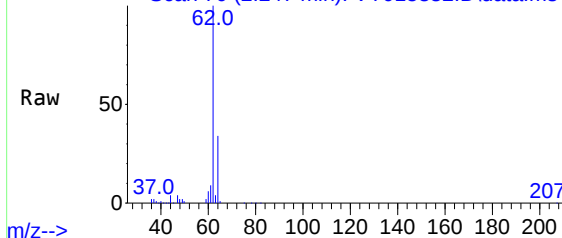
Tgt Ion: 62 Resp: 61338

Ion Ratio Lower Upper

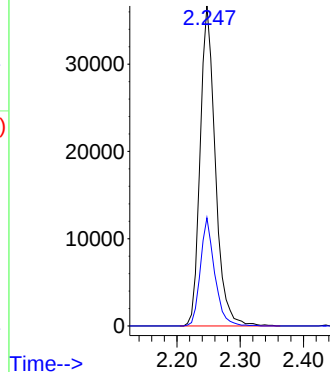
62 100

64 33.8 24.3 36.5

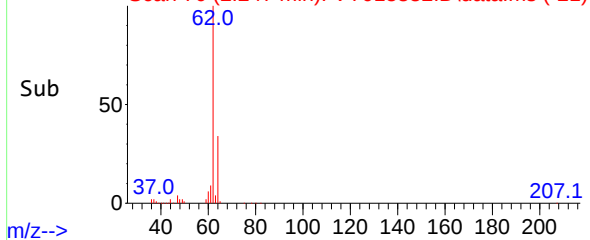
Abundance Scan 70 (2.247 min): VY015332.D\data.ms

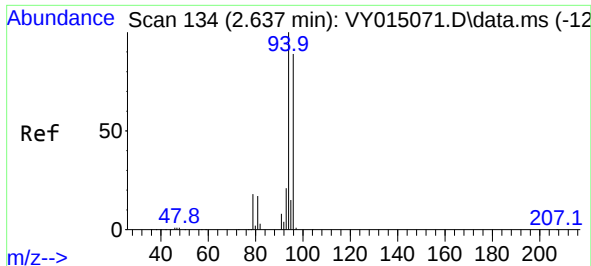


Abundance



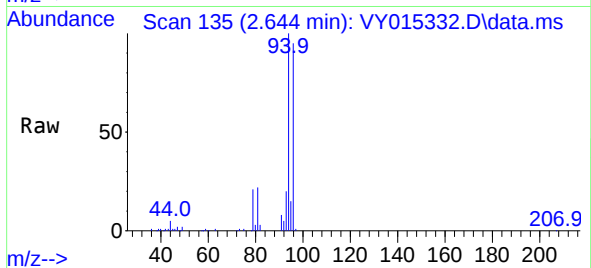
Abundance Scan 70 (2.247 min): VY015332.D\data.ms (-21)





#5
Bromomethane
Concen: 47.343 ug/l
RT: 2.644 min Scan# 11
Delta R.T. 0.007 min
Lab File: VY015332.D
Acq: 25 Aug 2023 10:30

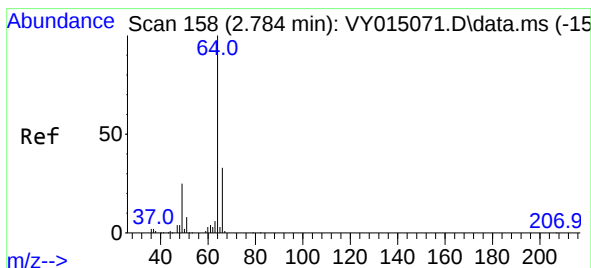
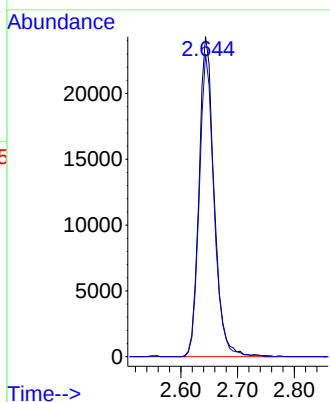
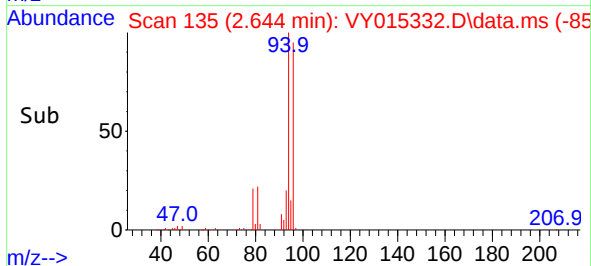
Instrument :
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Tgt Ion: 94 Resp: 44998
Ion Ratio Lower Upper
94 100
96 94.6 75.8 113.6

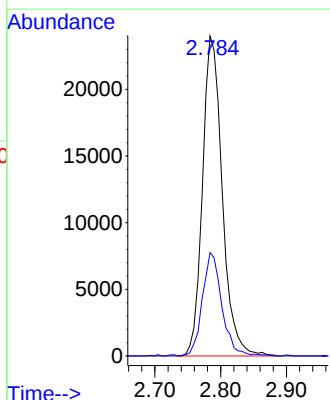
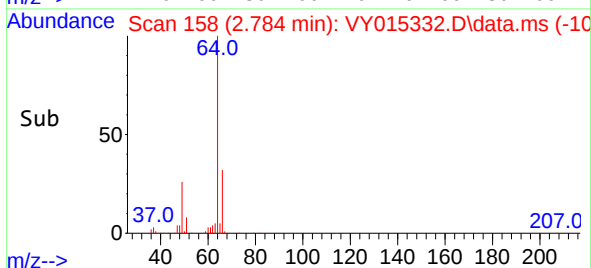
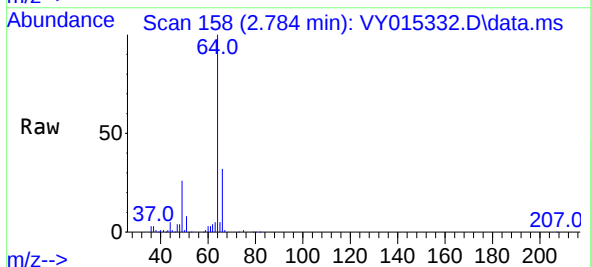
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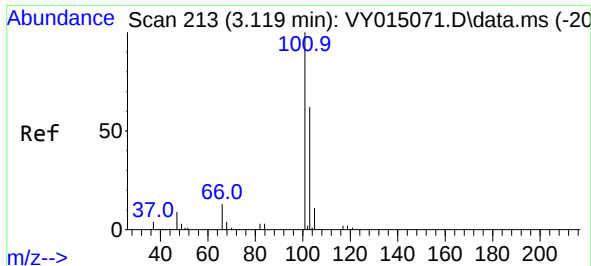
Reviewed By :Mahesh Dadoda 08/28/2023
Supervised By :Semsettin Yesilyurt 08/28/2023



#6
Chloroethane
Concen: 51.192 ug/l
RT: 2.784 min Scan# 158
Delta R.T. -0.000 min
Lab File: VY015332.D
Acq: 25 Aug 2023 10:30

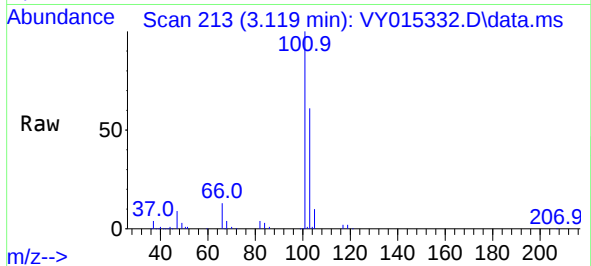
Tgt Ion: 64 Resp: 50071
Ion Ratio Lower Upper
64 100
66 32.3 24.4 36.6





#7
Trichlorofluoromethane
Concen: 49.530 ug/l
RT: 3.119 min Scan# 213
Delta R.T. 0.006 min
Lab File: VY015332.D
Acq: 25 Aug 2023 10:30

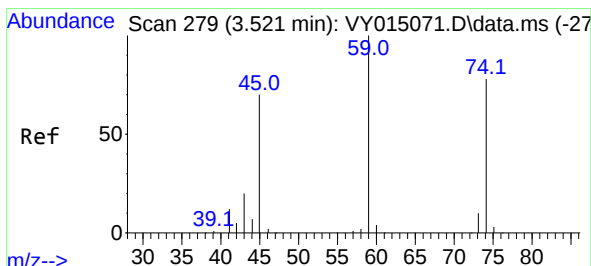
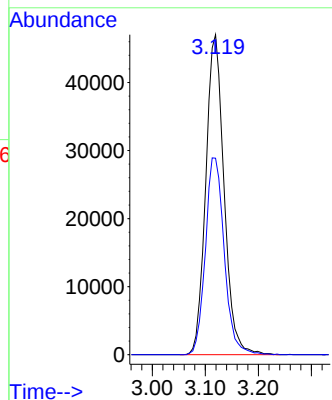
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion:101 Resp: 11243
Ion Ratio Lower Upper
101 100
103 61.4 51.4 77.0

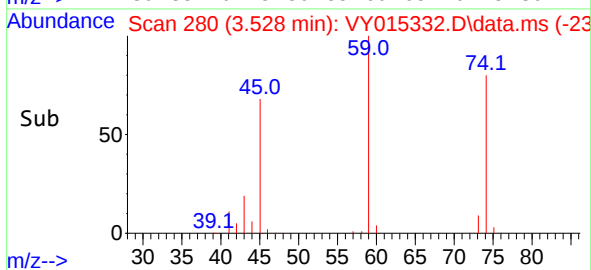
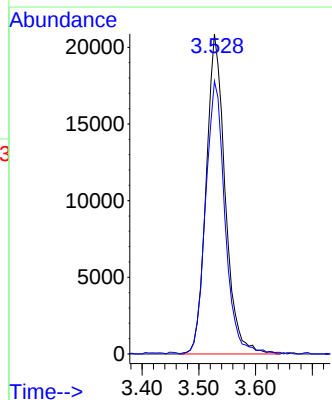
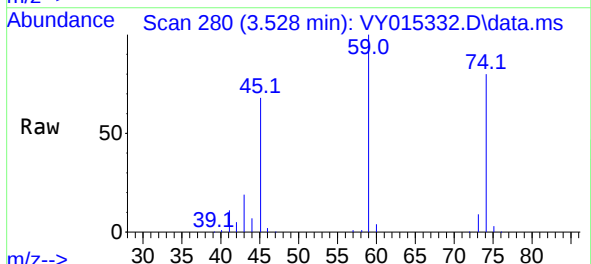
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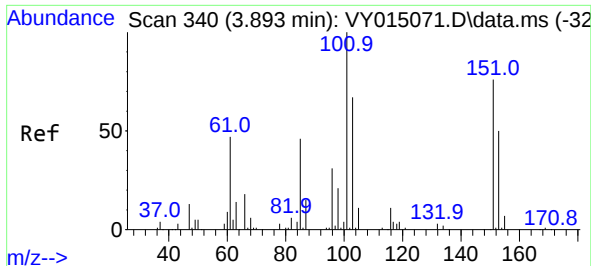
Reviewed By :Mahesh Dadoda 08/28/2023
Supervised By :Semsettin Yesilyurt 08/28/2023



#8
Diethyl Ether
Concen: 54.462 ug/l
RT: 3.528 min Scan# 280
Delta R.T. 0.006 min
Lab File: VY015332.D
Acq: 25 Aug 2023 10:30

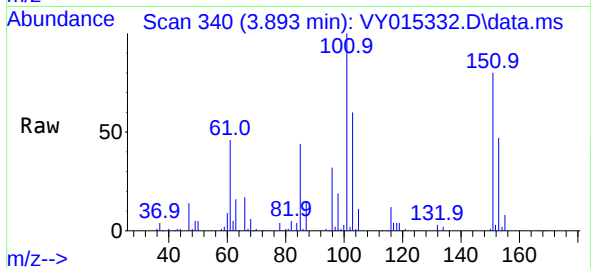
Tgt Ion: 74 Resp: 48486
Ion Ratio Lower Upper
74 100
45 87.2 51.5 154.5





#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.913 ug/l
RT: 3.893 min Scan# 340
Delta R.T. 0.006 min
Lab File: VY015332.D
Acq: 25 Aug 2023 10:30

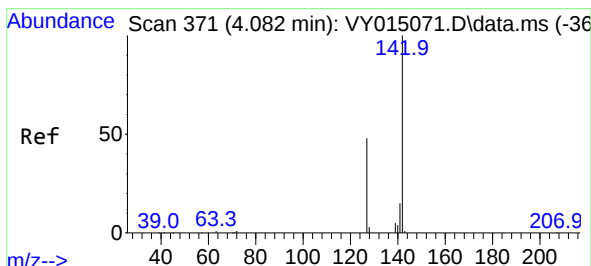
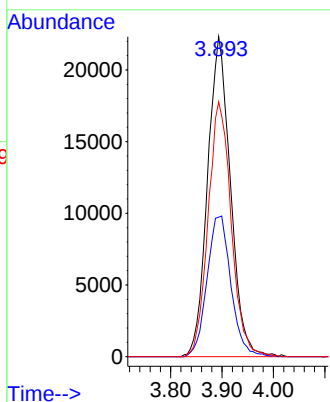
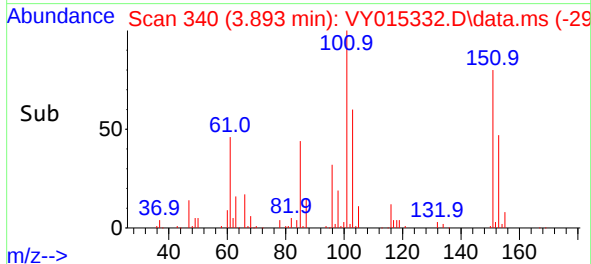
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



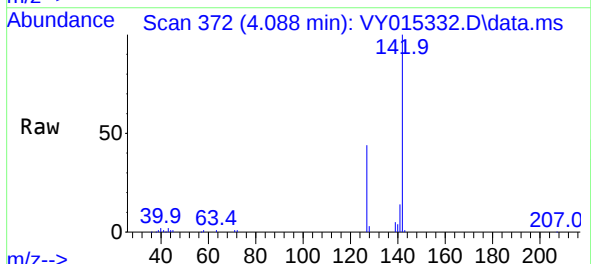
Tgt Ion:101 Resp: 69008
Ion Ratio Lower Upper
101 100
85 46.0 36.6 55.0
151 80.5 67.0 100.6

Manual Integrations
APPROVED

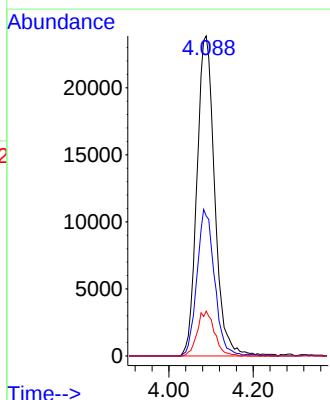
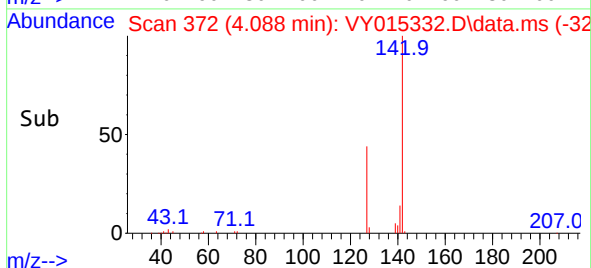
Reviewed By :Mahesh Dadoda 08/28/2023
Supervised By :Semsettin Yesilyurt 08/28/2023

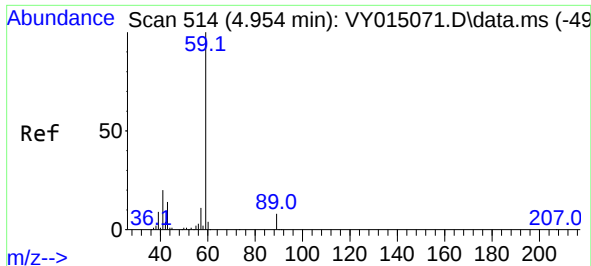


#10
Methyl Iodide
Concen: 50.632 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.006 min
Lab File: VY015332.D
Acq: 25 Aug 2023 10:30



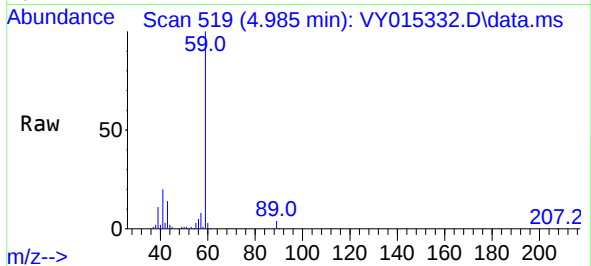
Tgt Ion:142 Resp: 70143
Ion Ratio Lower Upper
142 100
127 45.0 37.6 56.4
141 13.6 11.8 17.8





#11
Tert butyl alcohol
Concen: 295.924 ug/l
RT: 4.985 min Scan# 514
Delta R.T. 0.037 min
Lab File: VY015332.D
Acq: 25 Aug 2023 10:30

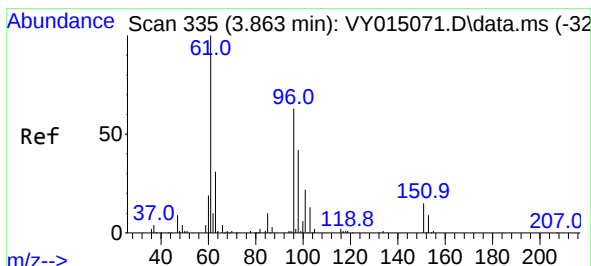
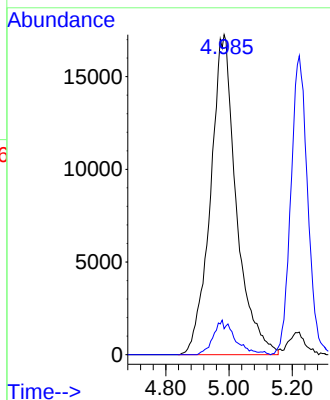
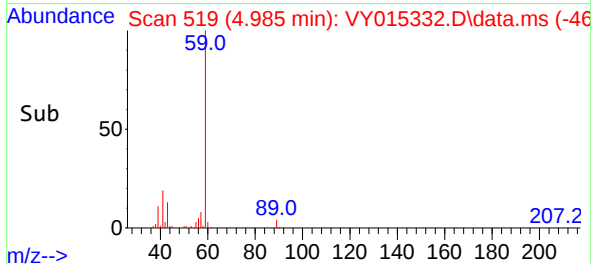
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



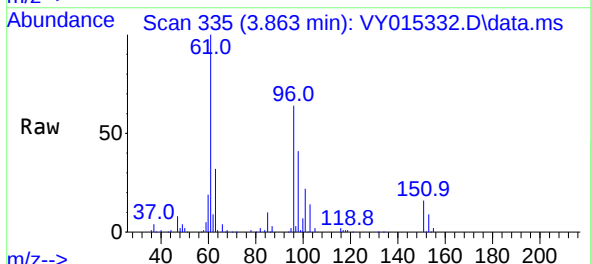
Tgt Ion: 59 Resp: 98020
Ion Ratio Lower Upper
59 100
57 8.8 3.0 4.4

Manual Integrations
APPROVED

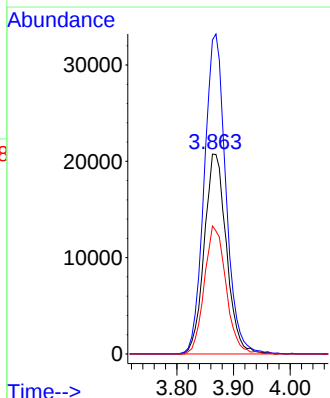
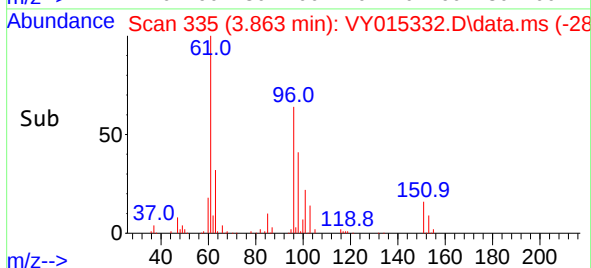
Reviewed By :Mahesh Dadoda 08/28/2023
Supervised By :Semsettin Yesilyurt 08/28/2023

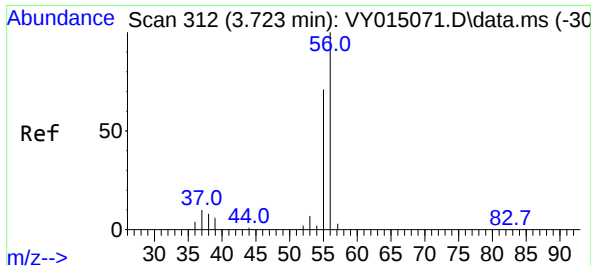


#12
1,1-Dichloroethene
Concen: 47.849 ug/l
RT: 3.863 min Scan# 335
Delta R.T. 0.000 min
Lab File: VY015332.D
Acq: 25 Aug 2023 10:30



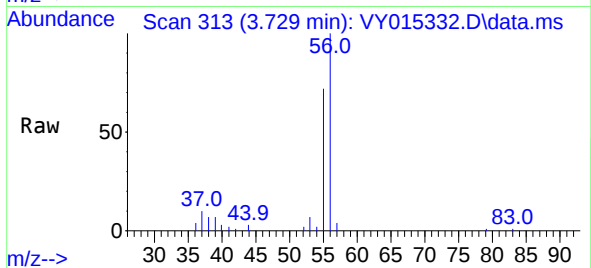
Tgt Ion: 96 Resp: 56370
Ion Ratio Lower Upper
96 100
61 157.1 136.4 204.6
98 64.0 49.4 74.2





#13
Acrolein
Concen: 197.534 ug/l
RT: 3.729 min Scan# 312
Delta R.T. 0.006 min
Lab File: VY015332.D
Acq: 25 Aug 2023 10:30

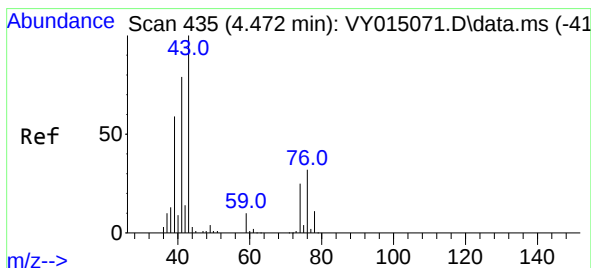
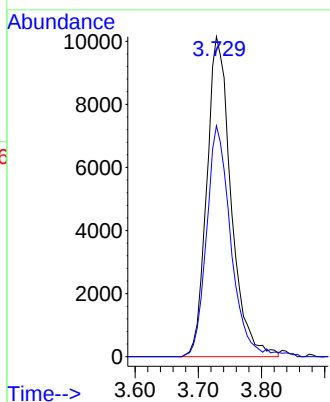
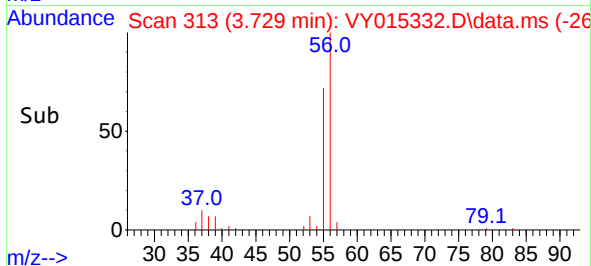
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



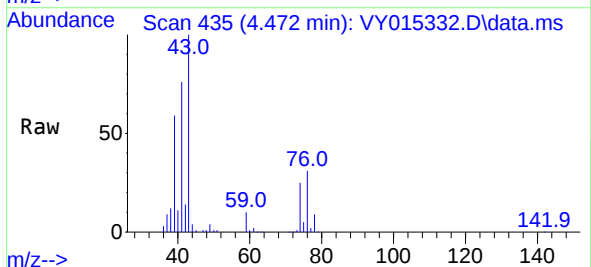
Tgt Ion: 56 Resp: 27040
Ion Ratio Lower Upper
56 100
55 72.7 57.0 85.4

Manual Integrations
APPROVED

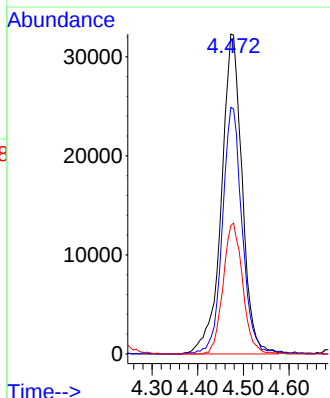
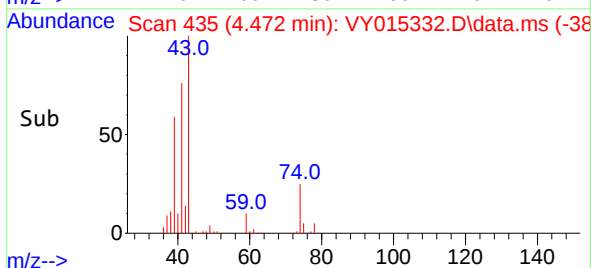
Reviewed By :Mahesh Dadoda 08/28/2023
Supervised By :Semsettin Yesilyurt 08/28/2023

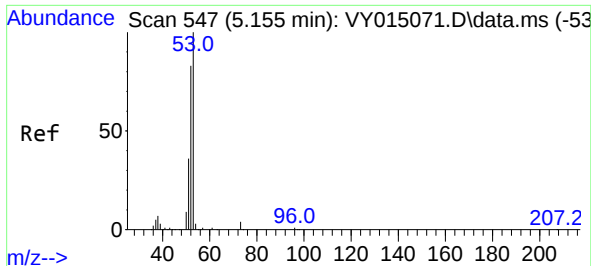


#14
Allyl chloride
Concen: 48.746 ug/l
RT: 4.472 min Scan# 435
Delta R.T. 0.000 min
Lab File: VY015332.D
Acq: 25 Aug 2023 10:30



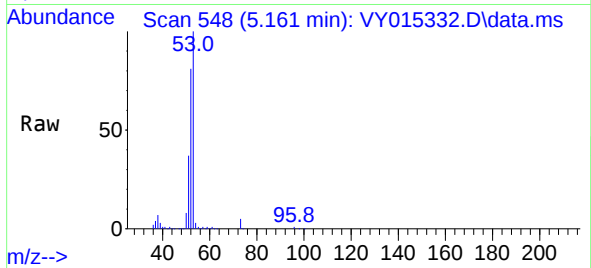
Tgt Ion: 41 Resp: 101815
Ion Ratio Lower Upper
41 100
39 73.6 58.0 87.0
76 38.6 27.4 41.2





#15
Acrylonitrile
Concen: 293.896 ug/l
RT: 5.161 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY015332.D
Acq: 25 Aug 2023 10:30

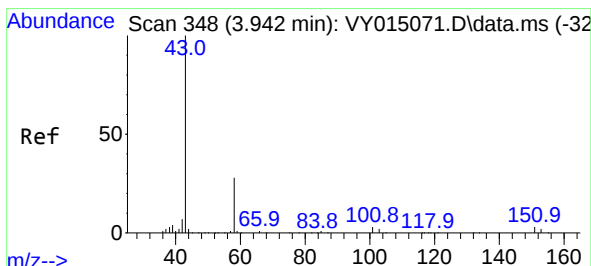
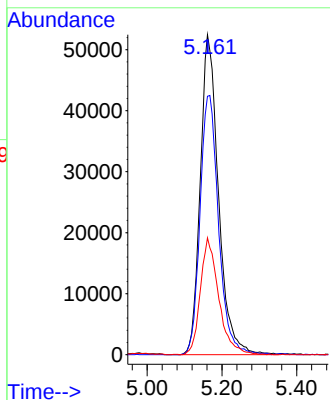
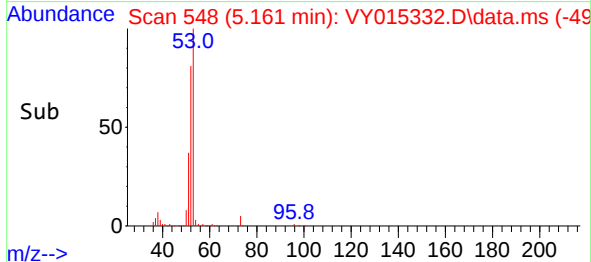
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



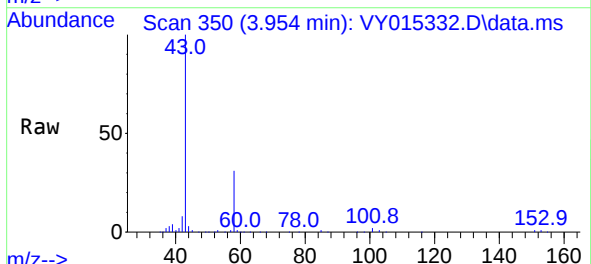
Tgt Ion: 53 Resp: 177310
Ion Ratio Lower Upper
53 100
52 82.6 66.9 100.3
51 36.8 29.8 44.6

Manual Integrations
APPROVED

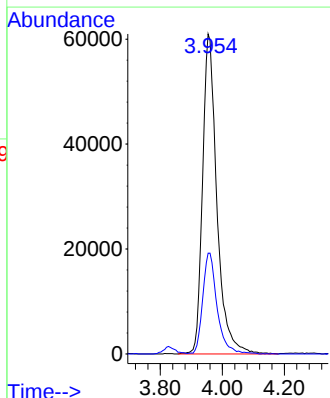
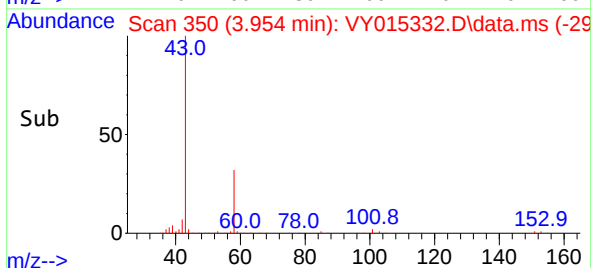
Reviewed By :Mahesh Dadoda 08/28/2023
Supervised By :Semsettin Yesilyurt 08/28/2023

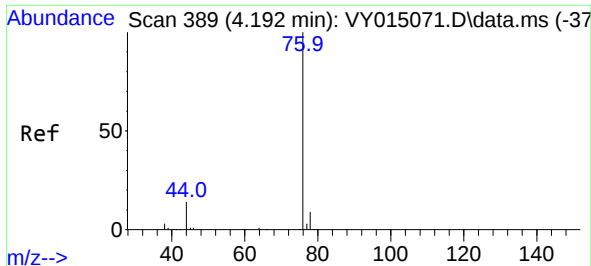


#16
Acetone
Concen: 294.562 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.012 min
Lab File: VY015332.D
Acq: 25 Aug 2023 10:30



Tgt Ion: 43 Resp: 195568
Ion Ratio Lower Upper
43 100
58 31.5 22.7 34.1





#17

Carbon Disulfide

Concen: 41.771 ug/l

RT: 4.186 min Scan# 388

Delta R.T. 0.000 min

Lab File: VY015332.D

Acq: 25 Aug 2023 10:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 86602

Ion Ratio Lower Upper

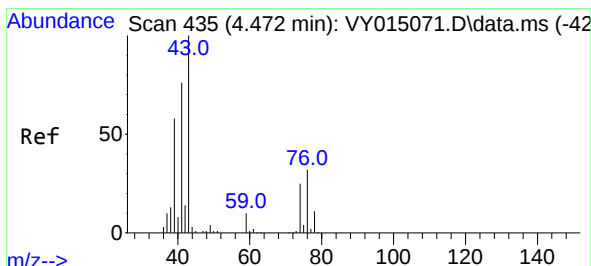
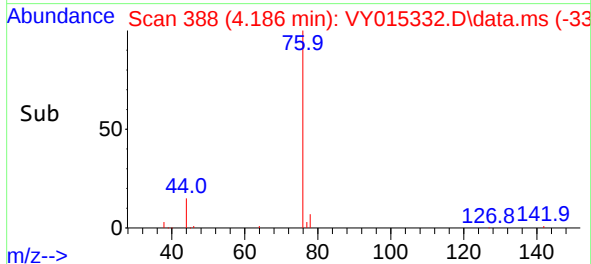
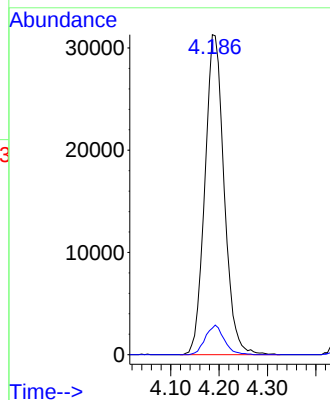
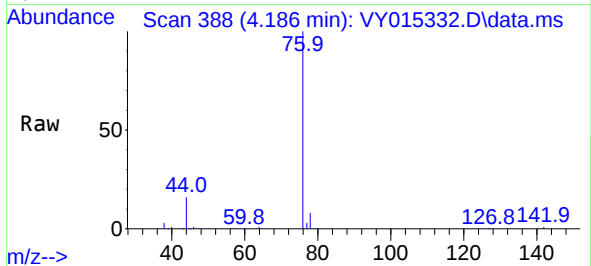
76 100

78 8.3 7.0 10.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/28/2023
Supervised By :Semsettin Yesilyurt 08/28/2023



#18

Methyl Acetate

Concen: 60.123 ug/l

RT: 4.479 min Scan# 436

Delta R.T. 0.013 min

Lab File: VY015332.D

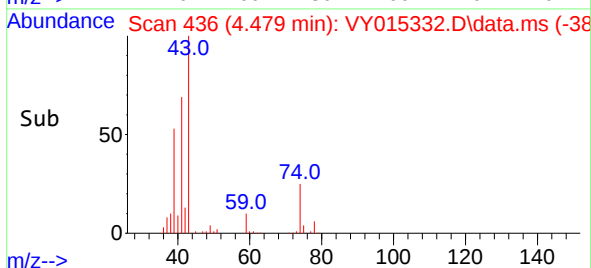
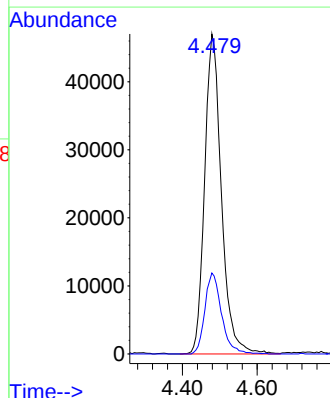
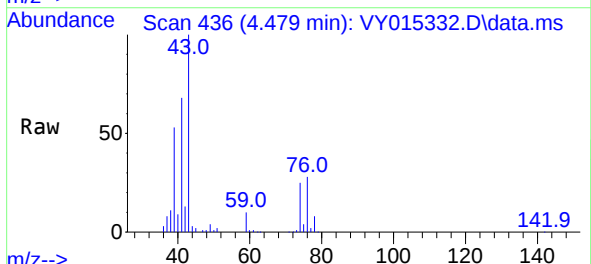
Acq: 25 Aug 2023 10:30

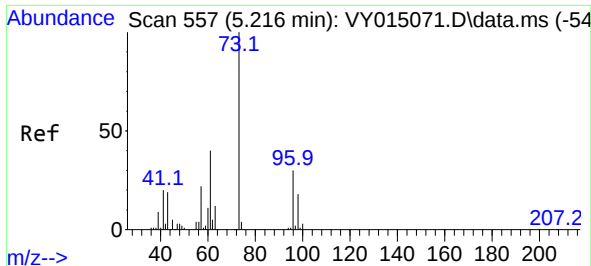
Tgt Ion: 43 Resp: 146281

Ion Ratio Lower Upper

43 100

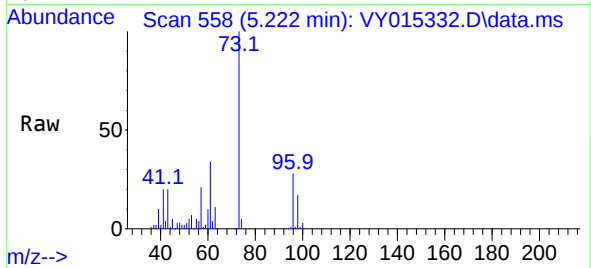
74 25.2 17.4 26.0





#19
Methyl tert-butyl Ether
Concen: 56.154 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY015332.D
Acq: 25 Aug 2023 10:30

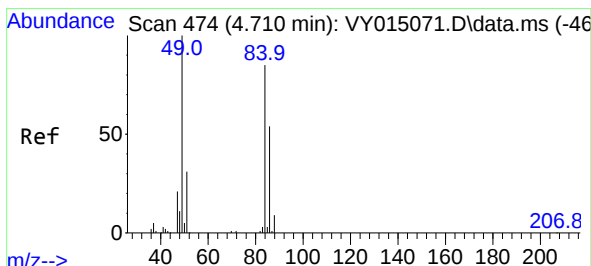
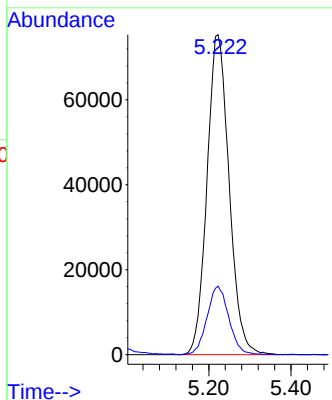
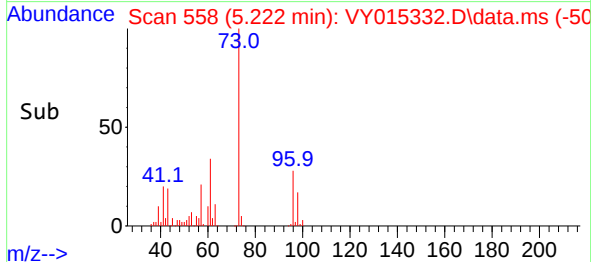
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 28128
Ion Ratio Lower Upper
73 100
57 21.4 17.3 25.9

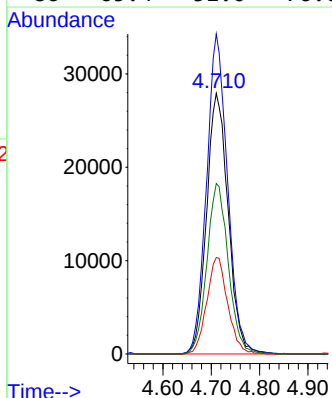
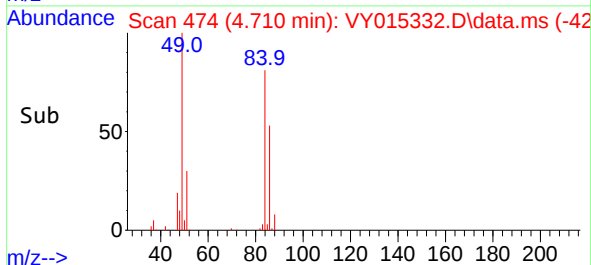
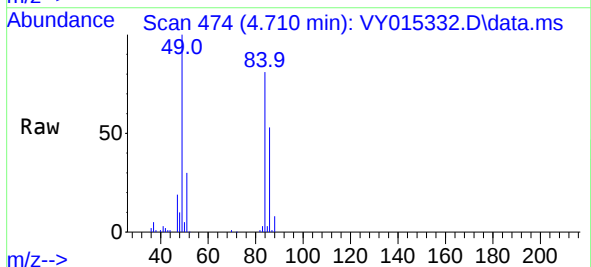
Manual Integrations
APPROVED

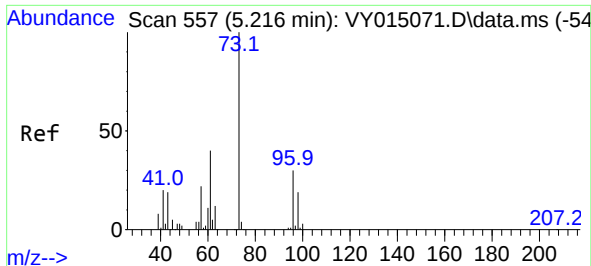
Reviewed By :Mahesh Dadoda 08/28/2023
Supervised By :Semsettin Yesilyurt 08/28/2023



#20
Methylene Chloride
Concen: 54.787 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY015332.D
Acq: 25 Aug 2023 10:30

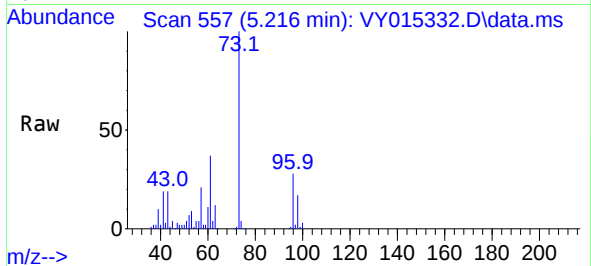
Tgt Ion: 84 Resp: 86555
Ion Ratio Lower Upper
84 100
49 122.8 106.9 160.3
51 37.0 33.2 49.8
86 65.4 51.0 76.6





#21
trans-1,2-Dichloroethene
Concen: 49.520 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY015332.D
Acq: 25 Aug 2023 10:30

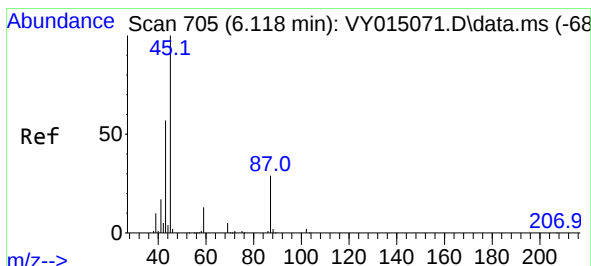
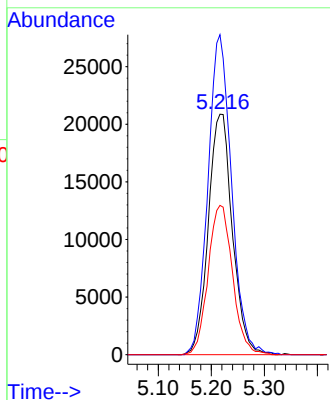
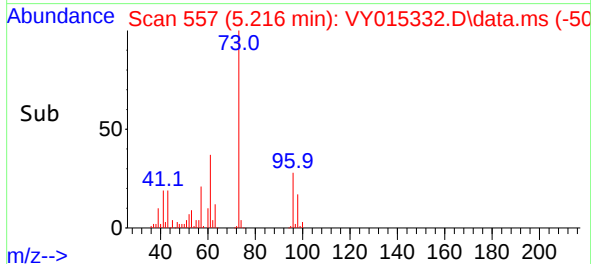
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



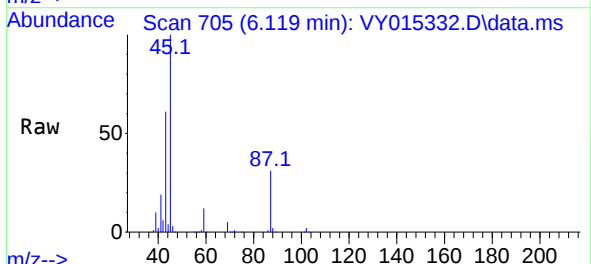
Tgt Ion: 96 Resp: 6580
Ion Ratio Lower Upper
96 100
61 133.0 110.2 165.4
98 62.1 51.8 77.6

Manual Integrations
APPROVED

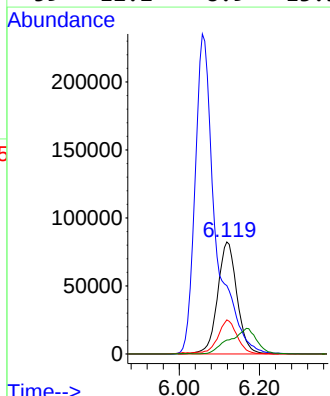
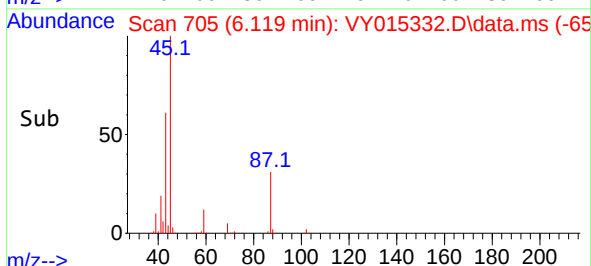
Reviewed By :Mahesh Dadoda 08/28/2023
Supervised By :Semsettin Yesilyurt 08/28/2023

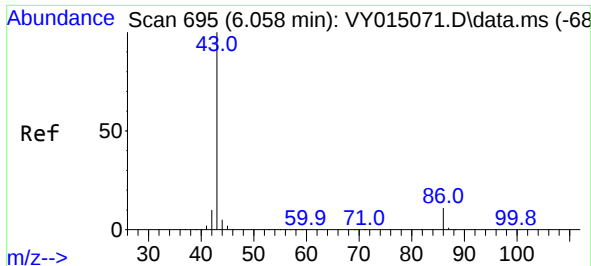


#22
Diisopropyl ether
Concen: 52.967 ug/l
RT: 6.119 min Scan# 705
Delta R.T. 0.006 min
Lab File: VY015332.D
Acq: 25 Aug 2023 10:30



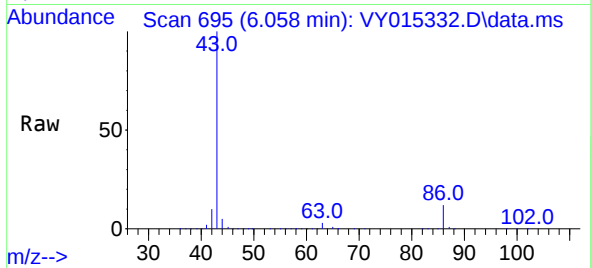
Tgt Ion: 45 Resp: 276054
Ion Ratio Lower Upper
45 100
43 60.4 52.2 78.4
87 30.5 21.0 31.6
59 12.2 8.9 13.3





#23
Vinyl Acetate
Concen: 268.154 ug/l
RT: 6.058 min Scan# 695
Delta R.T. 0.006 min
Lab File: VY015332.D
Acq: 25 Aug 2023 10:30

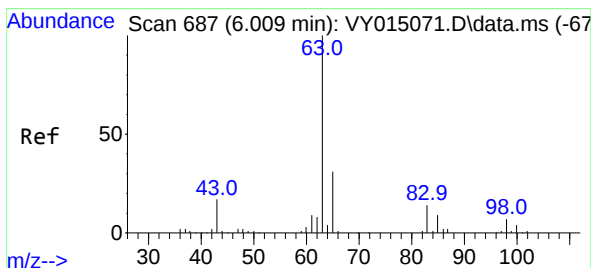
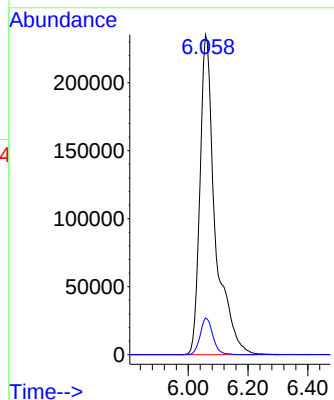
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 83392
Ion Ratio Lower Upper
43 100
86 11.5 7.5 11.3

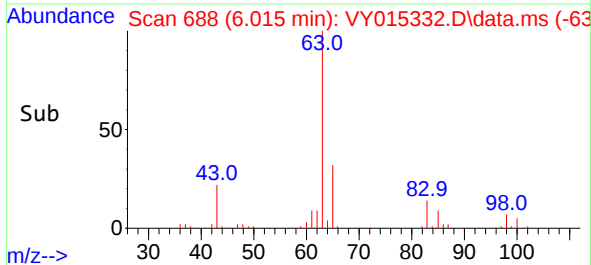
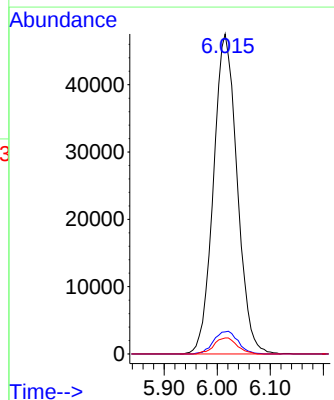
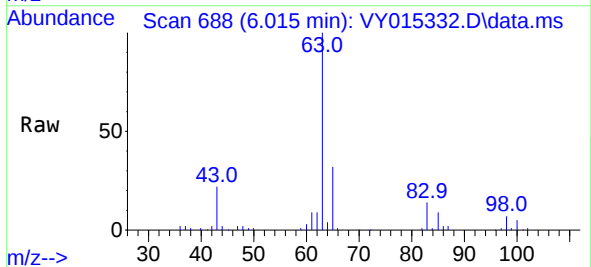
Manual Integrations
APPROVED

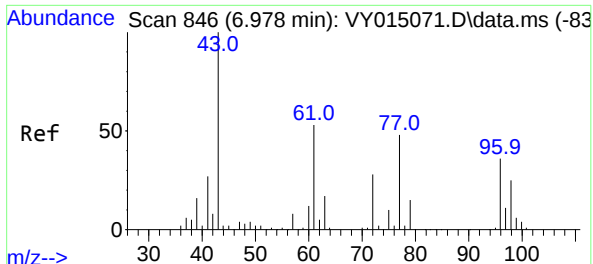
Reviewed By :Mahesh Dadoda 08/28/2023
Supervised By :Semsettin Yesilyurt 08/28/2023



#24
1,1-Dichloroethane
Concen: 52.299 ug/l
RT: 6.015 min Scan# 688
Delta R.T. 0.006 min
Lab File: VY015332.D
Acq: 25 Aug 2023 10:30

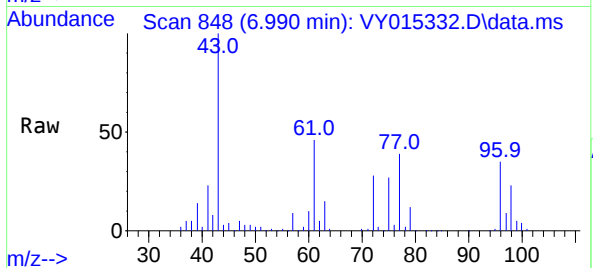
Tgt Ion: 63 Resp: 147569
Ion Ratio Lower Upper
63 100
98 6.9 3.1 9.4
100 5.0 1.8 5.5





#25
2-Butanone
Concen: 291.426 ug/l
RT: 6.990 min Scan# 848
Delta R.T. 0.012 min
Lab File: VY015332.D
Acq: 25 Aug 2023 10:30

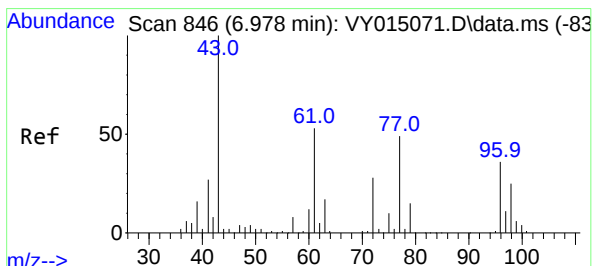
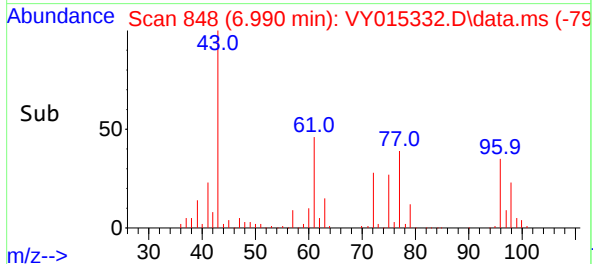
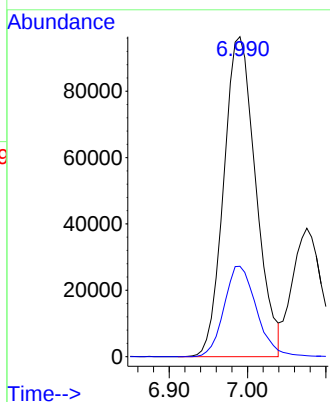
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 273950
Ion Ratio Lower Upper
43 100
72 28.3 20.5 30.7

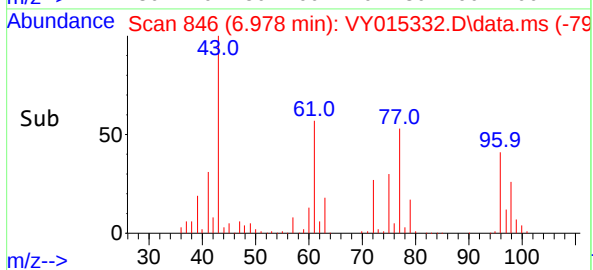
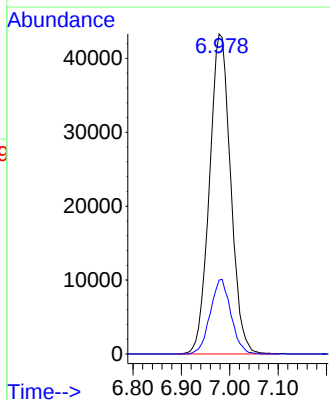
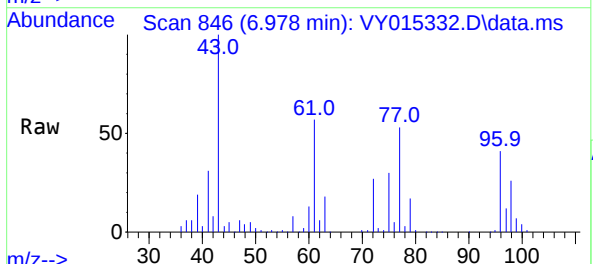
Manual Integrations
APPROVED

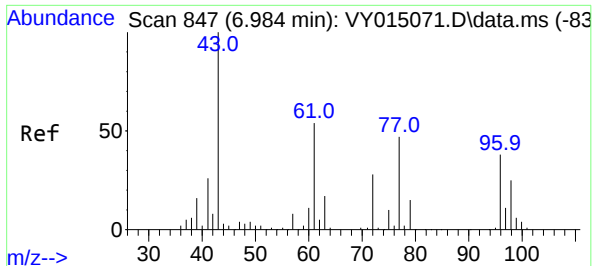
Reviewed By :Mahesh Dadoda 08/28/2023
Supervised By :Semsettin Yesilyurt 08/28/2023



#26
2,2-Dichloropropane
Concen: 48.454 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.006 min
Lab File: VY015332.D
Acq: 25 Aug 2023 10:30

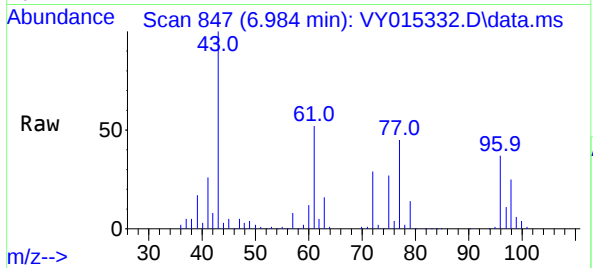
Tgt Ion: 77 Resp: 131800
Ion Ratio Lower Upper
77 100
97 22.7 10.9 32.9





#27
 cis-1,2-Dichloroethene
 Concen: 52.661 ug/l
 RT: 6.984 min Scan# 847
 Delta R.T. 0.006 min
 Lab File: VY015332.D
 Acq: 25 Aug 2023 10:30

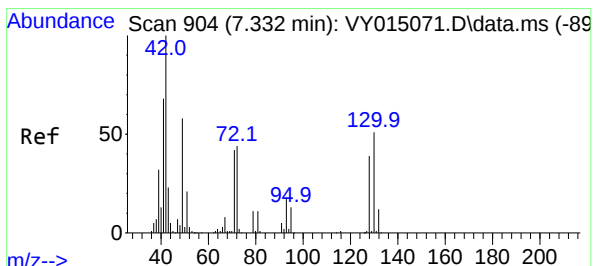
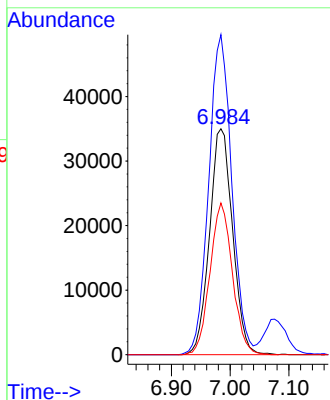
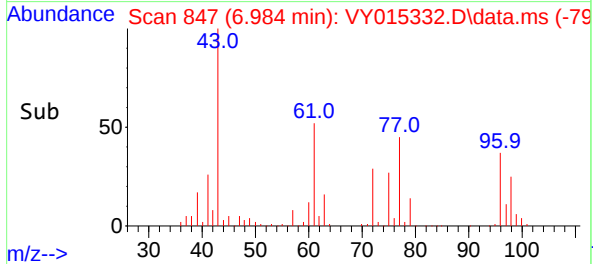
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050



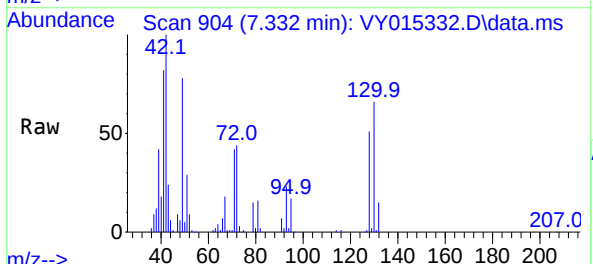
Tgt Ion: 96 Resp: 95592
 Ion Ratio Lower Upper
 96 100
 61 141.2 0.0 301.4
 98 65.3 0.0 130.4

Manual Integrations
 APPROVED

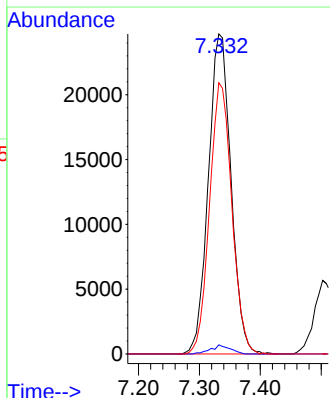
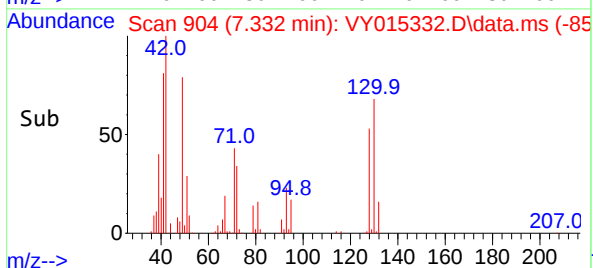
Reviewed By :Mahesh Dadoda 08/28/2023
 Supervised By :Semsettin Yesilyurt 08/28/2023

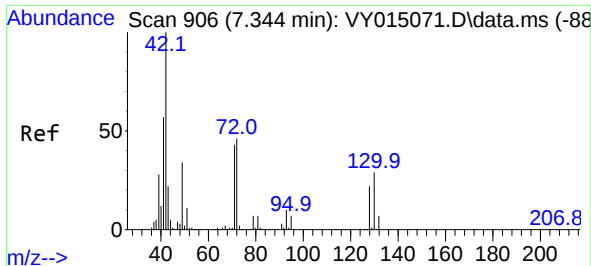


#28
 Bromochloromethane
 Concen: 49.149 ug/l
 RT: 7.332 min Scan# 904
 Delta R.T. 0.000 min
 Lab File: VY015332.D
 Acq: 25 Aug 2023 10:30



Tgt Ion: 49 Resp: 63714
 Ion Ratio Lower Upper
 49 100
 129 2.4 0.0 4.6
 130 83.3 60.7 91.1





#29

Tetrahydrofuran

Concen: 287.729 ug/l

RT: 7.350 min Scan# 906

Delta R.T. 0.006 min

Lab File: VY015332.D

Acq: 25 Aug 2023 10:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

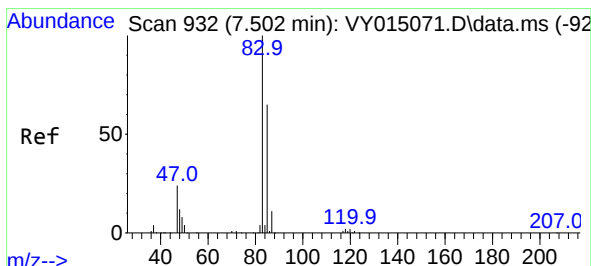
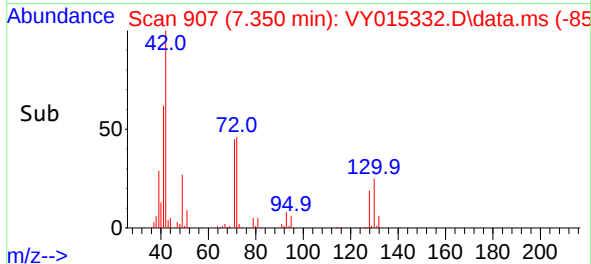
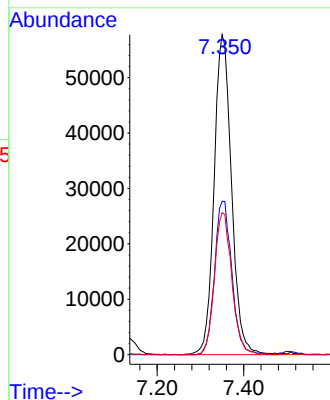
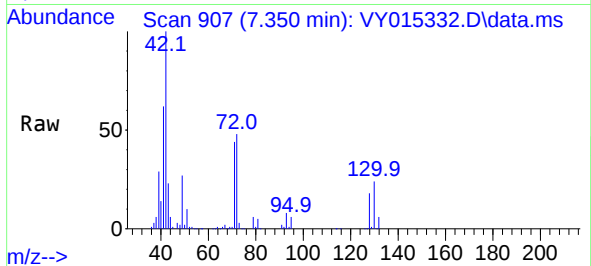
Tgt Ion: 42 Resp: 16173

Ion	Ratio	Lower	Upper
42	100		
72	47.6	32.8	49.2
71	44.2	31.0	46.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/28/2023
Supervised By :Semsettin Yesilyurt 08/28/2023



#30

Chloroform

Concen: 54.089 ug/l

RT: 7.502 min Scan# 932

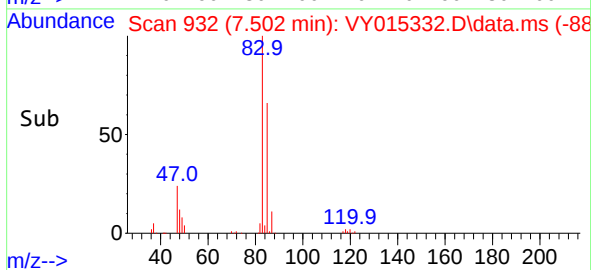
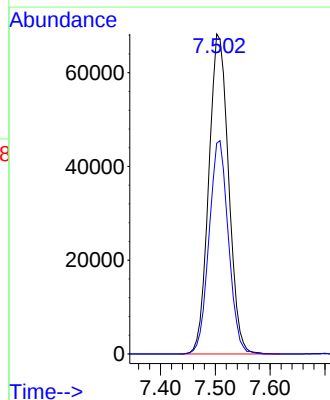
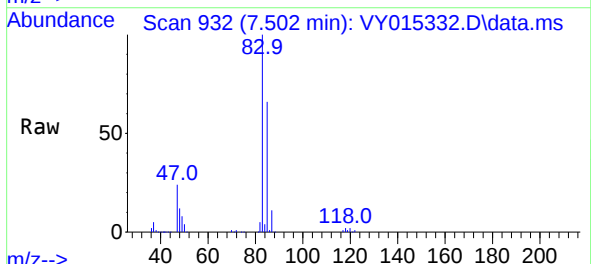
Delta R.T. 0.000 min

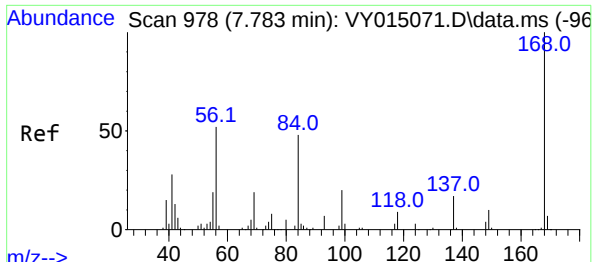
Lab File: VY015332.D

Acq: 25 Aug 2023 10:30

Tgt Ion: 83 Resp: 171090

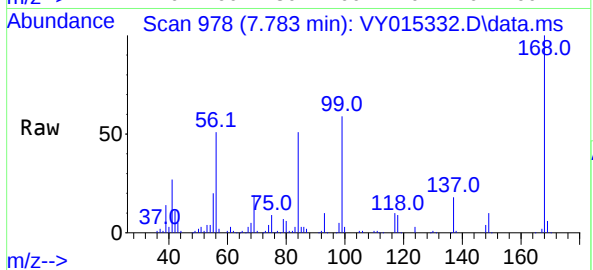
Ion	Ratio	Lower	Upper
83	100		
85	65.9	49.7	74.5





#31
Cyclohexane
Concen: 48.194 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015332.D
Acq: 25 Aug 2023 10:30

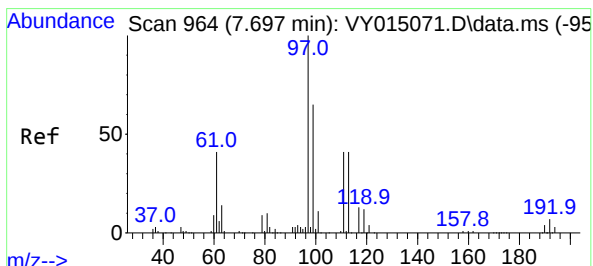
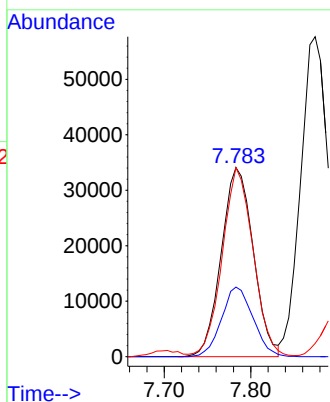
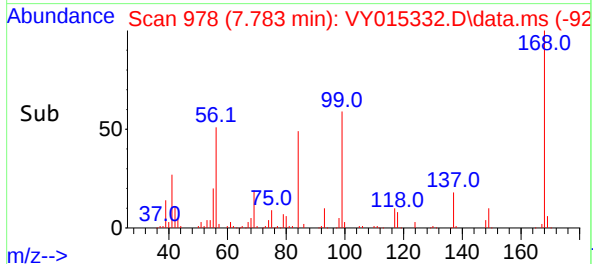
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



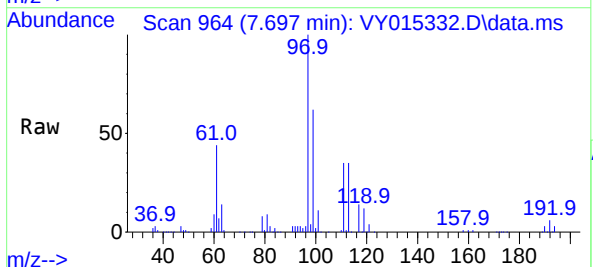
Tgt Ion: 56 Resp: 87654
Ion Ratio Lower Upper
56 100
69 36.8 27.8 41.6
84 97.3 66.4 99.6

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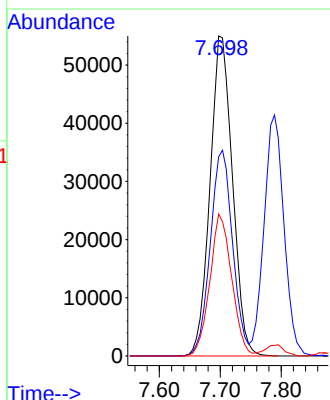
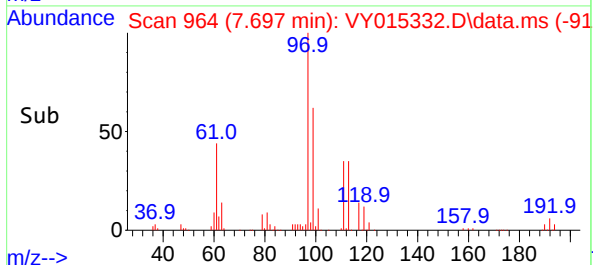
Reviewed By :Mahesh Dadoda 08/28/2023
Supervised By :Semsettin Yesilyurt 08/28/2023

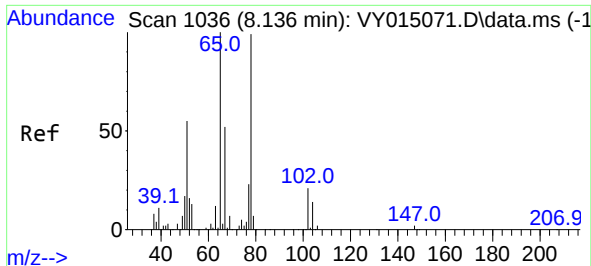


#32
1,1,1-Trichloroethane
Concen: 52.246 ug/l
RT: 7.697 min Scan# 964
Delta R.T. 0.000 min
Lab File: VY015332.D
Acq: 25 Aug 2023 10:30



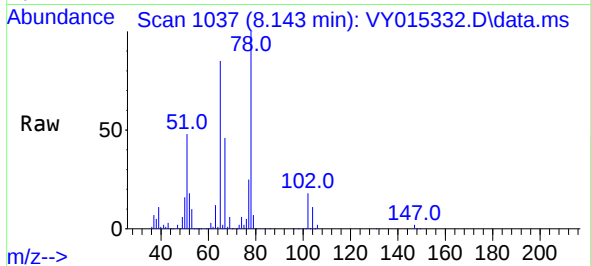
Tgt Ion: 97 Resp: 140629
Ion Ratio Lower Upper
97 100
99 64.0 50.8 76.2
61 43.1 35.1 52.7





#33
1,2-Dichloroethane-d4
Concen: 57.076 ug/l
RT: 8.143 min Scan# 1036
Delta R.T. 0.006 min
Lab File: VY015332.D
Acq: 25 Aug 2023 10:30

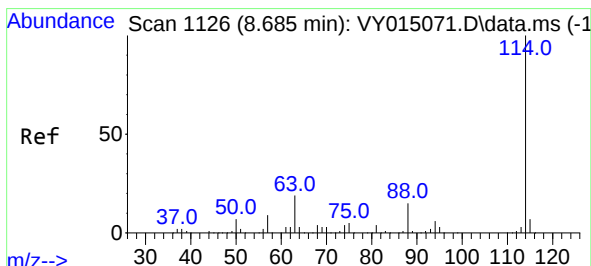
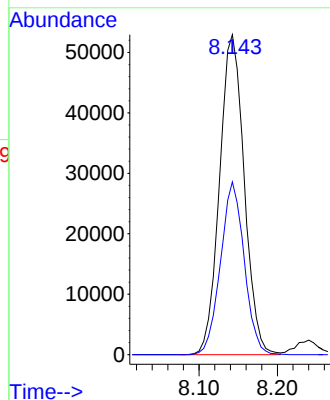
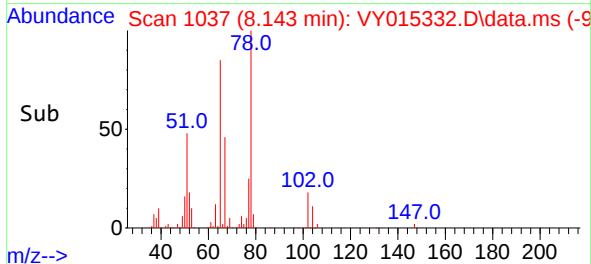
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



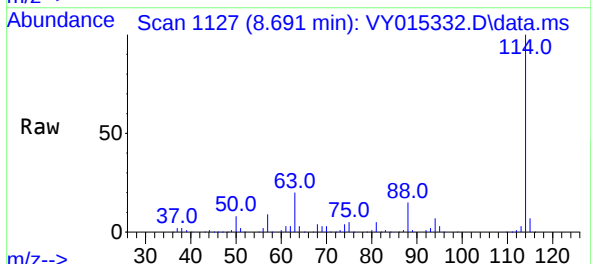
Tgt Ion: 65 Resp: 115990
Ion Ratio Lower Upper
65 100
67 51.8 0.0 101.8

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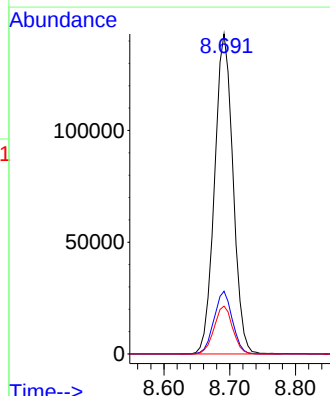
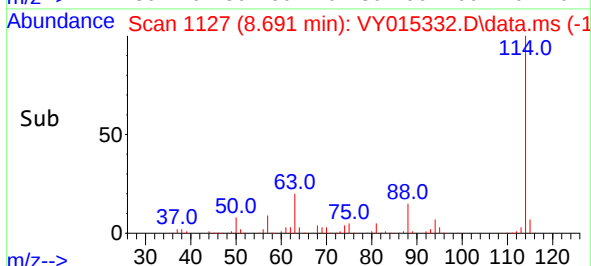
Reviewed By :Mahesh Dadoda 08/28/2023
Supervised By :Semsettin Yesilyurt 08/28/2023

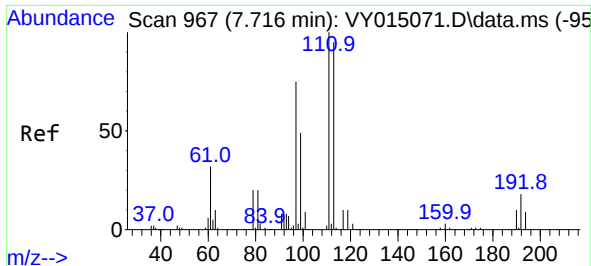


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VY015332.D
Acq: 25 Aug 2023 10:30



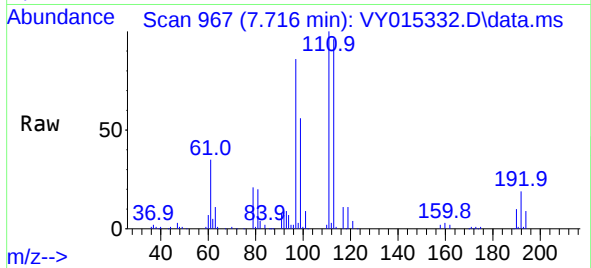
Tgt Ion:114 Resp: 279156
Ion Ratio Lower Upper
114 100
63 19.6 0.0 42.4
88 15.0 0.0 30.6





#35
Dibromofluoromethane
Concen: 57.136 ug/l
RT: 7.716 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY015332.D
Acq: 25 Aug 2023 10:30

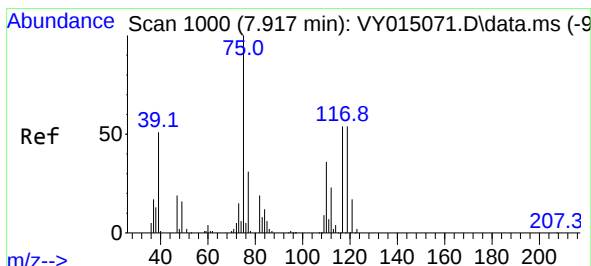
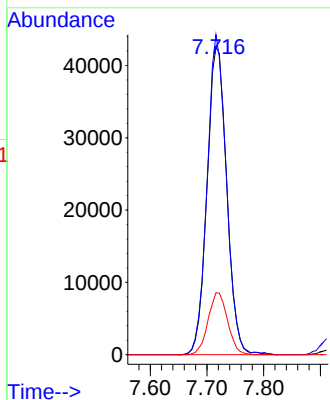
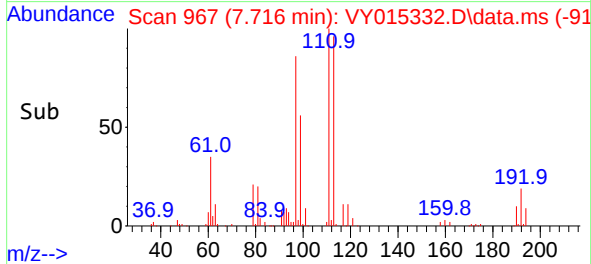
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



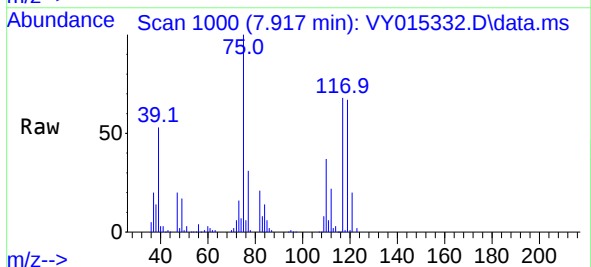
Tgt Ion:113 Resp: 10261
Ion Ratio Lower Upper
113 100
111 101.8 81.3 121.9
192 19.9 16.9 25.3

Manual Integrations
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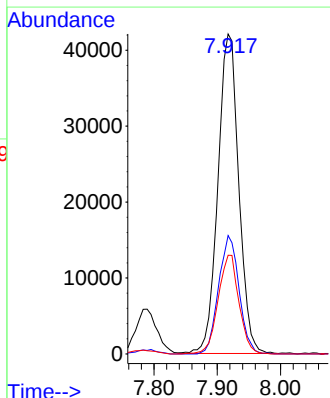
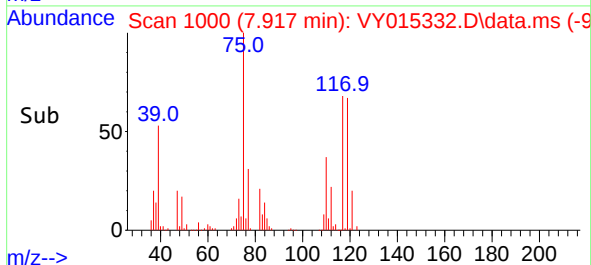
Reviewed By :Mahesh Dadoda 08/28/2023
Supervised By :Semsettin Yesilyurt 08/28/2023

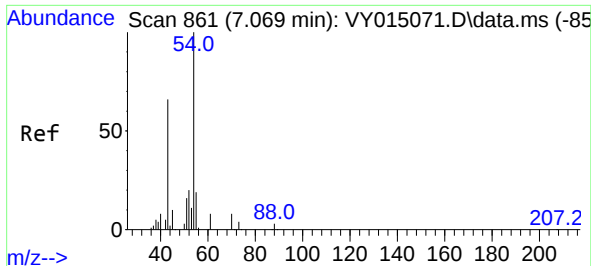


#36
1,1-Dichloropropene
Concen: 48.306 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.006 min
Lab File: VY015332.D
Acq: 25 Aug 2023 10:30



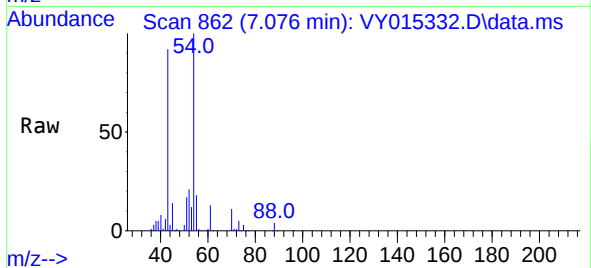
Tgt Ion: 75 Resp: 95977
Ion Ratio Lower Upper
75 100
110 36.5 17.8 53.5
77 31.0 24.4 36.6





#37
Ethyl Acetate
Concen: 56.972 ug/l
RT: 7.076 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY015332.D
Acq: 25 Aug 2023 10:30

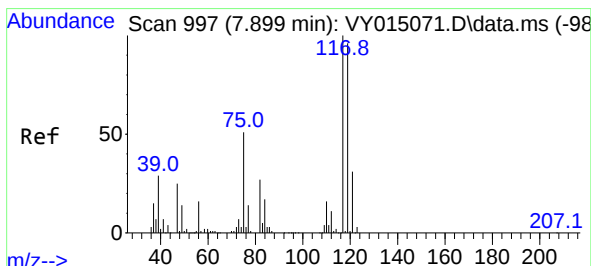
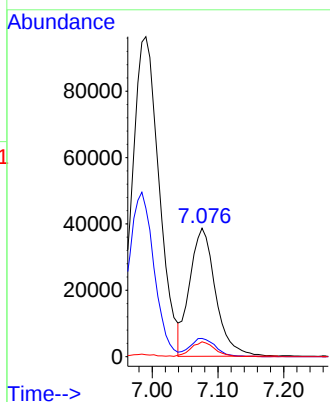
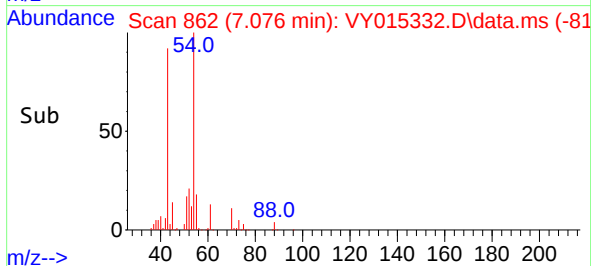
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 10551
Ion Ratio Lower Upper
43 100
61 14.4 10.1 15.1
70 10.8 7.1 10.7

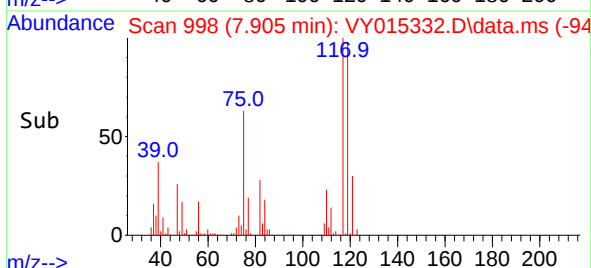
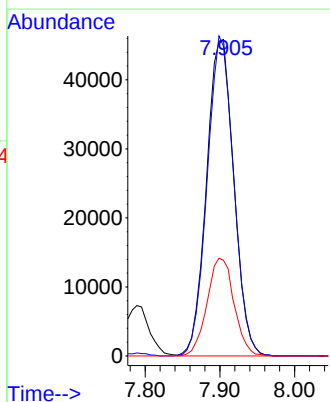
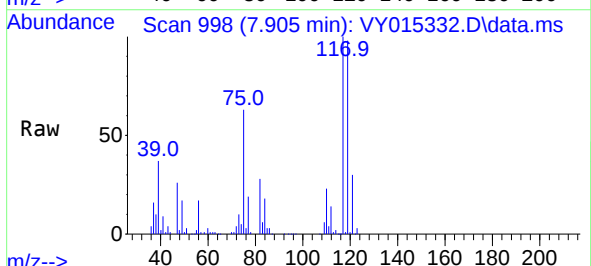
Manual Integrations
APPROVED

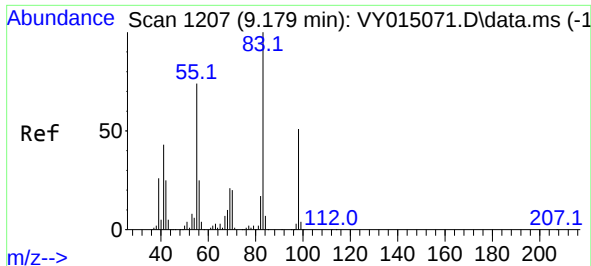
Reviewed By :Mahesh Dadoda 08/28/2023
Supervised By :Semsettin Yesilyurt 08/28/2023



#38
Carbon Tetrachloride
Concen: 49.620 ug/l
RT: 7.905 min Scan# 998
Delta R.T. 0.006 min
Lab File: VY015332.D
Acq: 25 Aug 2023 10:30

Tgt Ion:117 Resp: 116677
Ion Ratio Lower Upper
117 100
119 97.9 76.4 114.6
121 30.3 25.8 38.6





#39

Methylcyclohexane

Concen: 46.109 ug/l

RT: 9.185 min Scan# 10269

Delta R.T. 0.006 min

Lab File: VY015332.D

Acq: 25 Aug 2023 10:30

Instrument :

MSVOA_Y

ClientSampleId :

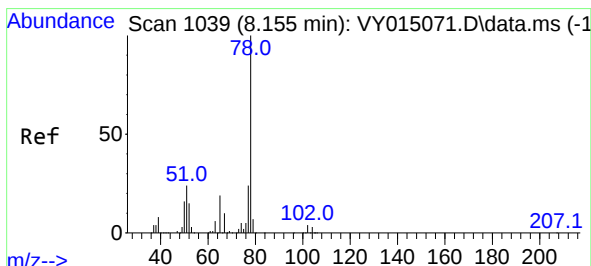
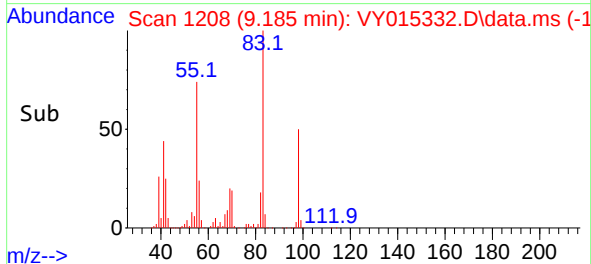
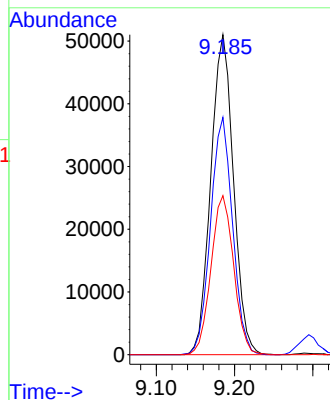
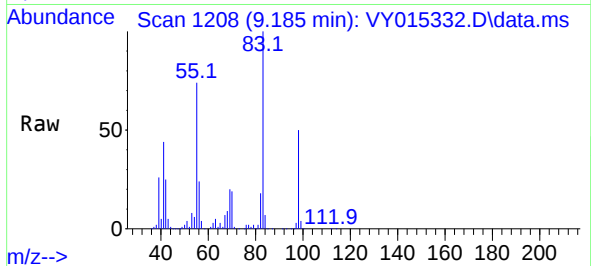
VSTDCCC050

Tgt Ion: 83	Resp: 10269
Ion Ratio	Lower Upper
83	100
55	74.1 63.0 94.4
98	49.7 37.4 56.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/28/2023
Supervised By :Semsettin Yesilyurt 08/28/2023



#40

Benzene

Concen: 50.994 ug/l

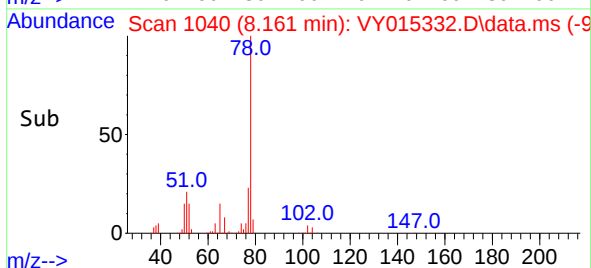
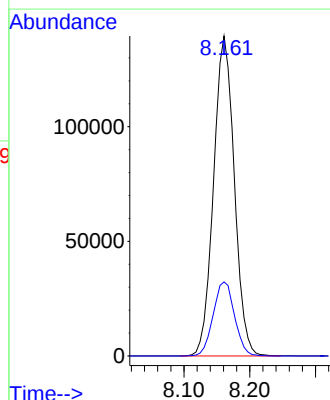
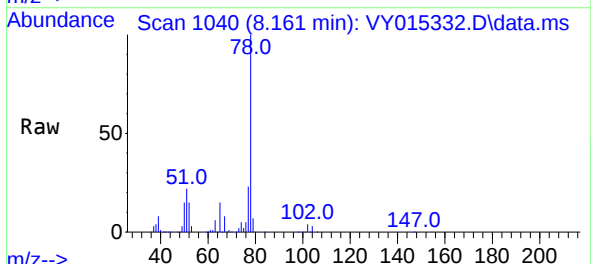
RT: 8.161 min Scan# 1040

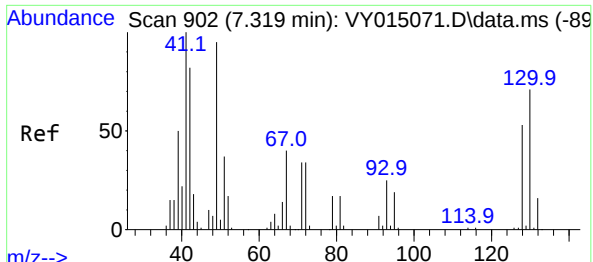
Delta R.T. 0.006 min

Lab File: VY015332.D

Acq: 25 Aug 2023 10:30

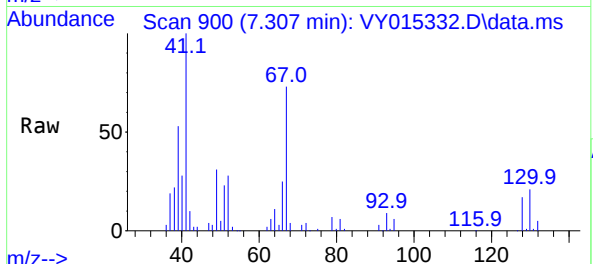
Tgt Ion: 78	Resp: 306320
Ion Ratio	Lower Upper
78	100
77	23.2 19.0 28.6





#41
Methacrylonitrile
Concen: 52.701 ug/l m
RT: 7.307 min Scan# 902
Delta R.T. 0.000 min
Lab File: VY015332.D
Acq: 25 Aug 2023 10:30

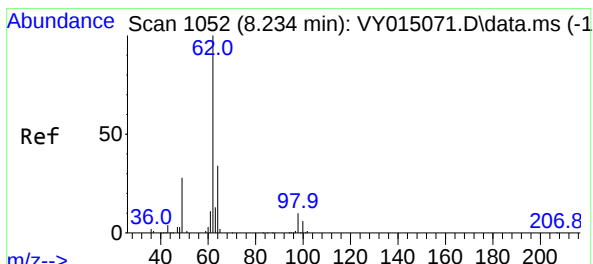
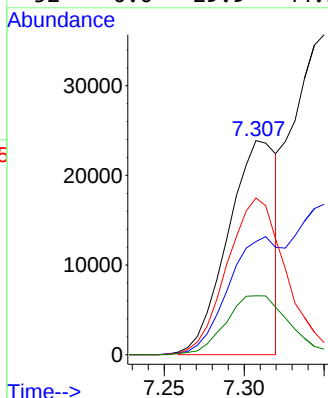
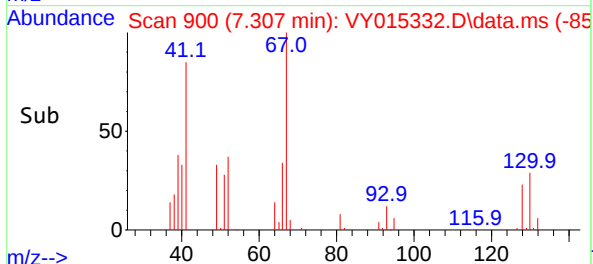
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 50328
Ion Ratio Lower Upper
41 100
39 86.8 52.1 78.1
67 0.0 66.2 99.2
52 0.0 29.9 44.9

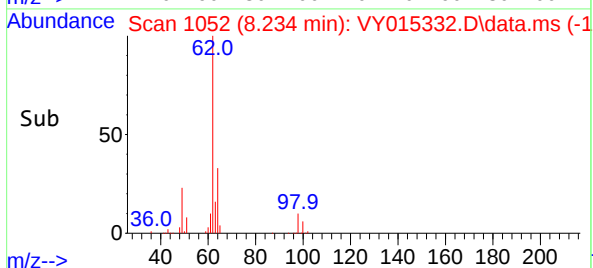
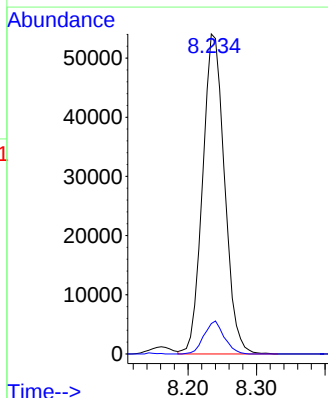
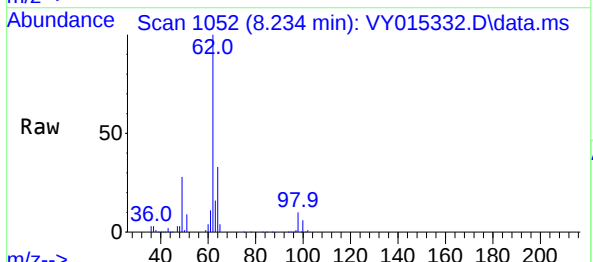
Manual Integrations
APPROVED

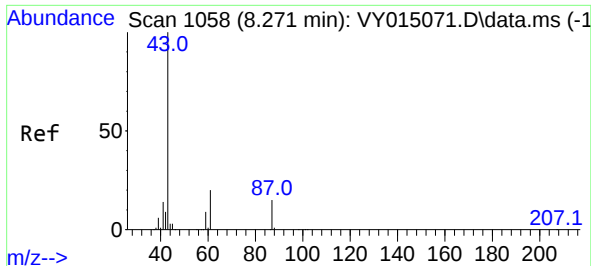
Reviewed By :Mahesh Dadoda 08/28/2023
Supervised By :Semsettin Yesilyurt 08/28/2023



#42
1,2-Dichloroethane
Concen: 55.157 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VY015332.D
Acq: 25 Aug 2023 10:30

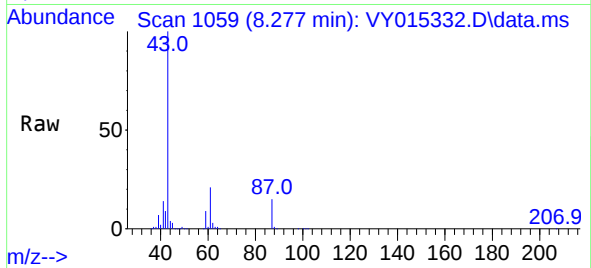
Tgt Ion: 62 Resp: 120328
Ion Ratio Lower Upper
62 100
98 9.4 0.0 15.8





#43
Isopropyl Acetate
Concen: 55.856 ug/l
RT: 8.277 min Scan# 1059
Delta R.T. 0.006 min
Lab File: VY015332.D
Acq: 25 Aug 2023 10:30

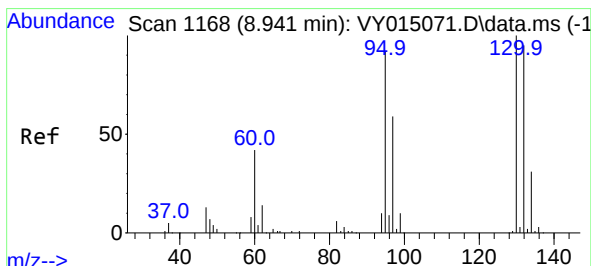
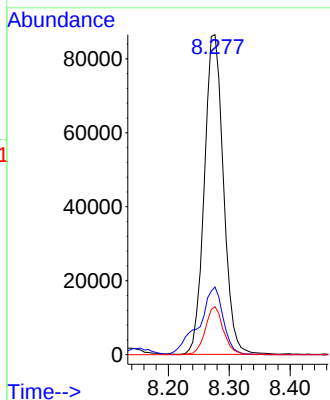
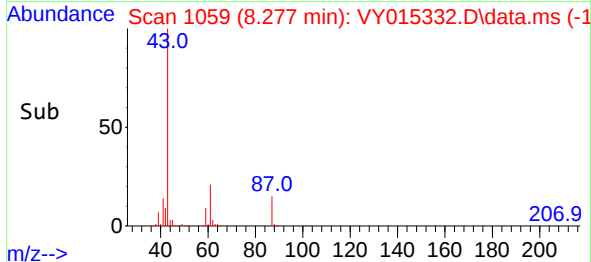
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 188378
Ion Ratio Lower Upper
43 100
61 27.0 21.1 31.7
87 14.2 9.8 14.8

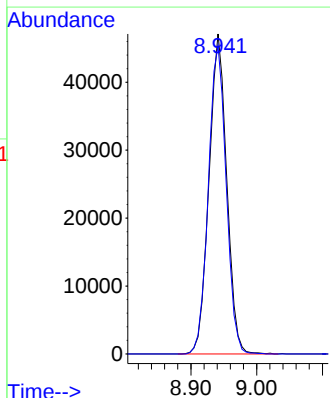
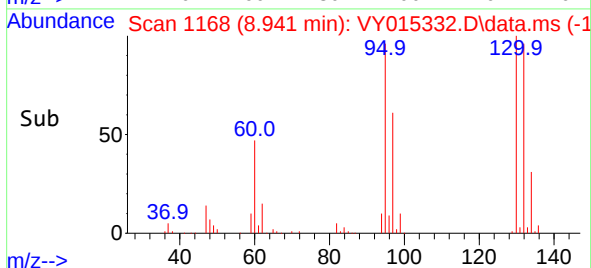
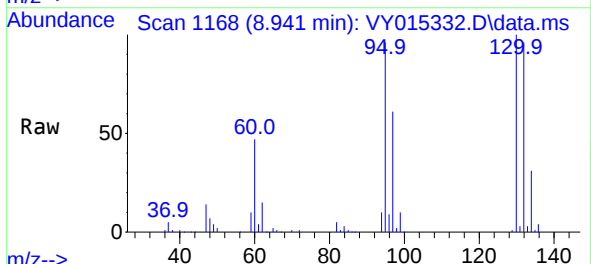
Manual Integrations
APPROVED

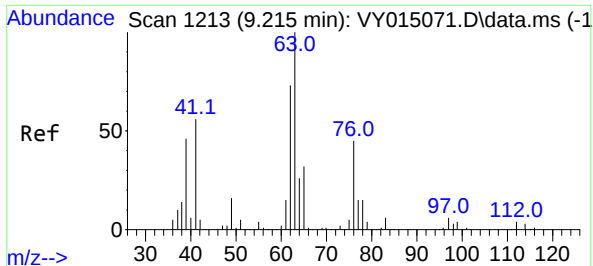
Reviewed By :Mahesh Dadoda 08/28/2023
Supervised By :Semsettin Yesilyurt 08/28/2023



#44
Trichloroethene
Concen: 51.099 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.006 min
Lab File: VY015332.D
Acq: 25 Aug 2023 10:30

Tgt Ion:130 Resp: 88430
Ion Ratio Lower Upper
130 100
95 96.4 0.0 196.0





#45

1,2-Dichloropropane

Concen: 52.432 ug/l

RT: 9.216 min Scan# 1213

Delta R.T. 0.006 min

Lab File: VY015332.D

Acq: 25 Aug 2023 10:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 8881

Ion Ratio Lower Upper

63 100

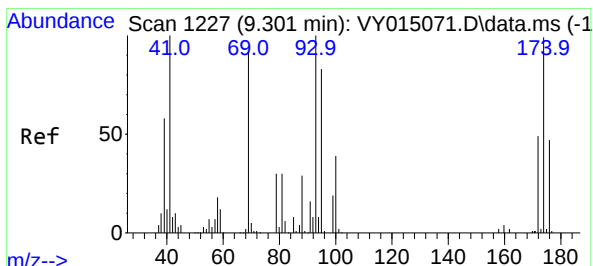
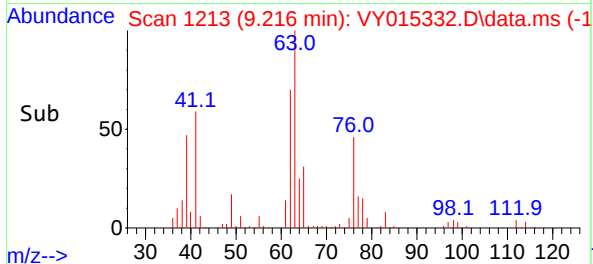
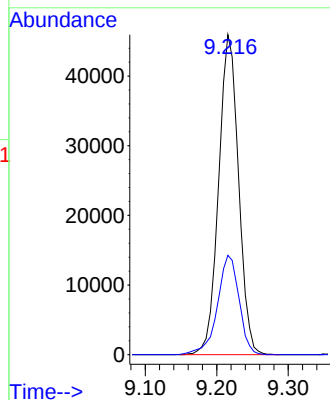
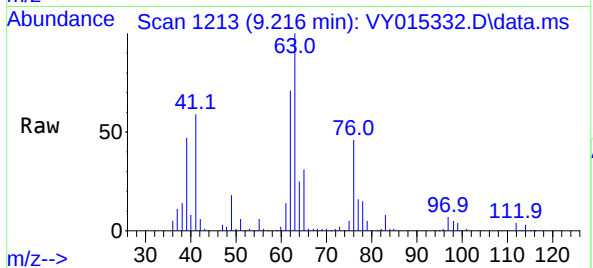
65 31.1 23.8 35.6

Manual Integrations

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Reviewed By :Mahesh Dadoda 08/28/2023

Supervised By :Semsettin Yesilyurt 08/28/2023



#46

Dibromomethane

Concen: 54.478 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.006 min

Lab File: VY015332.D

Acq: 25 Aug 2023 10:30

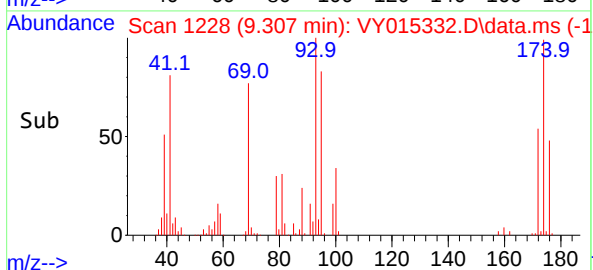
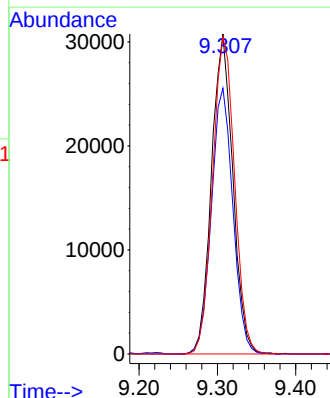
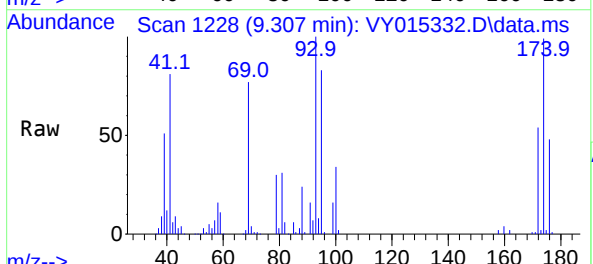
Tgt Ion: 93 Resp: 58200

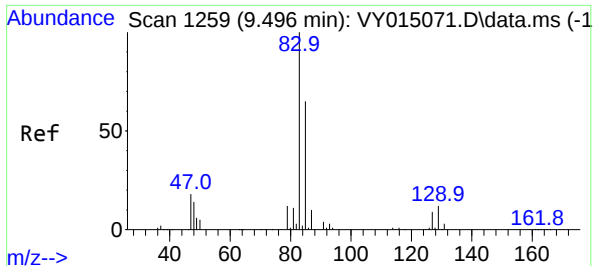
Ion Ratio Lower Upper

93 100

95 83.6 66.6 100.0

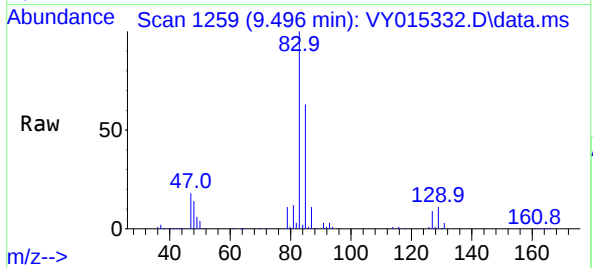
174 102.1 84.8 127.2





#47
Bromodichloromethane
Concen: 55.292 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY015332.D
Acq: 25 Aug 2023 10:30

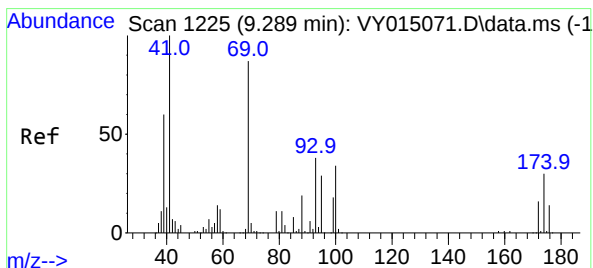
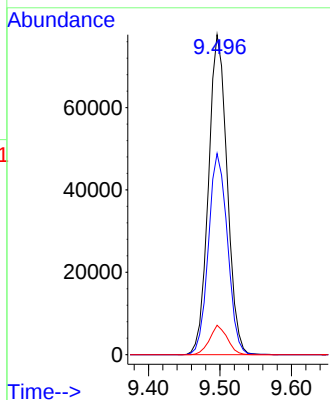
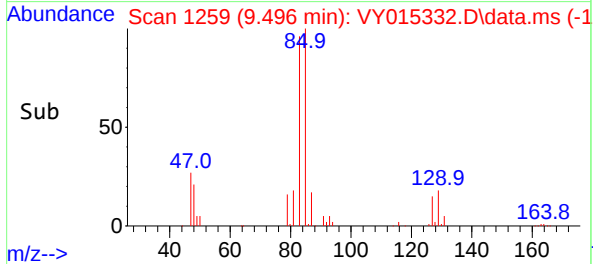
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



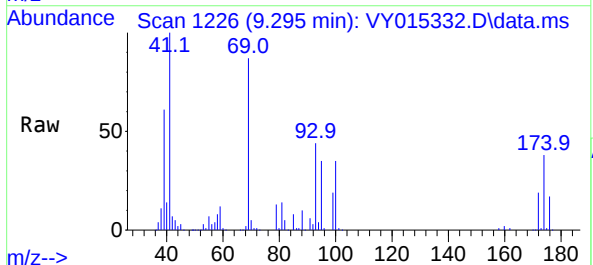
Tgt Ion: 83 Resp: 140950
Ion Ratio Lower Upper
83 100
85 62.8 50.1 75.1
127 9.2 7.1 10.7

Manual Integrations
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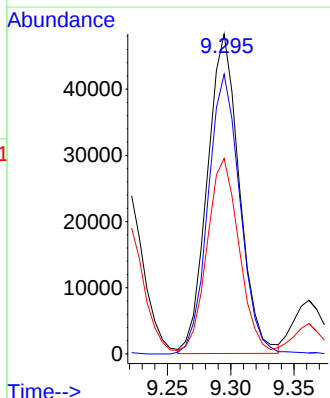
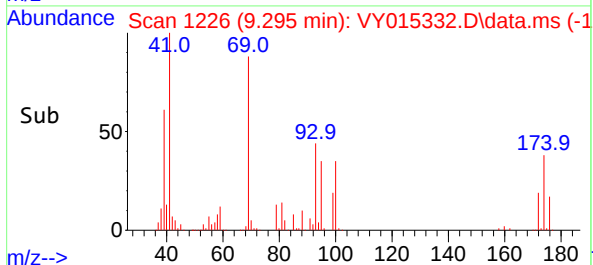
Reviewed By :Mahesh Dadoda 08/28/2023
Supervised By :Semsettin Yesilyurt 08/28/2023

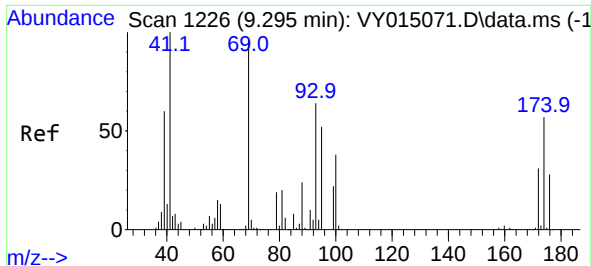


#48
Methyl methacrylate
Concen: 58.791 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.006 min
Lab File: VY015332.D
Acq: 25 Aug 2023 10:30



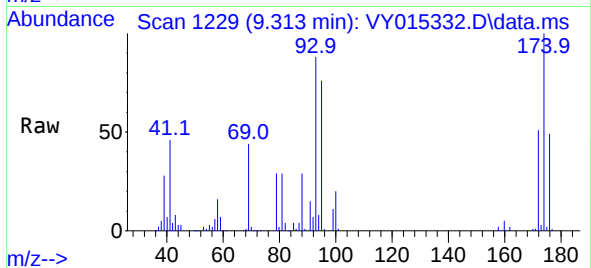
Tgt Ion: 41 Resp: 84818
Ion Ratio Lower Upper
41 100
69 87.9 64.5 96.7
39 61.1 50.8 76.2





#49
1,4-Dioxane
Concen: 1211.163 ug/l
RT: 9.313 min Scan# 1229
Delta R.T. 0.018 min
Lab File: VY015332.D
Acq: 25 Aug 2023 10:30

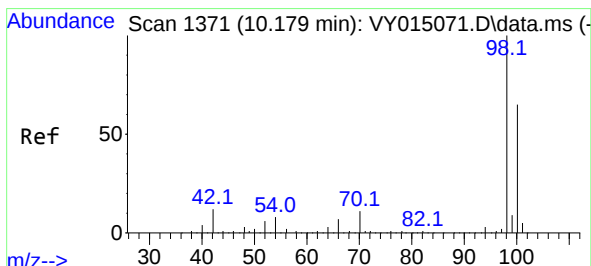
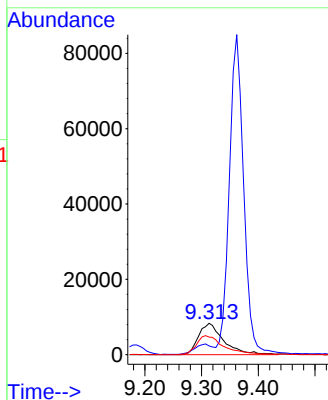
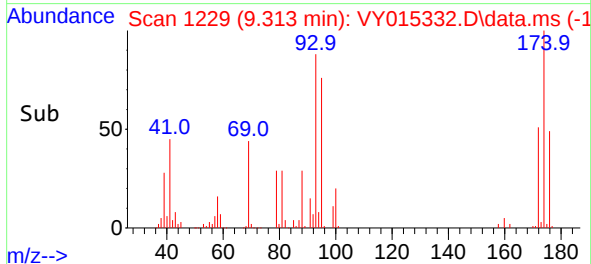
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



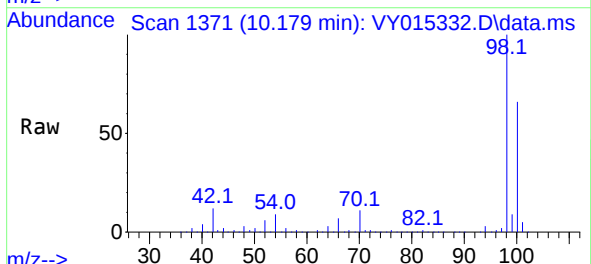
Tgt Ion: 88 Resp: 25874
Ion Ratio Lower Upper
88 100
43 24.6 0.0 0.0
58 65.1 30.9 46.3

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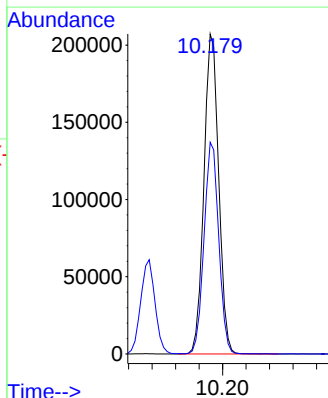
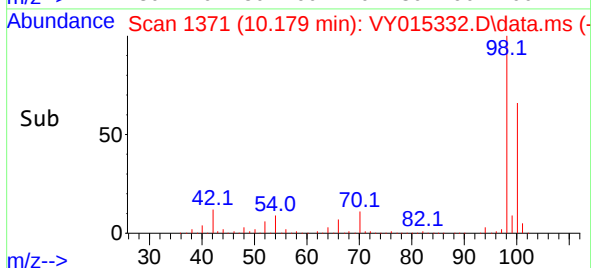
Reviewed By :Mahesh Dadoda 08/28/2023
Supervised By :Semsettin Yesilyurt 08/28/2023

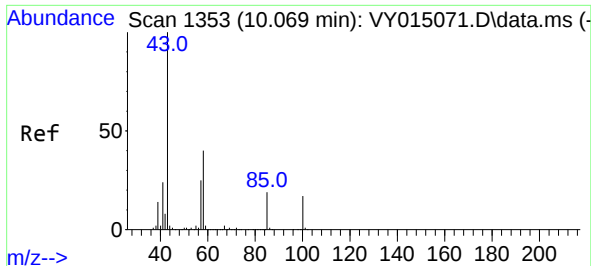


#50
Toluene-d8
Concen: 53.938 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY015332.D
Acq: 25 Aug 2023 10:30



Tgt Ion: 98 Resp: 360595
Ion Ratio Lower Upper
98 100
100 66.1 50.1 75.1





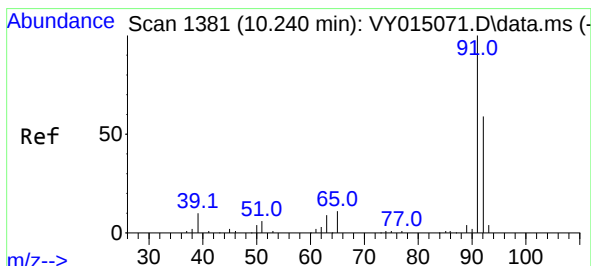
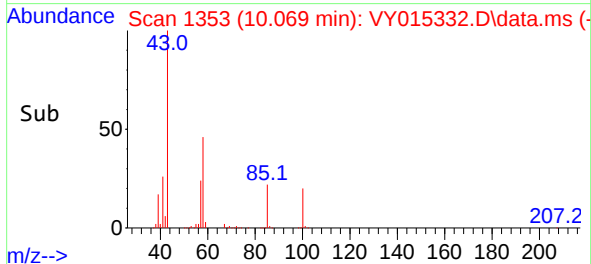
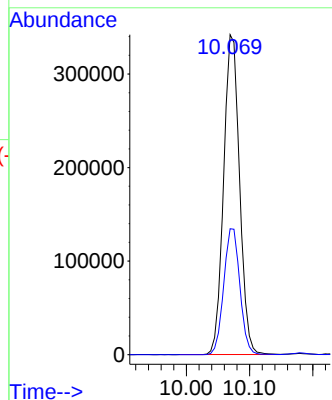
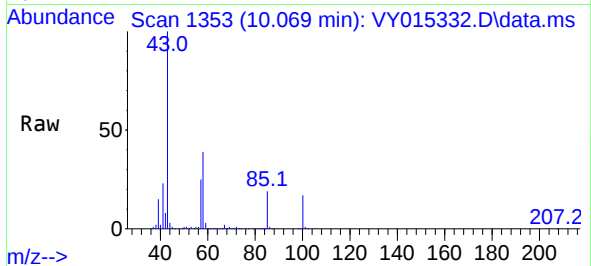
#51
4-Methyl-2-Pentanone
Concen: 305.519 ug/l
RT: 10.069 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015332.D
Acq: 25 Aug 2023 10:30

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 59716
Ion Ratio Lower Upper
43 100
58 39.9 29.0 43.6

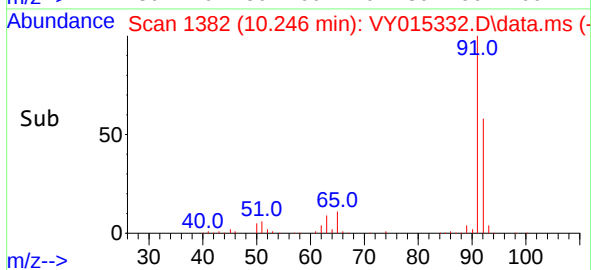
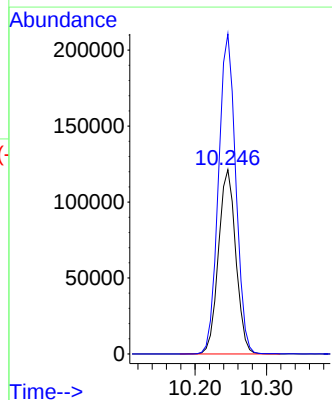
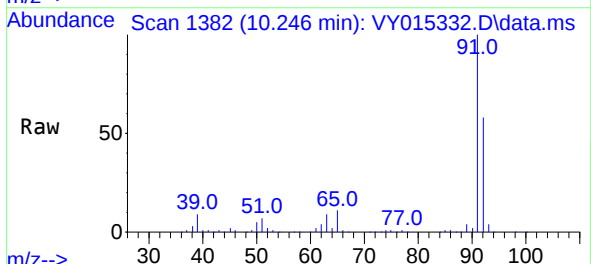
Manual Integrations
APPROVED

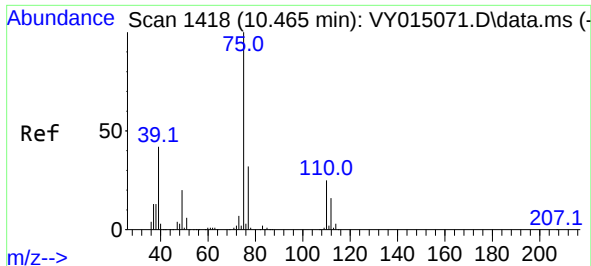
Reviewed By :Mahesh Dadoda 08/28/2023
Supervised By :Semsettin Yesilyurt 08/28/2023



#52
Toluene
Concen: 51.597 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.006 min
Lab File: VY015332.D
Acq: 25 Aug 2023 10:30

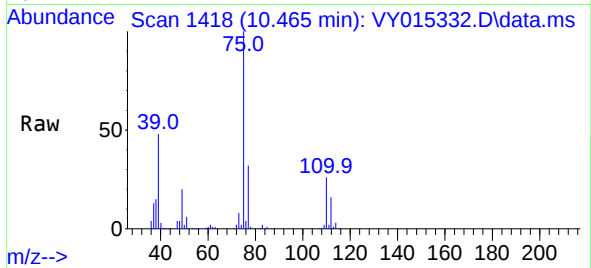
Tgt Ion: 92 Resp: 204286
Ion Ratio Lower Upper
92 100
91 172.8 143.8 215.6





#53
t-1,3-Dichloropropene
Concen: 54.266 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY015332.D
Acq: 25 Aug 2023 10:30

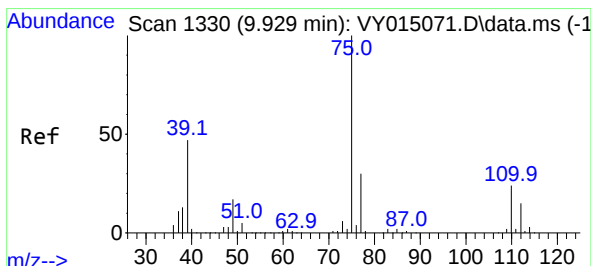
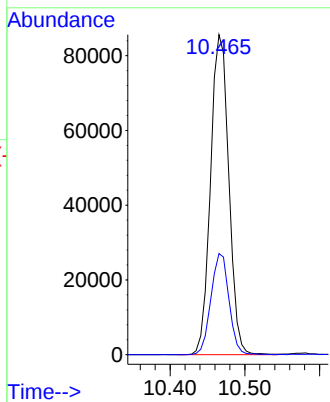
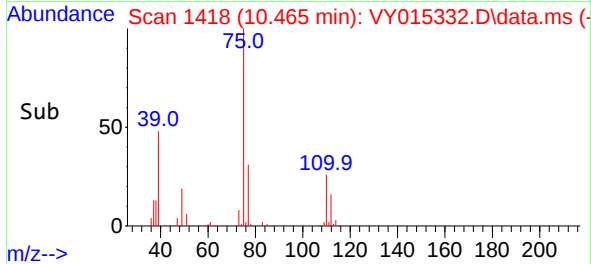
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



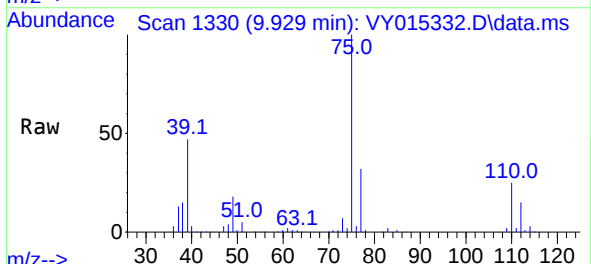
Tgt Ion: 75 Resp: 145389
Ion Ratio Lower Upper
75 100
77 31.6 25.0 37.4

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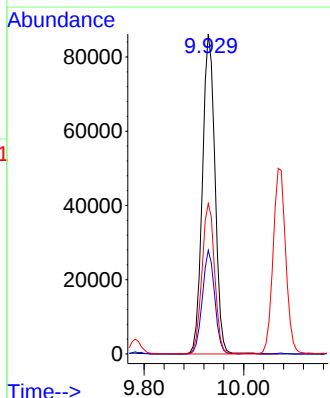
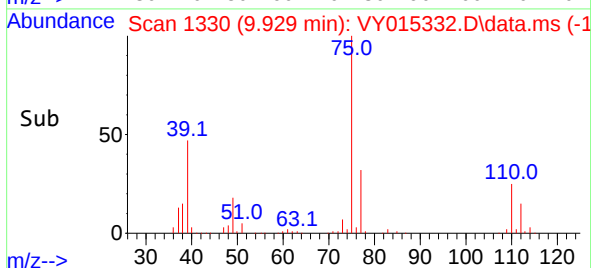
Reviewed By :Mahesh Dadoda 08/28/2023
Supervised By :Semsettin Yesilyurt 08/28/2023

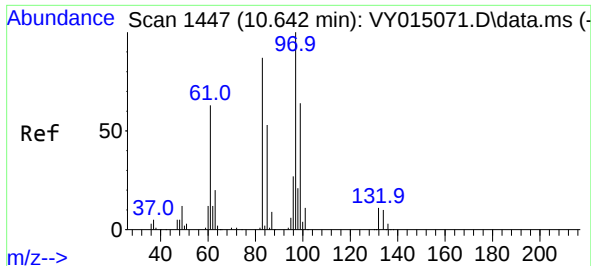


#54
cis-1,3-Dichloropropene
Concen: 53.466 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. 0.006 min
Lab File: VY015332.D
Acq: 25 Aug 2023 10:30



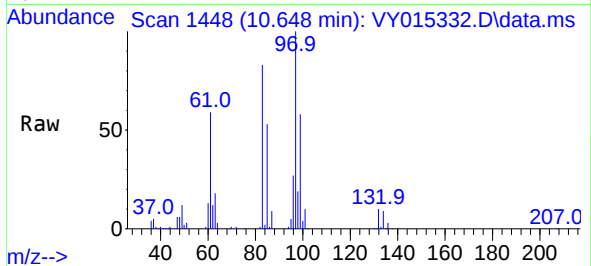
Tgt Ion: 75 Resp: 150860
Ion Ratio Lower Upper
75 100
77 32.4 24.2 36.4
39 46.9 42.2 63.4





#55
1,1,2-Trichloroethane
Concen: 55.972 ug/l
RT: 10.648 min Scan# 1447
Delta R.T. 0.006 min
Lab File: VY015332.D
Acq: 25 Aug 2023 10:30

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

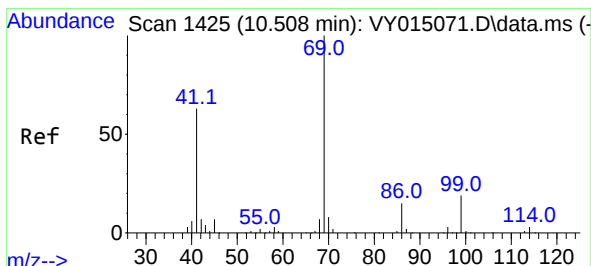
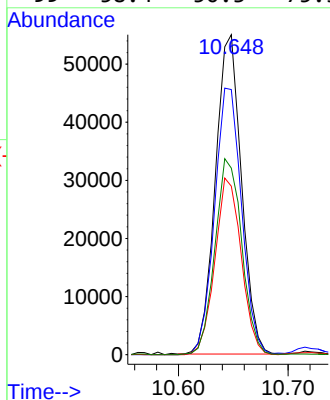
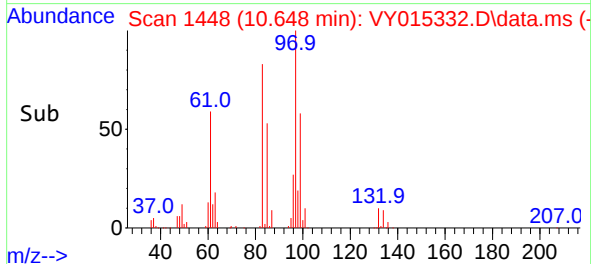


Tgt Ion: 97 Resp: 9092

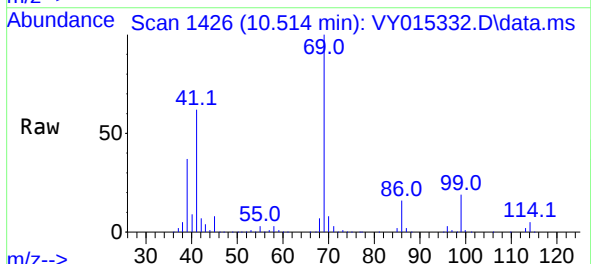
Ion	Ratio	Lower	Upper
97	100		
83	83.0	72.0	108.0
85	52.8	45.4	68.0
99	58.4	50.3	75.5

Manual Integrations
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Reviewed By :Mahesh Dadoda 08/28/2023
Supervised By :Semsettin Yesilyurt 08/28/2023

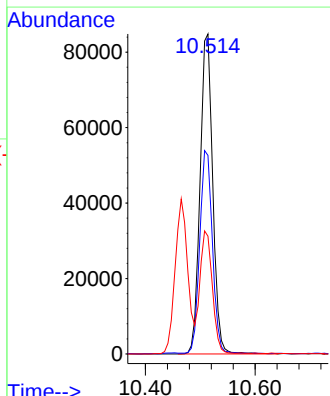
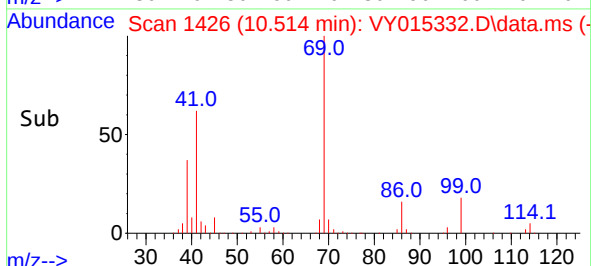


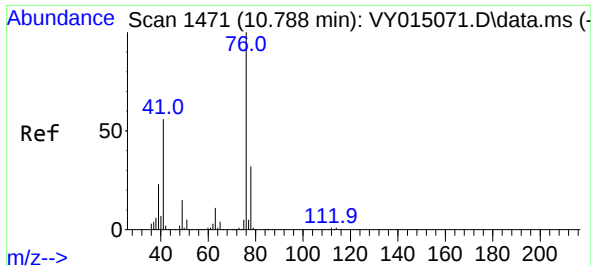
#56
Ethyl methacrylate
Concen: 57.146 ug/l
RT: 10.514 min Scan# 1426
Delta R.T. 0.006 min
Lab File: VY015332.D
Acq: 25 Aug 2023 10:30



Tgt Ion: 69 Resp: 135853

Ion	Ratio	Lower	Upper
69	100		
41	63.3	57.6	86.4
39	37.2	34.1	51.1





#57

1,3-Dichloropropane

Concen: 55.712 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY015332.D

Acq: 25 Aug 2023 10:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 14785

Ion Ratio Lower Upper

76 100

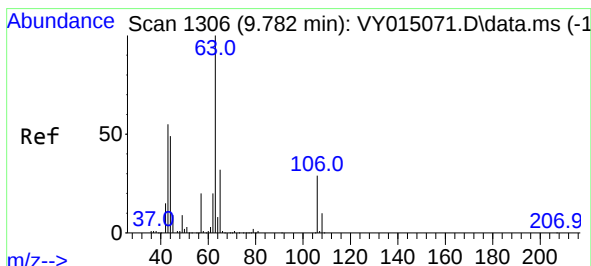
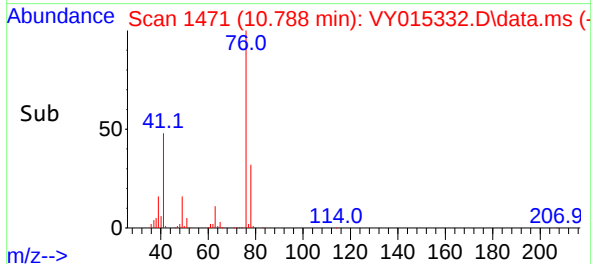
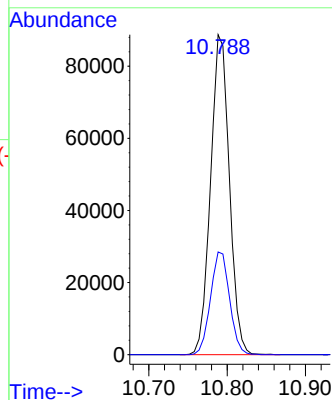
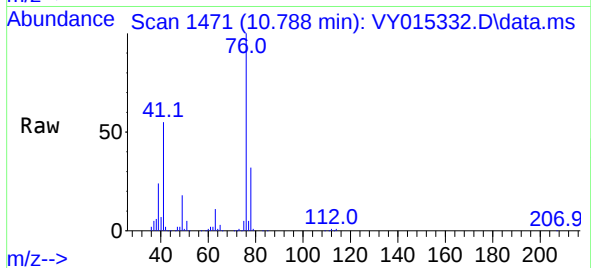
78 32.5 25.3 37.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/28/2023

Supervised By :Semsettin Yesilyurt 08/28/2023



#58

2-Chloroethyl Vinyl ether

Concen: 246.608 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. 0.006 min

Lab File: VY015332.D

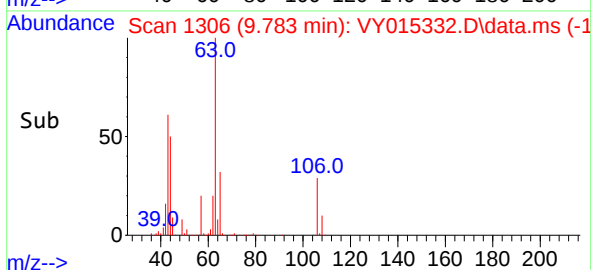
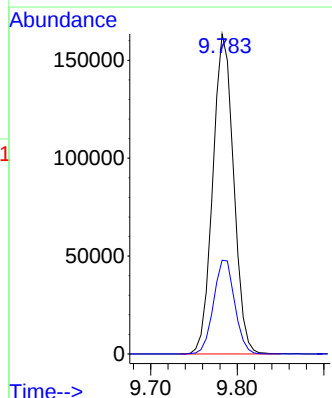
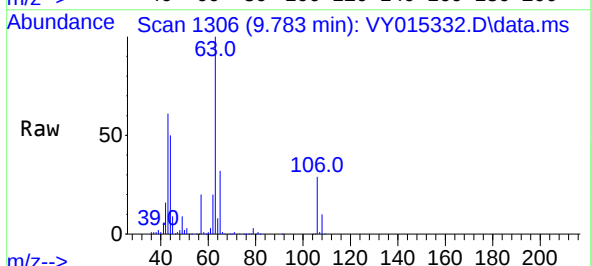
Acq: 25 Aug 2023 10:30

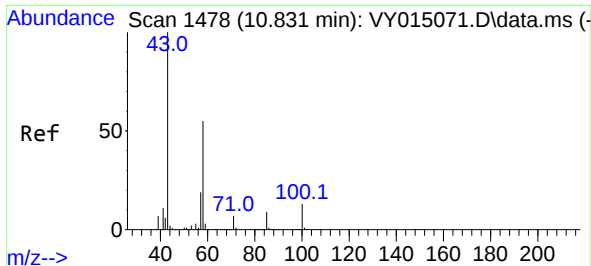
Tgt Ion: 63 Resp: 272834

Ion Ratio Lower Upper

63 100

106 29.7 21.2 31.8





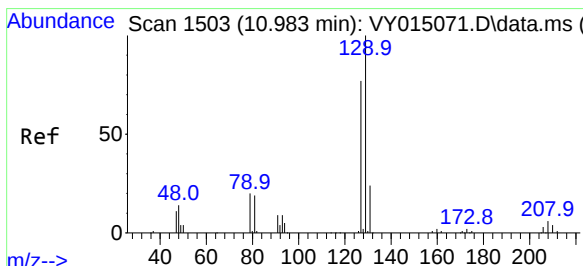
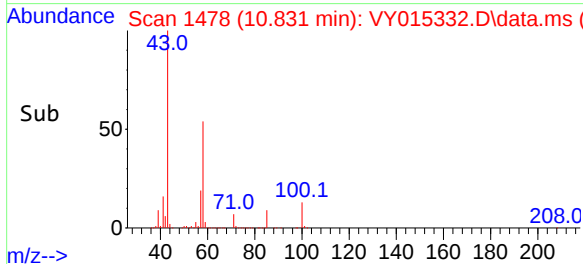
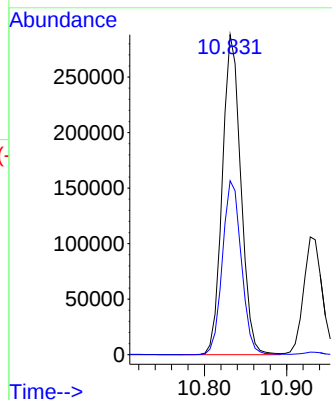
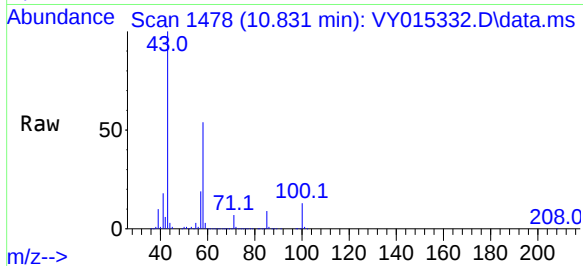
#59
2-Hexanone
Concen: 311.616 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY015332.D
Acq: 25 Aug 2023 10:30

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 45078
Ion Ratio Lower Upper
43 100
58 55.5 25.1 75.3

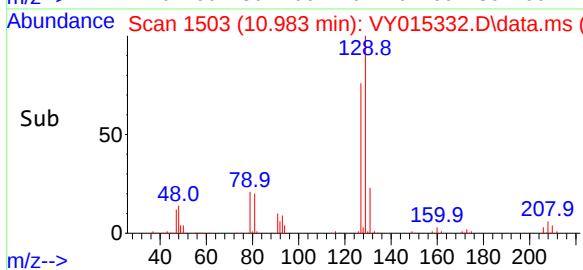
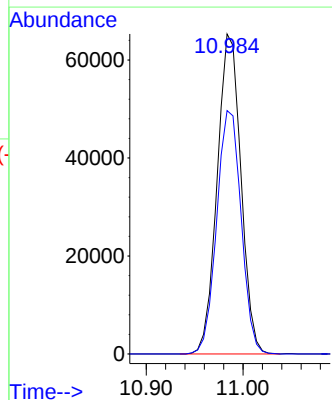
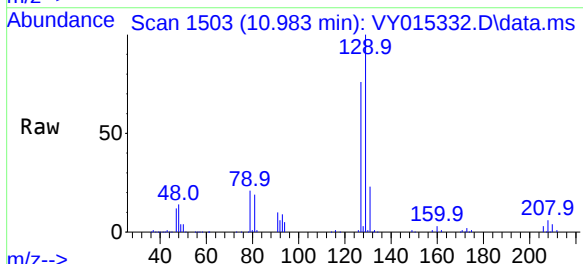
Manual Integrations
APPROVED

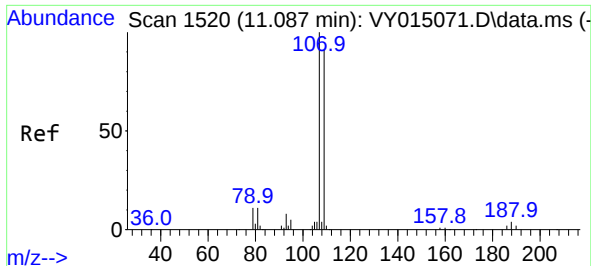
Reviewed By :Mahesh Dadoda 08/28/2023
Supervised By :Semsettin Yesilyurt 08/28/2023



#60
Dibromochloromethane
Concen: 57.465 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY015332.D
Acq: 25 Aug 2023 10:30

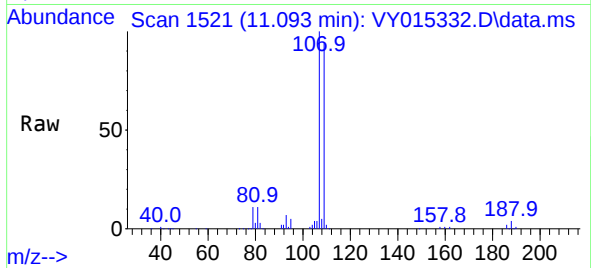
Tgt Ion:129 Resp: 111350
Ion Ratio Lower Upper
129 100
127 78.2 38.5 115.5





#61
1,2-Dibromoethane
Concen: 56.572 ug/l
RT: 11.093 min Scan# 11093
Delta R.T. 0.006 min
Lab File: VY015332.D
Acq: 25 Aug 2023 10:30

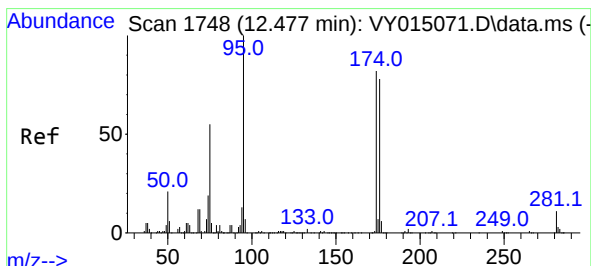
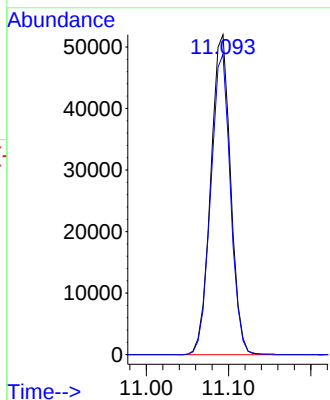
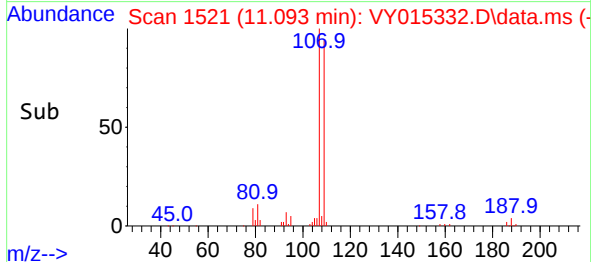
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



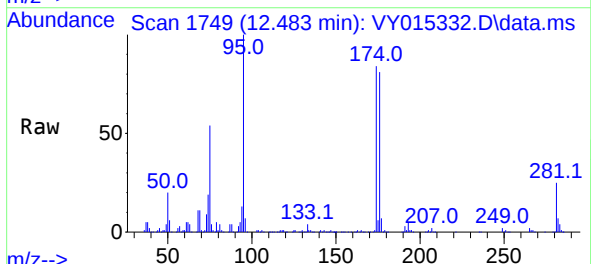
Tgt Ion:107 Resp: 87299
Ion Ratio Lower Upper
107 100
109 93.0 75.6 113.4

Manual Integrations
APPROVED

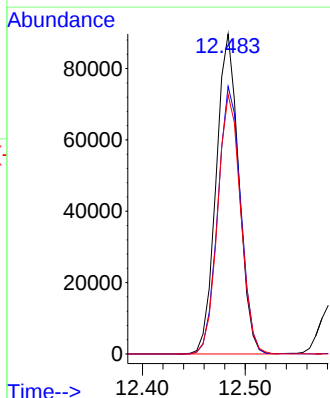
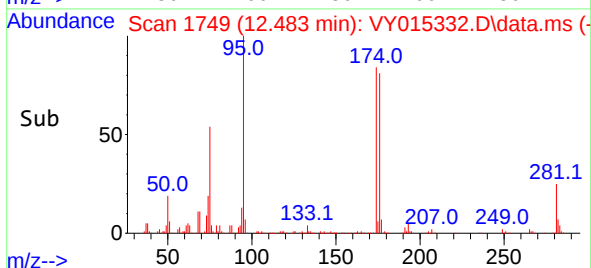
Reviewed By :Mahesh Dadoda 08/28/2023
Supervised By :Semsettin Yesilyurt 08/28/2023

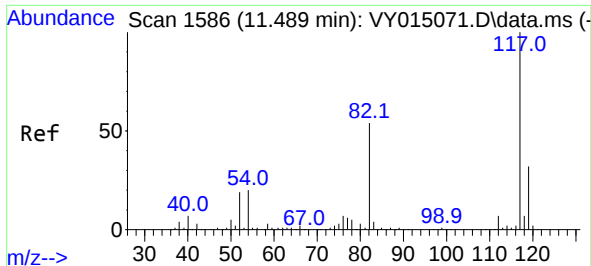


#62
4-Bromofluorobenzene
Concen: 56.158 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY015332.D
Acq: 25 Aug 2023 10:30



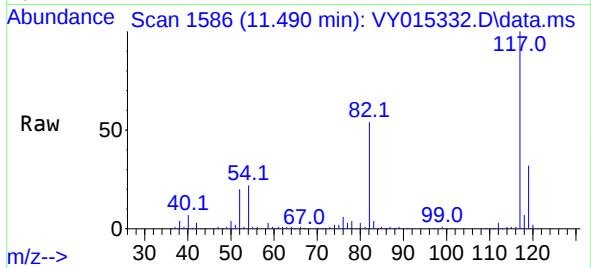
Tgt Ion: 95 Resp: 137128
Ion Ratio Lower Upper
95 100
174 84.4 0.0 178.2
176 81.9 0.0 173.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015332.D
Acq: 25 Aug 2023 10:30

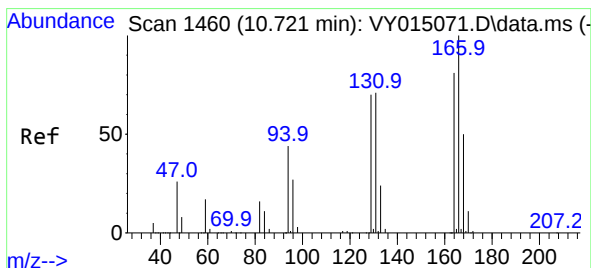
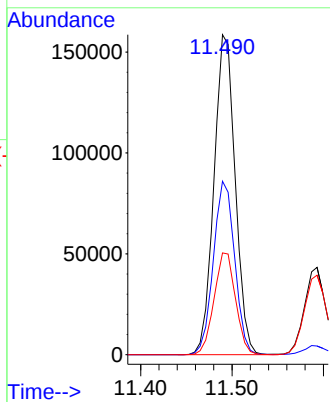
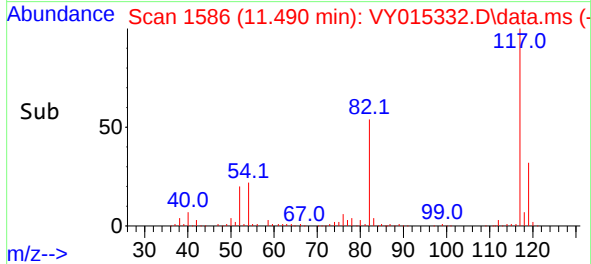
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 25587
Ion Ratio Lower Upper
117 100
82 54.2 43.4 65.0
119 31.8 26.3 39.5

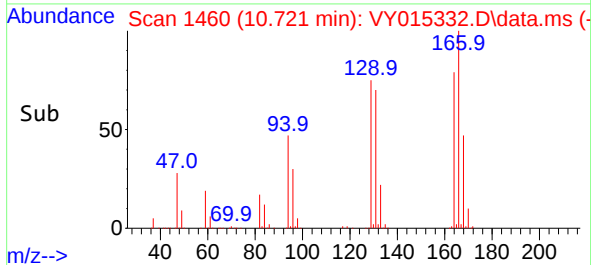
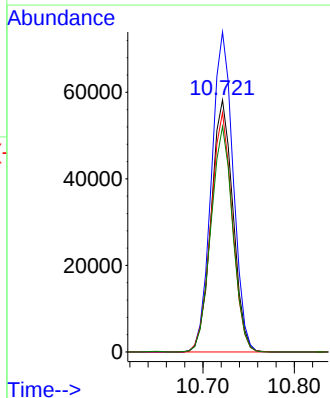
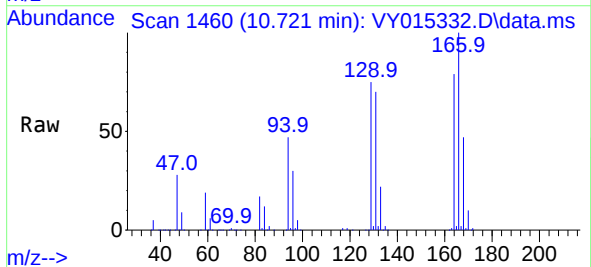
Manual Integrations
APPROVED

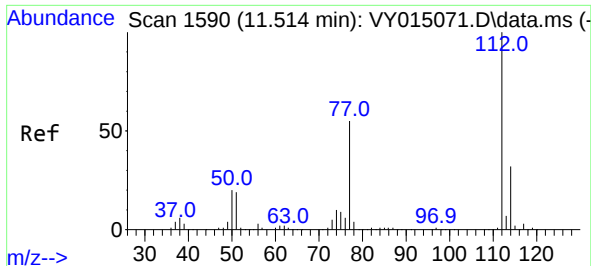
Reviewed By :Mahesh Dadoda 08/28/2023
Supervised By :Semsettin Yesilyurt 08/28/2023



#64
Tetrachloroethene
Concen: 53.907 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.006 min
Lab File: VY015332.D
Acq: 25 Aug 2023 10:30

Tgt Ion:164 Resp: 96098
Ion Ratio Lower Upper
164 100
166 127.0 103.0 154.6
129 95.0 77.2 115.8
131 89.5 69.6 104.4





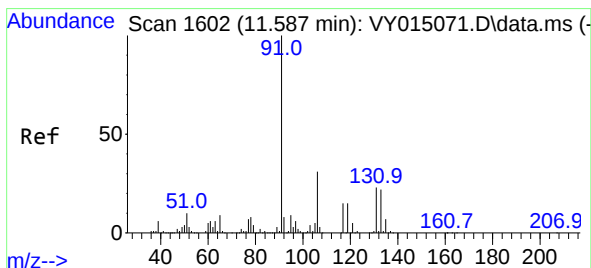
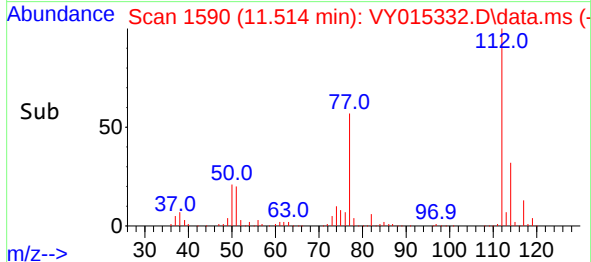
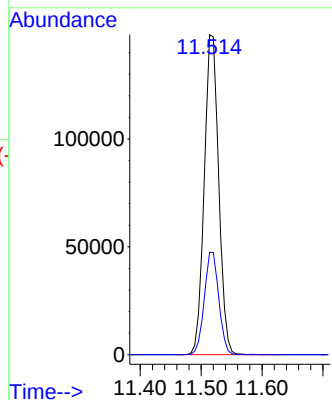
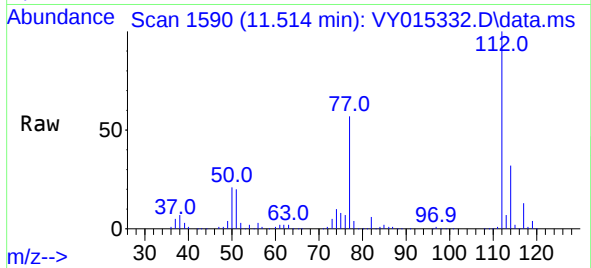
#65
Chlorobenzene
Concen: 52.429 ug/l
RT: 11.514 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015332.D
Acq: 25 Aug 2023 10:30

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 244429
Ion Ratio Lower Upper
112 100
114 32.0 25.5 38.3

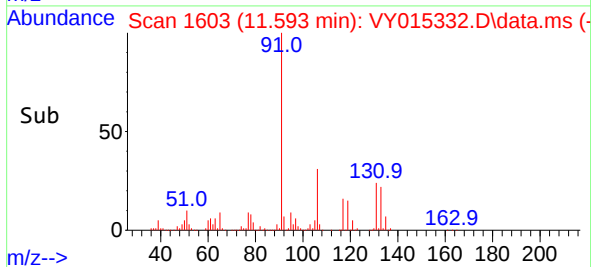
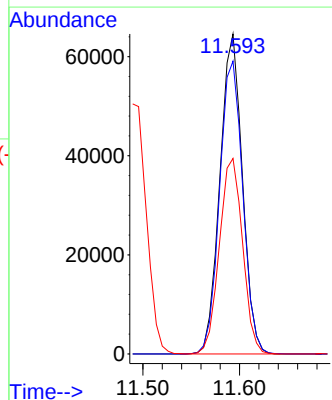
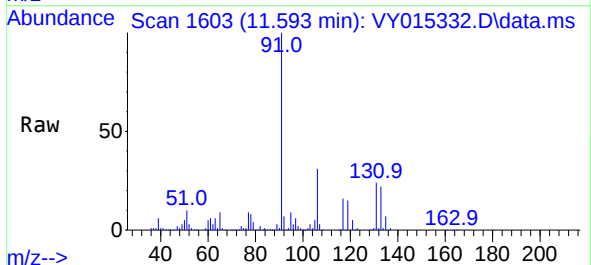
Manual Integrations
APPROVED

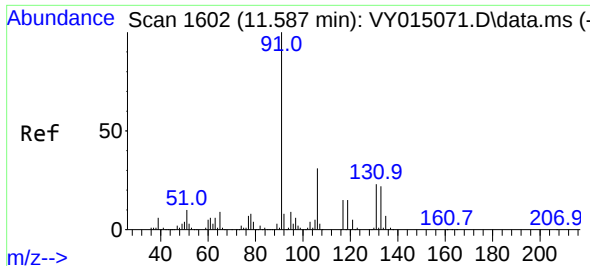
Reviewed By :Mahesh Dadoda 08/28/2023
Supervised By :Semsettin Yesilyurt 08/28/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 54.905 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.006 min
Lab File: VY015332.D
Acq: 25 Aug 2023 10:30

Tgt Ion:131 Resp: 103860
Ion Ratio Lower Upper
131 100
133 94.6 47.5 142.6
119 63.3 31.6 94.7





#67

Ethyl Benzene

Concen: 51.376 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.006 min

Lab File: VY015332.D

Acq: 25 Aug 2023 10:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 41965

Ion Ratio Lower Upper

91 100

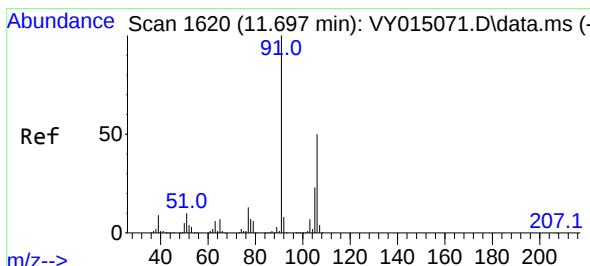
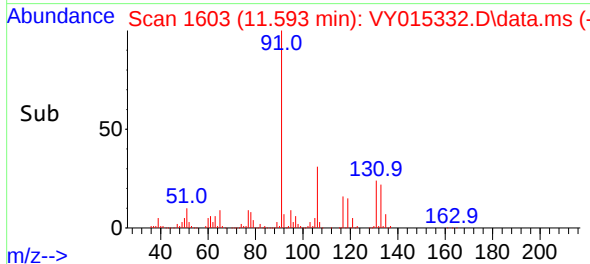
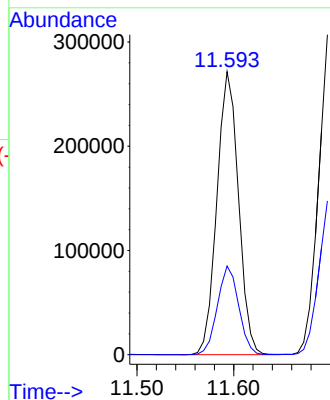
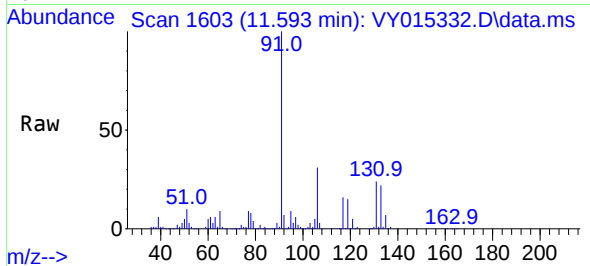
106 31.3 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/28/2023

Supervised By :Semsettin Yesilyurt 08/28/2023



#68

m/p-Xylenes

Concen: 101.111 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. 0.006 min

Lab File: VY015332.D

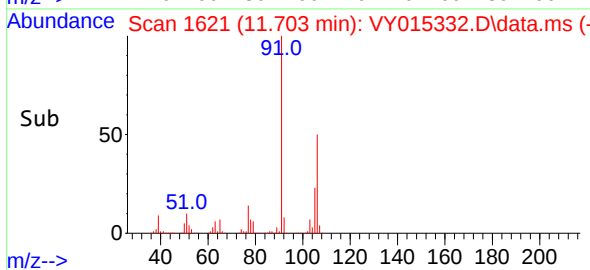
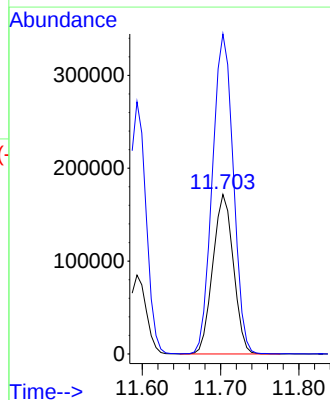
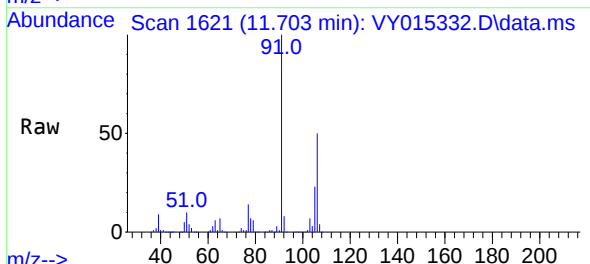
Acq: 25 Aug 2023 10:30

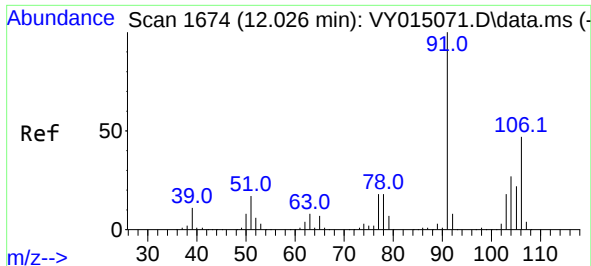
Tgt Ion:106 Resp: 313681

Ion Ratio Lower Upper

106 100

91 203.9 166.1 249.1





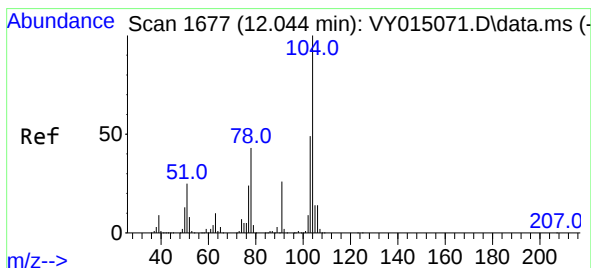
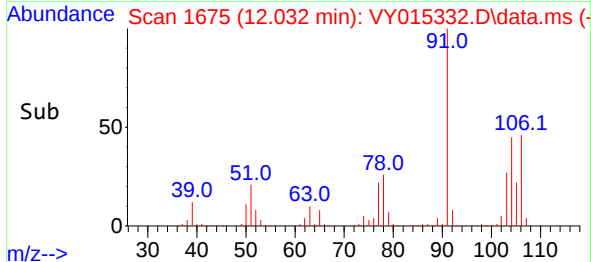
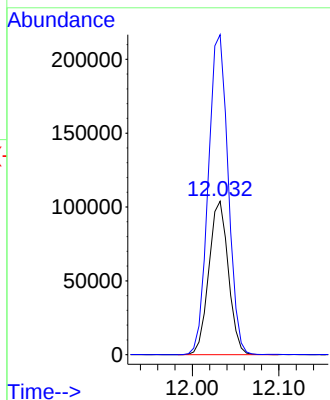
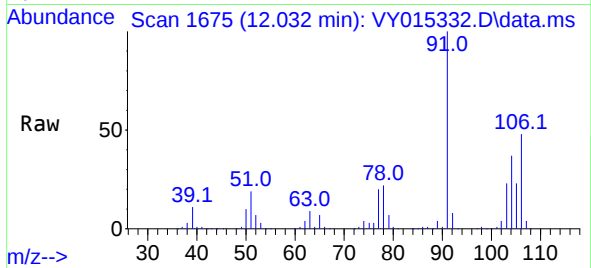
#69
o-Xylene
Concen: 52.569 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.006 min
Lab File: VY015332.D
Acq: 25 Aug 2023 10:30

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 16246
Ion Ratio Lower Upper
106 100
91 212.4 108.1 324.3

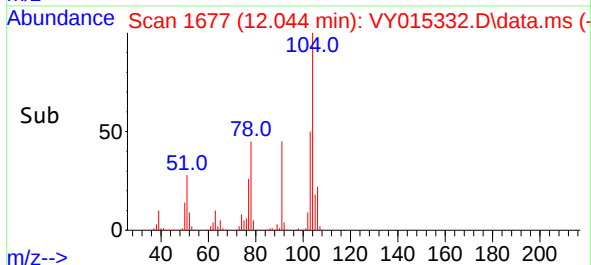
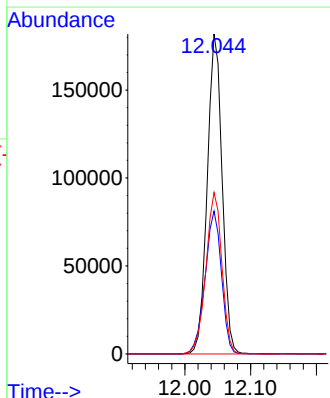
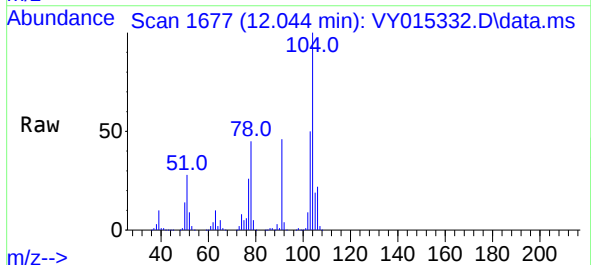
Manual Integrations
APPROVED

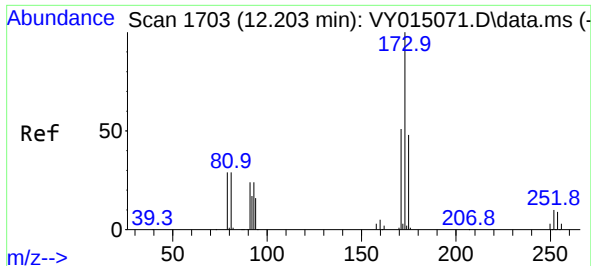
Reviewed By :Mahesh Dadoda 08/28/2023
Supervised By :Semsettin Yesilyurt 08/28/2023



#70
Styrene
Concen: 53.407 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY015332.D
Acq: 25 Aug 2023 10:30

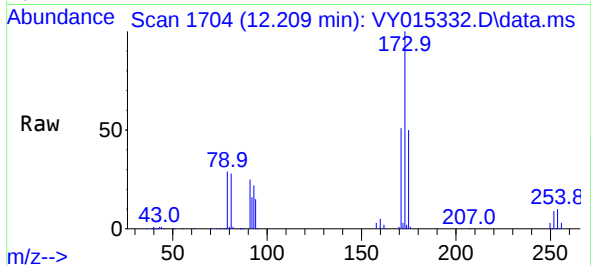
Tgt Ion:104 Resp: 285670
Ion Ratio Lower Upper
104 100
78 49.4 41.5 62.3
103 54.5 44.6 67.0





#71
Bromoform
Concen: 57.505 ug/l
RT: 12.209 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VY015332.D
Acq: 25 Aug 2023 10:30

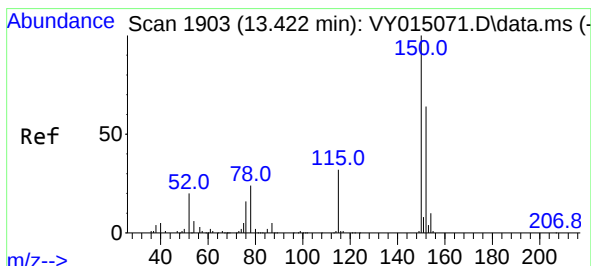
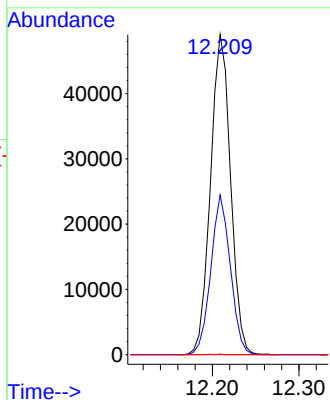
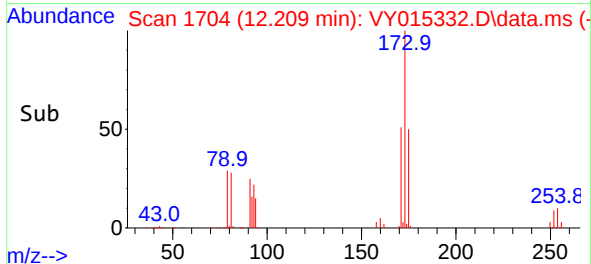
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



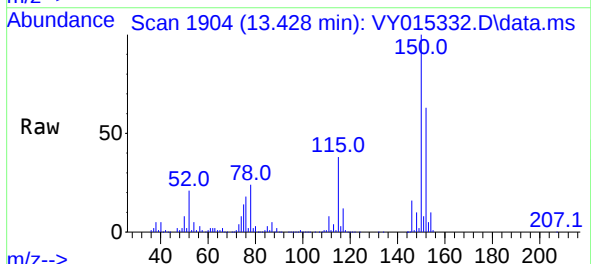
Tgt Ion:173 Resp: 7885
Ion Ratio Lower Upper
173 100
175 48.5 24.6 73.8
254 0.1 0.2 0.2

Manual Integrations
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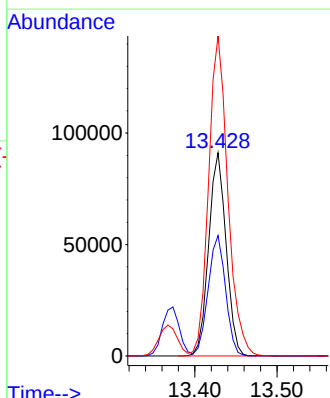
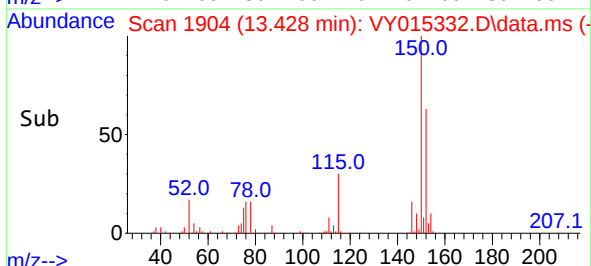
Reviewed By :Mahesh Dadoda 08/28/2023
Supervised By :Semsettin Yesilyurt 08/28/2023

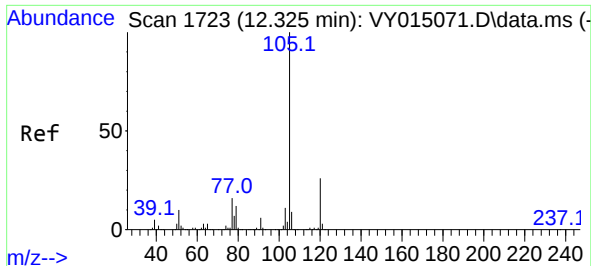


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY015332.D
Acq: 25 Aug 2023 10:30



Tgt Ion:152 Resp: 134213
Ion Ratio Lower Upper
152 100
115 59.0 28.8 86.5
150 173.6 0.0 348.8





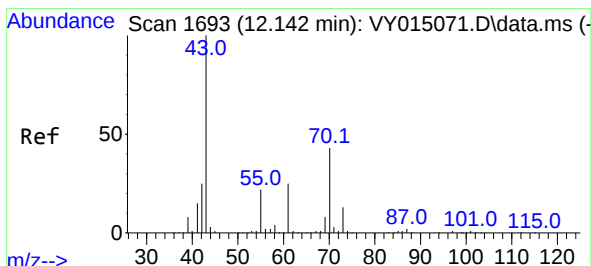
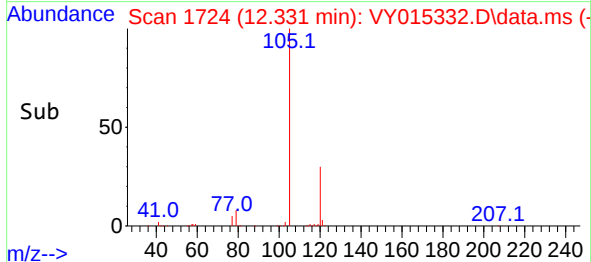
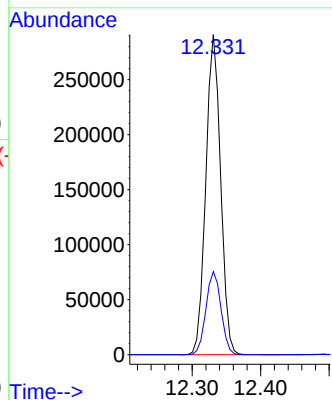
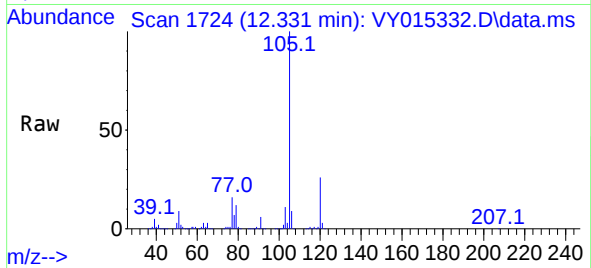
#73
Isopropylbenzene
Concen: 50.651 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. 0.006 min
Lab File: VY015332.D
Acq: 25 Aug 2023 10:30

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 437139
Ion Ratio Lower Upper
105 100
120 26.4 13.3 39.9

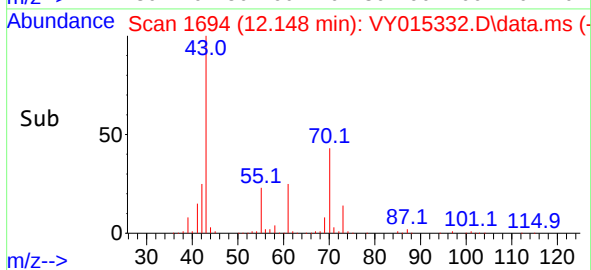
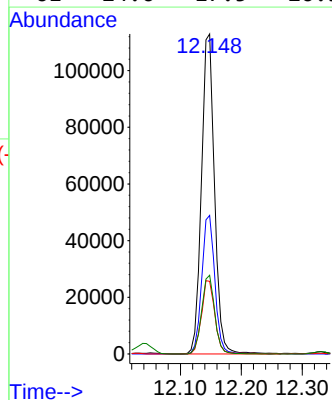
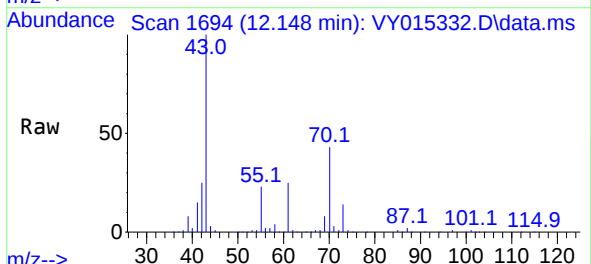
Manual Integrations
APPROVED

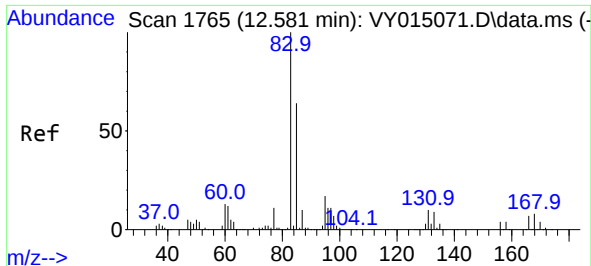
Reviewed By :Mahesh Dadoda 08/28/2023
Supervised By :Semsettin Yesilyurt 08/28/2023



#74
N-amy1 acetate
Concen: 54.200 ug/l
RT: 12.148 min Scan# 1694
Delta R.T. 0.006 min
Lab File: VY015332.D
Acq: 25 Aug 2023 10:30

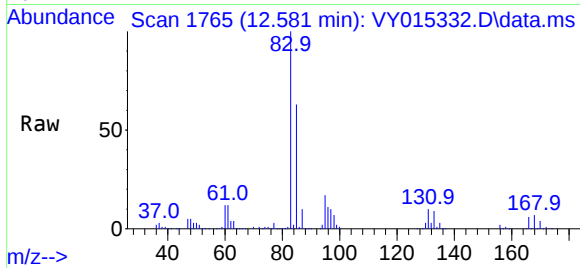
Tgt Ion: 43 Resp: 168886
Ion Ratio Lower Upper
43 100
70 43.5 29.7 44.5
55 23.6 18.3 27.5
61 24.6 17.5 26.3





#75
1,1,2,2-Tetrachloroethane
Concen: 56.678 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. 0.000 min
Lab File: VY015332.D
Acq: 25 Aug 2023 10:30

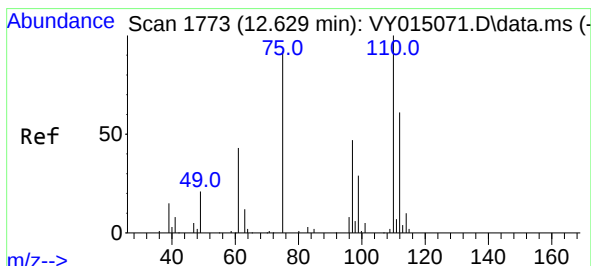
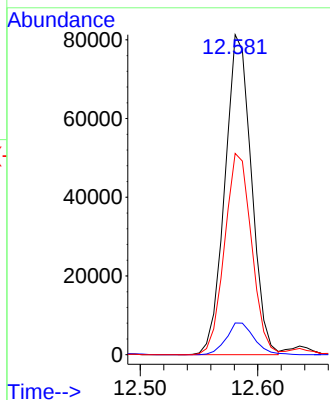
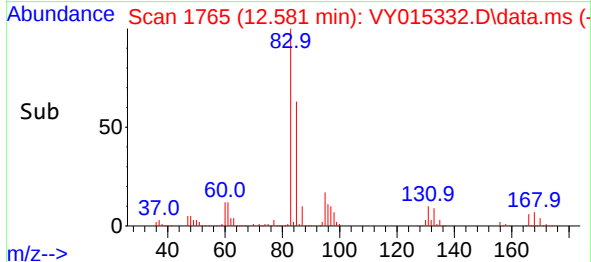
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



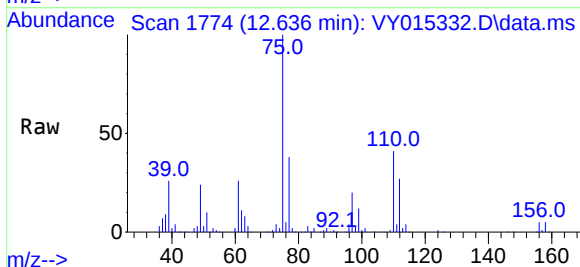
Tgt Ion: 83 Resp: 127390
Ion Ratio Lower Upper
83 100
131 10.5 5.4 16.2
85 64.4 31.8 95.4

Manual Integrations
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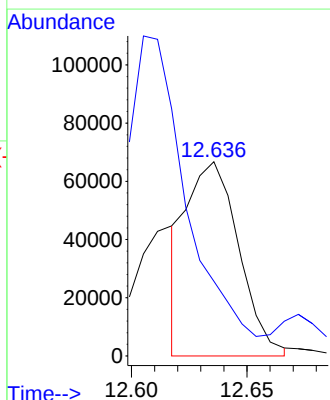
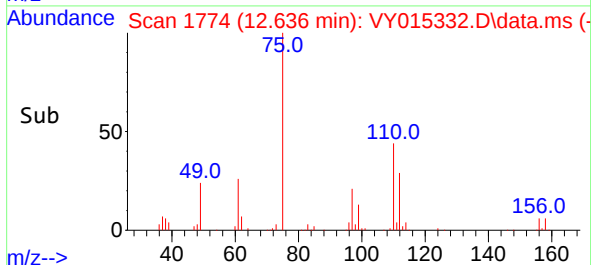
Reviewed By :Mahesh Dadoda 08/28/2023
Supervised By :Semsettin Yesilyurt 08/28/2023

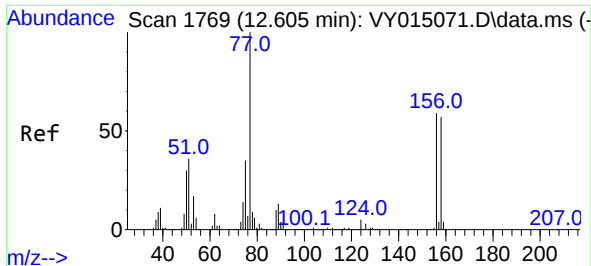


#76
1,2,3-Trichloropropane
Concen: 64.558 ug/l m
RT: 12.636 min Scan# 1774
Delta R.T. 0.006 min
Lab File: VY015332.D
Acq: 25 Aug 2023 10:30



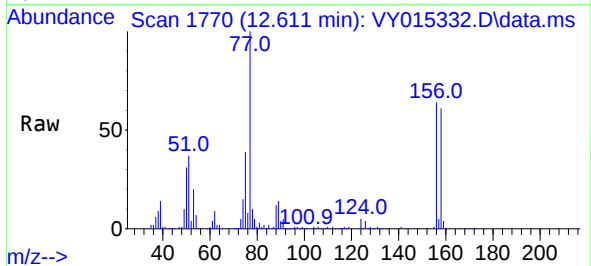
Tgt Ion: 75 Resp: 105268
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 51.632 ug/l
RT: 12.611 min Scan# 1769
Delta R.T. 0.006 min
Lab File: VY015332.D
Acq: 25 Aug 2023 10:30

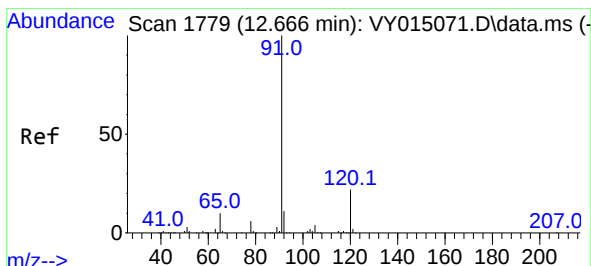
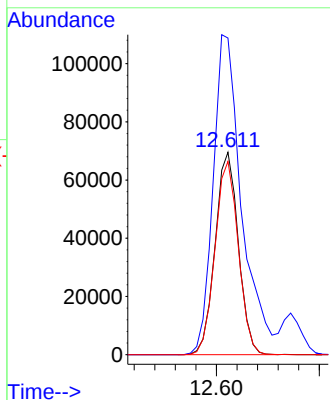
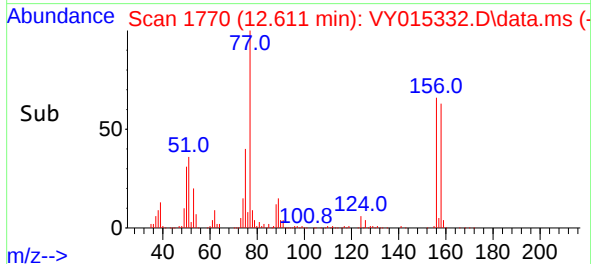
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



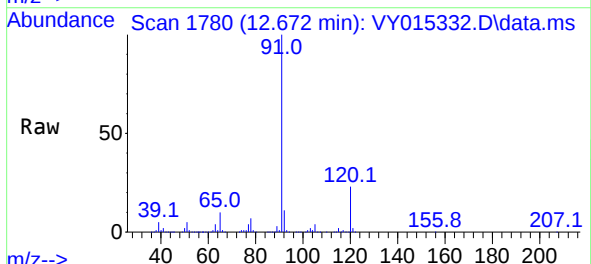
Tgt Ion:156 Resp: 108610
Ion Ratio Lower Upper
156 100
77 193.7 92.8 278.6
158 96.2 48.4 145.3

Manual Integrations
APPROVED

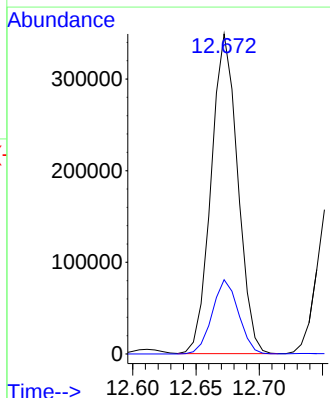
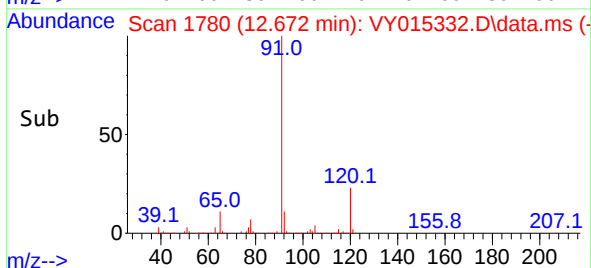
Reviewed By :Mahesh Dadoda 08/28/2023
Supervised By :Semsettin Yesilyurt 08/28/2023

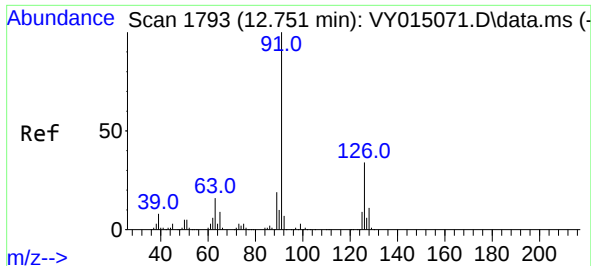


#78
n-propylbenzene
Concen: 49.718 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.006 min
Lab File: VY015332.D
Acq: 25 Aug 2023 10:30



Tgt Ion: 91 Resp: 509533
Ion Ratio Lower Upper
91 100
120 23.0 11.5 34.4





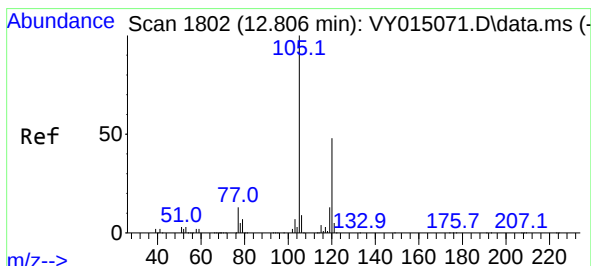
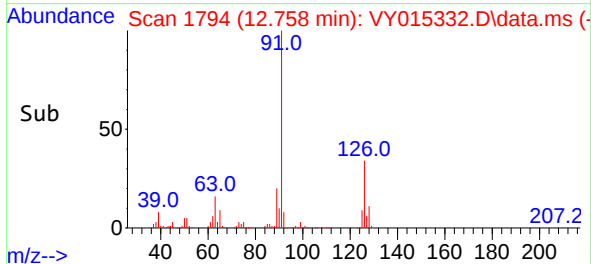
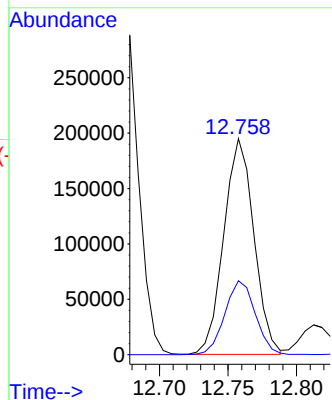
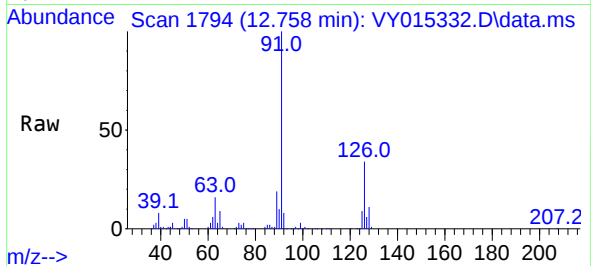
#79
2-Chlorotoluene
Concen: 50.383 ug/l
RT: 12.758 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015332.D
Acq: 25 Aug 2023 10:30

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 29787
Ion Ratio Lower Upper
91 100
126 34.7 17.3 51.7

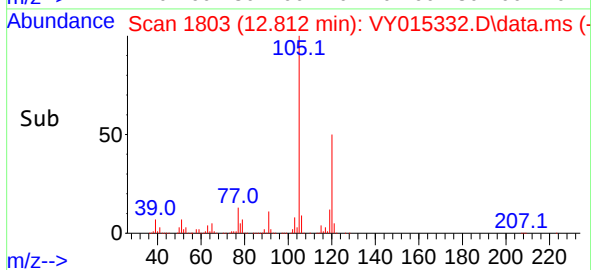
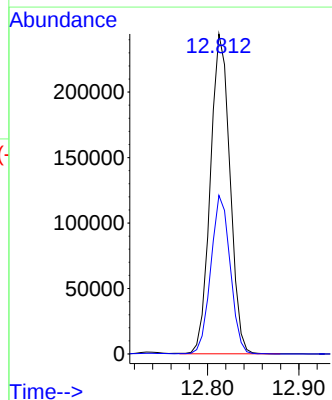
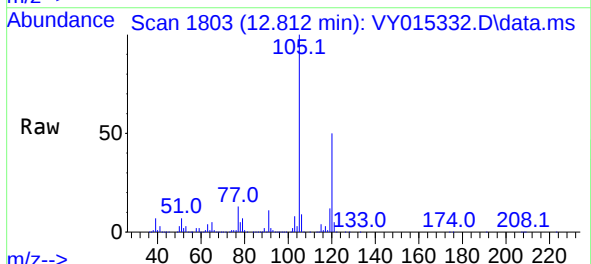
Manual Integrations
APPROVED

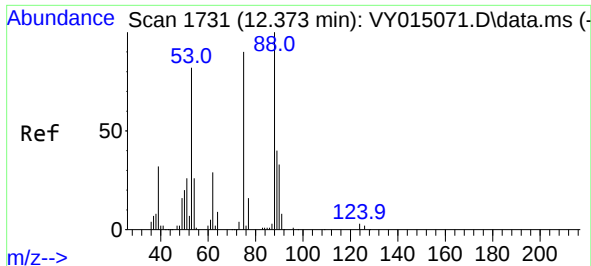
Reviewed By :Mahesh Dadoda 08/28/2023
Supervised By :Semsettin Yesilyurt 08/28/2023



#80
1,3,5-Trimethylbenzene
Concen: 50.443 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY015332.D
Acq: 25 Aug 2023 10:30

Tgt Ion:105 Resp: 362889
Ion Ratio Lower Upper
105 100
120 49.1 23.9 71.7





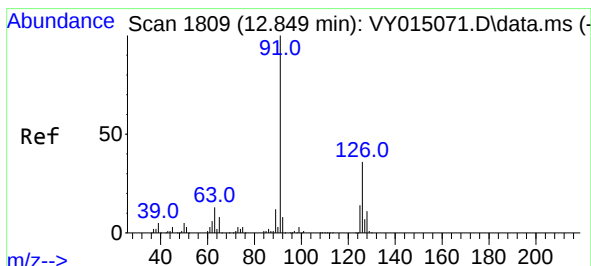
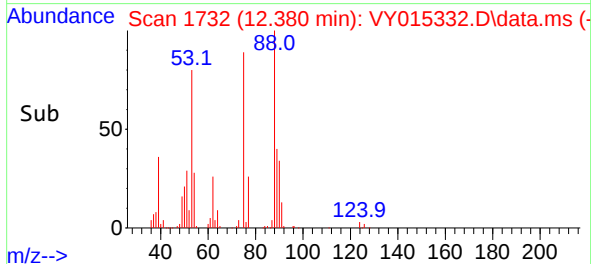
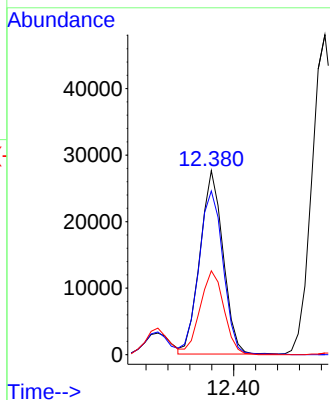
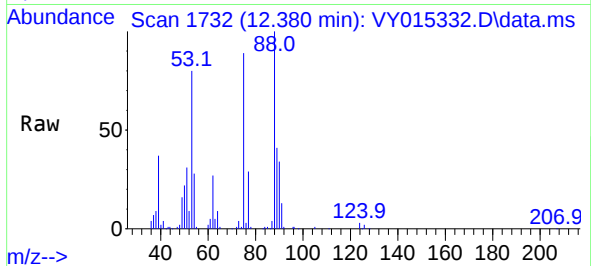
#81
trans-1,4-Dichloro-2-butene
Concen: 54.394 ug/l
RT: 12.380 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015332.D
Acq: 25 Aug 2023 10:30

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 40380
Ion Ratio Lower Upper
75 100
53 94.3 77.8 116.8
89 46.7 37.4 56.0

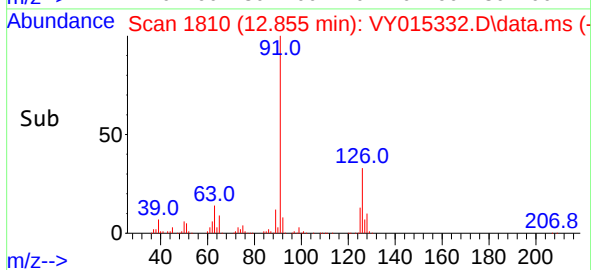
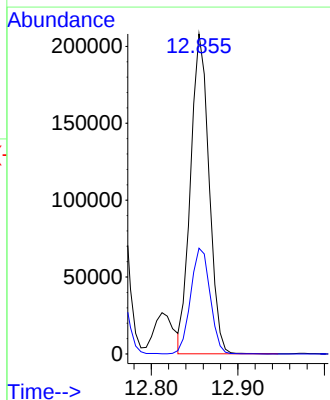
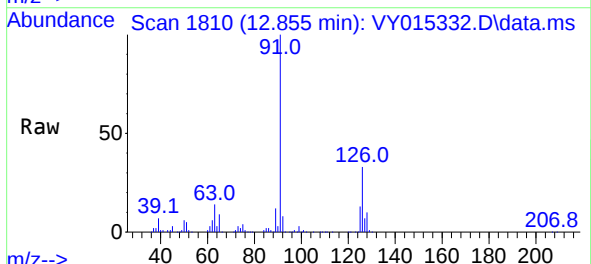
Manual Integrations
APPROVED

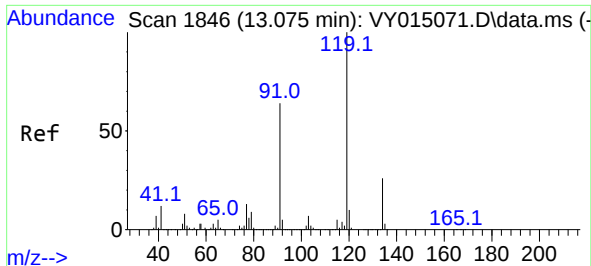
Reviewed By :Mahesh Dadoda 08/28/2023
Supervised By :Semsettin Yesilyurt 08/28/2023



#82
4-Chlorotoluene
Concen: 50.276 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY015332.D
Acq: 25 Aug 2023 10:30

Tgt Ion: 91 Resp: 307080
Ion Ratio Lower Upper
91 100
126 35.0 17.2 51.6





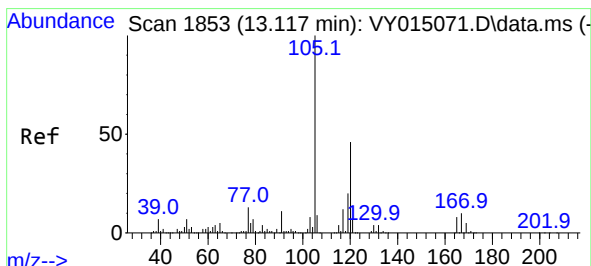
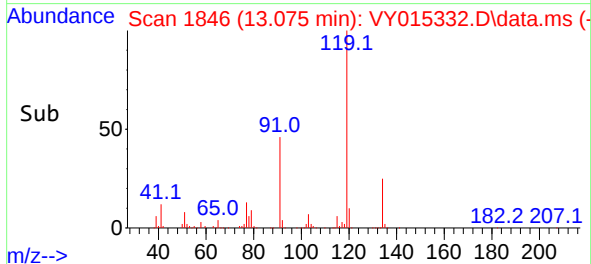
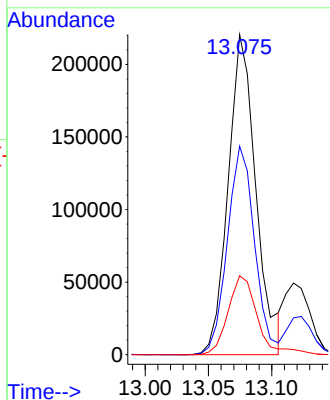
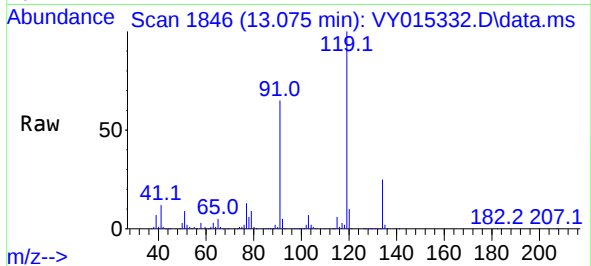
#83
tert-Butylbenzene
Concen: 51.142 ug/l
RT: 13.075 min Scan# 1846
Delta R.T. 0.000 min
Lab File: VY015332.D
Acq: 25 Aug 2023 10:30

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:119 Resp: 336524
Ion Ratio Lower Upper
119 100
91 64.1 32.9 98.6
134 26.1 13.0 38.9

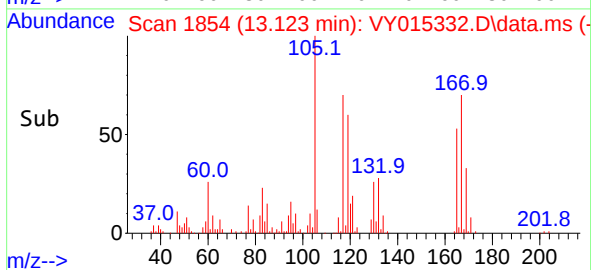
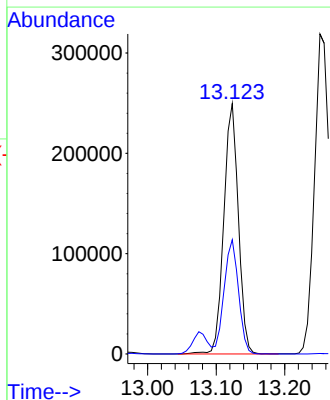
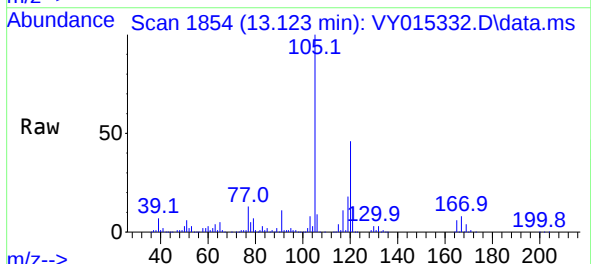
Manual Integrations
APPROVED

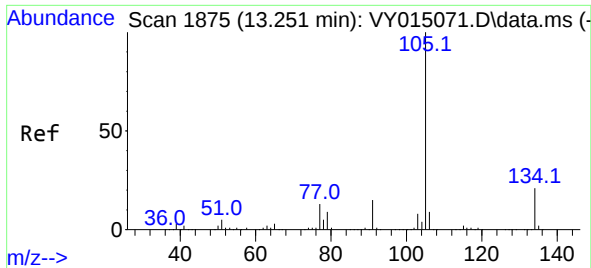
Reviewed By :Mahesh Dadoda 08/28/2023
Supervised By :Semsettin Yesilyurt 08/28/2023



#84
1,2,4-Trimethylbenzene
Concen: 51.045 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VY015332.D
Acq: 25 Aug 2023 10:30

Tgt Ion:105 Resp: 366943
Ion Ratio Lower Upper
105 100
120 45.3 22.2 66.6





#85
 sec-Butylbenzene
 Concen: 50.384 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. 0.000 min
 Lab File: VY015332.D
 Acq: 25 Aug 2023 10:30

Instrument :

MSVOA_Y

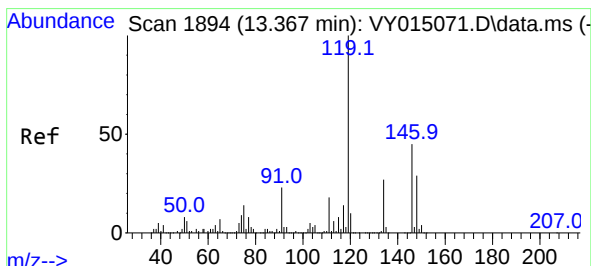
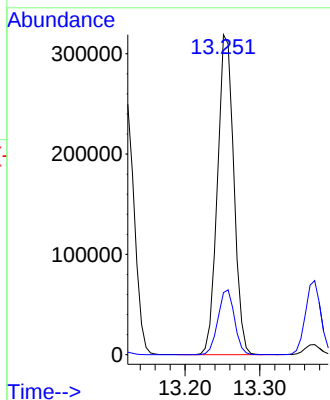
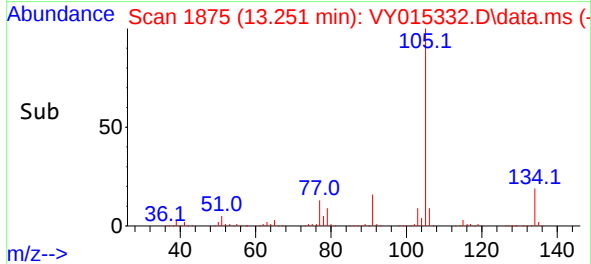
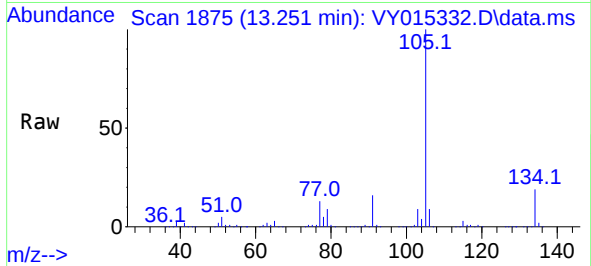
ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 485764
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.2 30.6

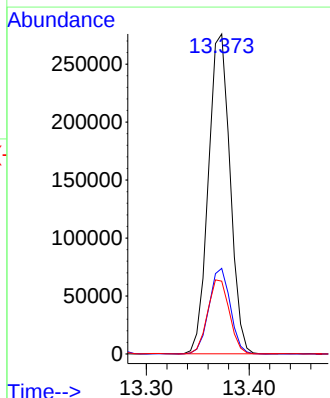
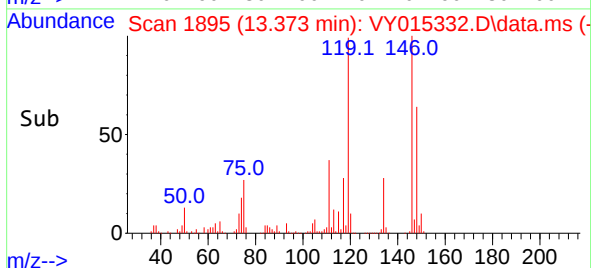
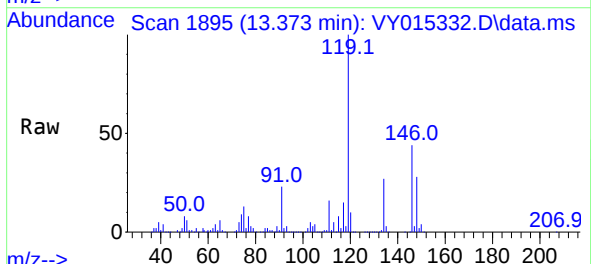
Manual Integrations
 APPROVED

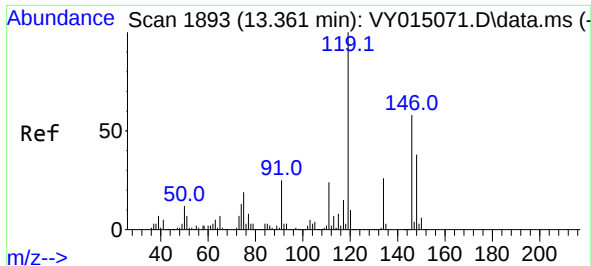
Reviewed By :Mahesh Dadoda 08/28/2023
 Supervised By :Semsettin Yesilyurt 08/28/2023



#86
 p-Isopropyltoluene
 Concen: 50.507 ug/l
 RT: 13.373 min Scan# 1895
 Delta R.T. 0.006 min
 Lab File: VY015332.D
 Acq: 25 Aug 2023 10:30

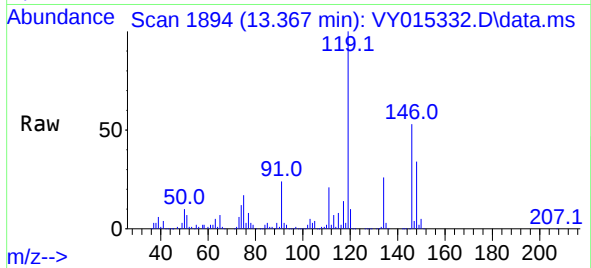
Tgt Ion:119 Resp: 403729
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.3 39.8
 91 23.3 12.4 37.4





#87
1,3-Dichlorobenzene
Concen: 51.577 ug/l
RT: 13.367 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015332.D
Acq: 25 Aug 2023 10:30

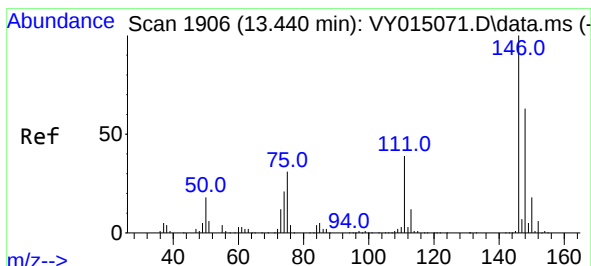
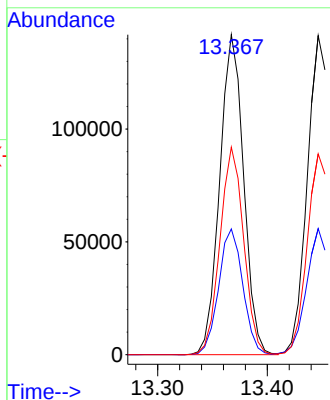
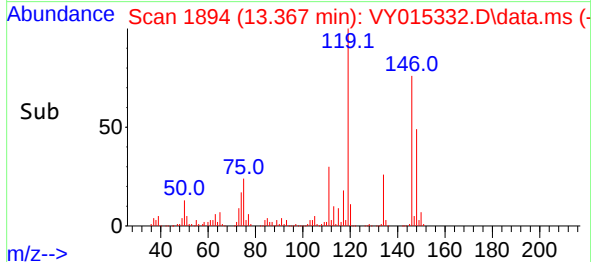
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



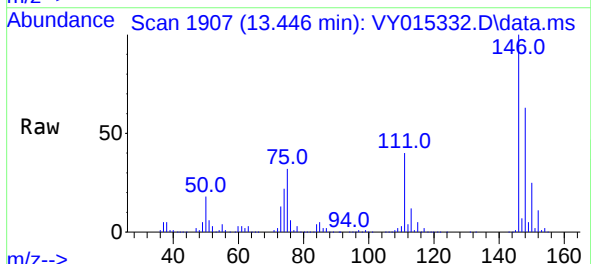
Tgt Ion:146 Resp: 215200
Ion Ratio Lower Upper
146 100
111 39.8 19.4 58.2
148 64.3 31.9 95.5

Manual Integrations
APPROVED

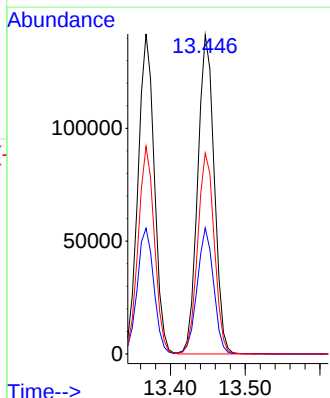
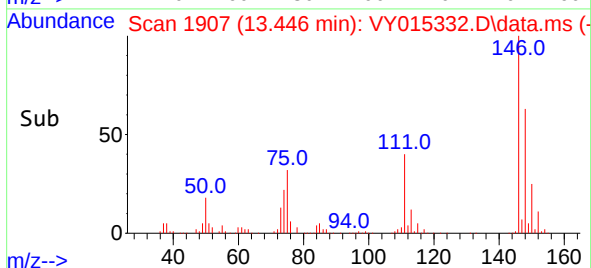
Reviewed By :Mahesh Dadoda 08/28/2023
Supervised By :Semsettin Yesilyurt 08/28/2023

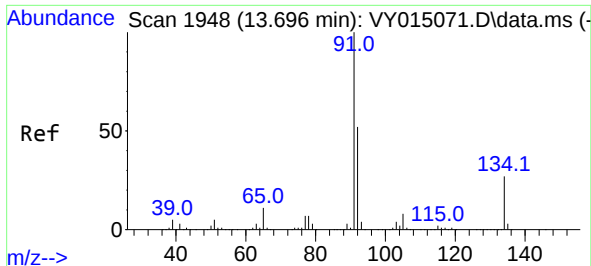


#88
1,4-Dichlorobenzene
Concen: 51.897 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY015332.D
Acq: 25 Aug 2023 10:30



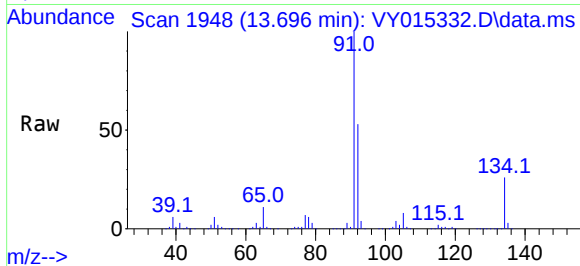
Tgt Ion:146 Resp: 217190
Ion Ratio Lower Upper
146 100
111 39.0 18.9 56.7
148 63.4 32.1 96.5





#89
n-Butylbenzene
Concen: 49.830 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY015332.D
Acq: 25 Aug 2023 10:30

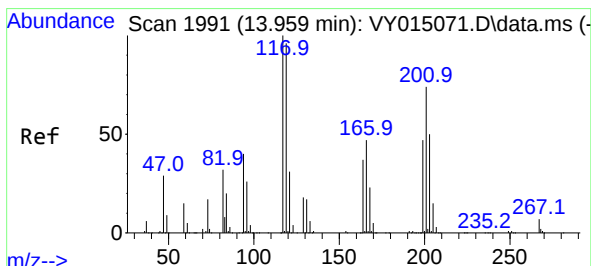
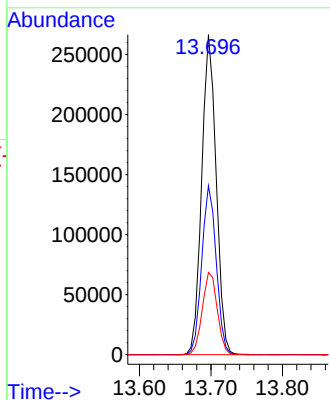
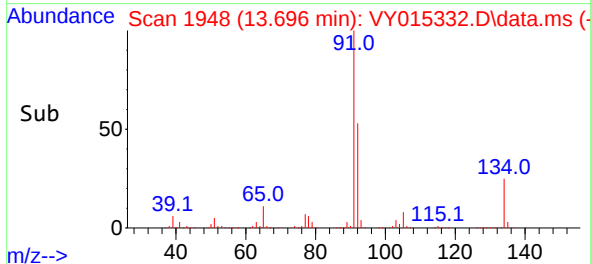
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 37555
Ion Ratio Lower Upper
91 100
92 52.8 25.4 76.0
134 26.6 12.6 37.6

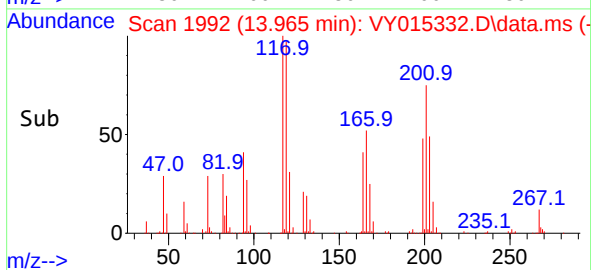
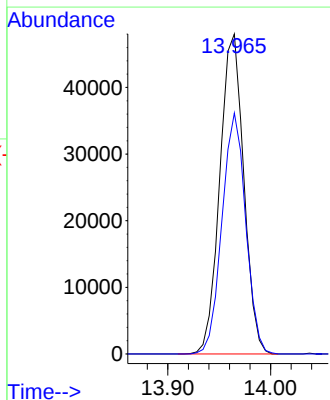
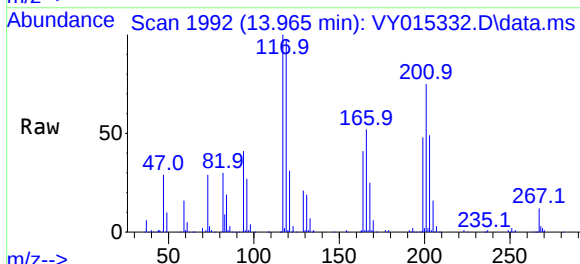
Manual Integrations
APPROVED

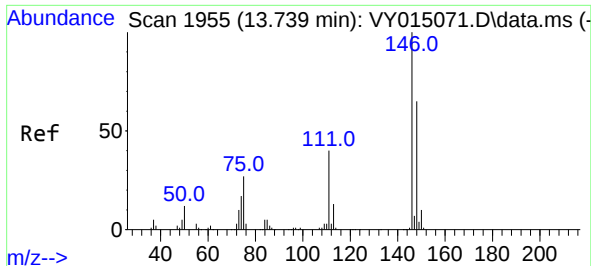
Reviewed By :Mahesh Dadoda 08/28/2023
Supervised By :Semsettin Yesilyurt 08/28/2023



#90
Hexachloroethane
Concen: 48.922 ug/l
RT: 13.965 min Scan# 1992
Delta R.T. 0.006 min
Lab File: VY015332.D
Acq: 25 Aug 2023 10:30

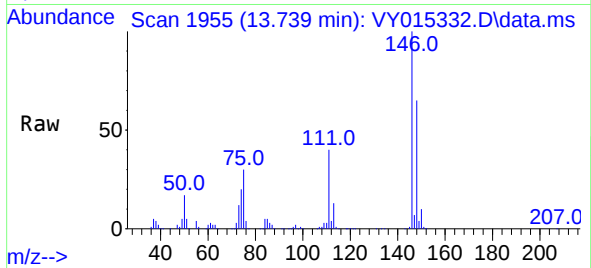
Tgt Ion:117 Resp: 77580
Ion Ratio Lower Upper
117 100
201 74.5 41.6 124.8





#91
1,2-Dichlorobenzene
Concen: 53.246 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.006 min
Lab File: VY015332.D
Acq: 25 Aug 2023 10:30

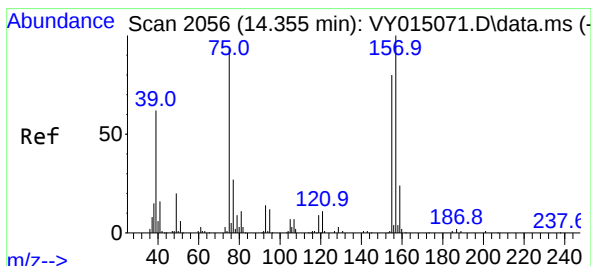
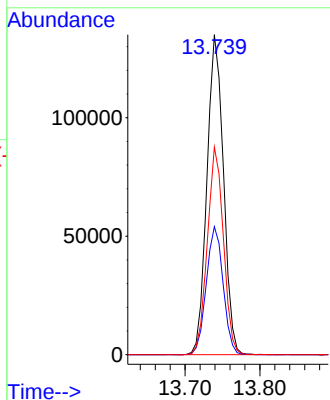
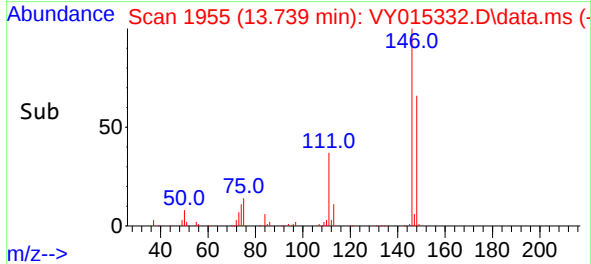
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



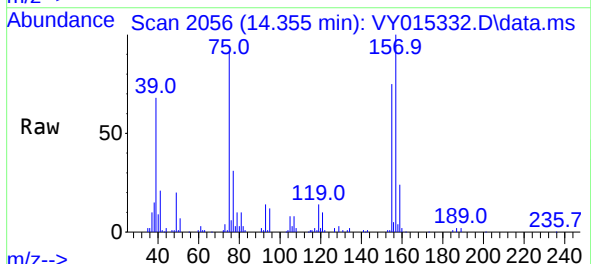
Tgt Ion:146 Resp: 207540
Ion Ratio Lower Upper
146 100
111 40.7 19.7 59.0
148 63.3 32.0 96.2

Manual Integrations
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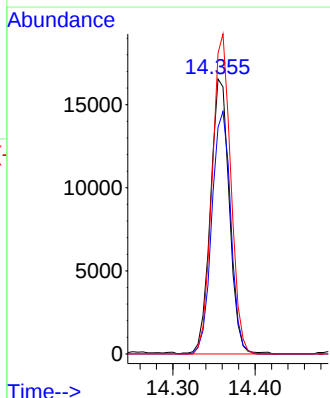
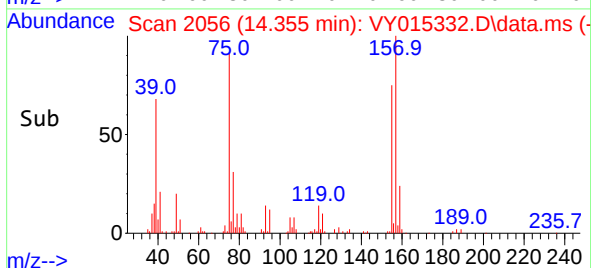
Reviewed By :Mahesh Dadoda 08/28/2023
Supervised By :Semsettin Yesilyurt 08/28/2023

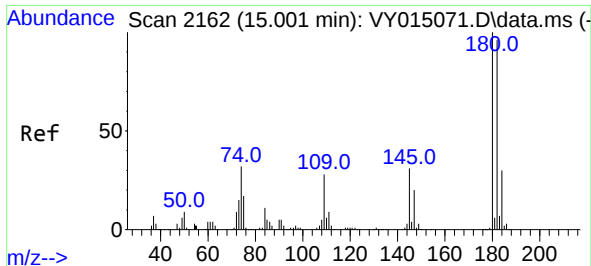


#92
1,2-Dibromo-3-Chloropropane
Concen: 60.546 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. 0.000 min
Lab File: VY015332.D
Acq: 25 Aug 2023 10:30



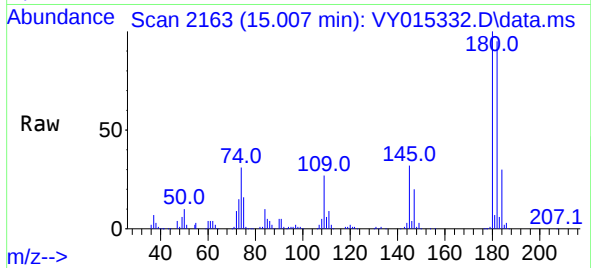
Tgt Ion: 75 Resp: 26363
Ion Ratio Lower Upper
75 100
155 88.5 41.5 124.6
157 114.7 51.8 155.5





#93
1,2,4-Trichlorobenzene
Concen: 53.924 ug/l
RT: 15.007 min Scan# 2162
Delta R.T. 0.000 min
Lab File: VY015332.D
Acq: 25 Aug 2023 10:30

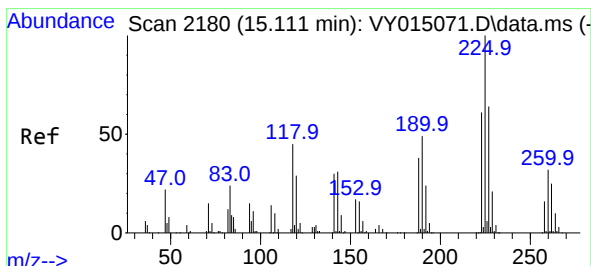
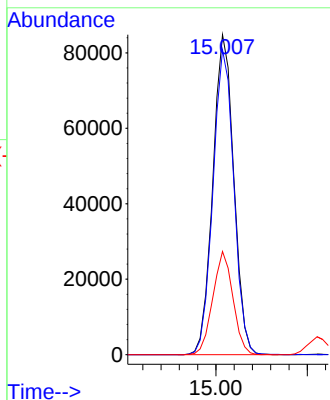
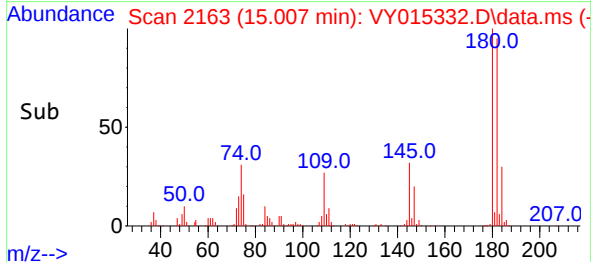
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



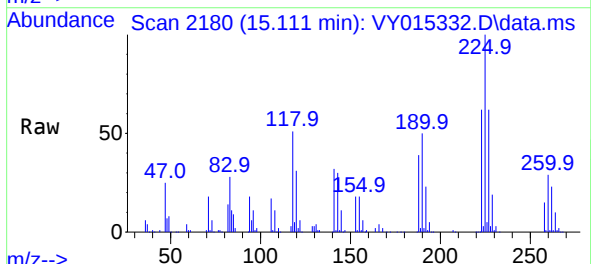
Tgt Ion:180 Resp: 13494
Ion Ratio Lower Upper
180 100
182 95.0 47.0 141.2
145 31.1 14.5 43.5

Manual Integrations
APPROVED

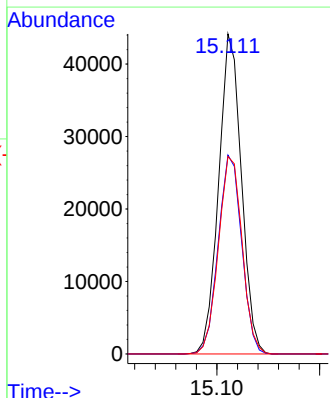
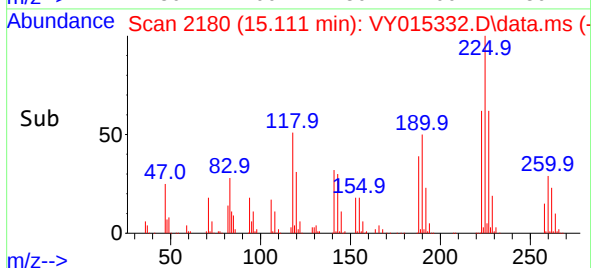
Reviewed By :Mahesh Dadoda 08/28/2023
Supervised By :Semsettin Yesilyurt 08/28/2023

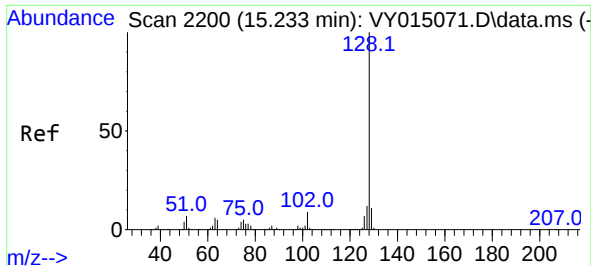


#94
Hexachlorobutadiene
Concen: 49.755 ug/l
RT: 15.111 min Scan# 2180
Delta R.T. 0.000 min
Lab File: VY015332.D
Acq: 25 Aug 2023 10:30



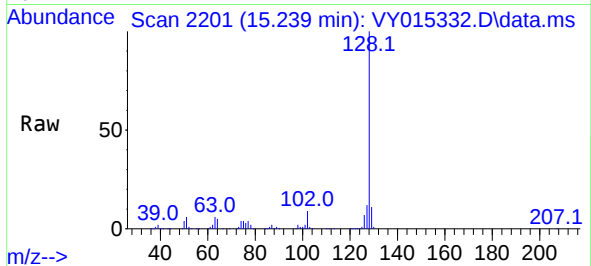
Tgt Ion:225 Resp: 67727
Ion Ratio Lower Upper
225 100
223 64.0 31.9 95.9
227 64.2 33.0 98.9





#95
Naphthalene
Concen: 61.620 ug/l
RT: 15.239 min Scan# 21
Delta R.T. 0.006 min
Lab File: VY015332.D
Acq: 25 Aug 2023 10:30

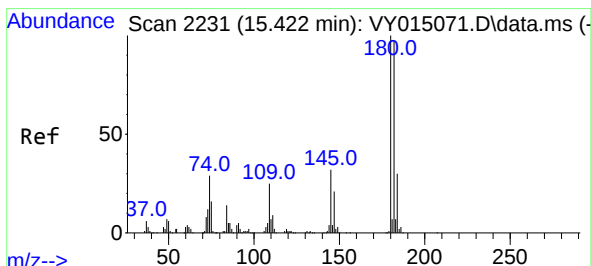
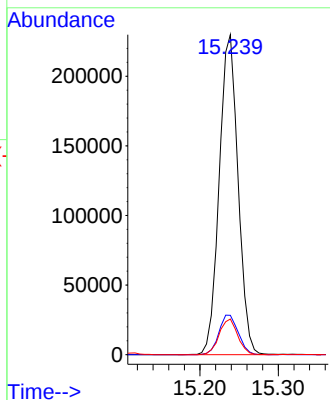
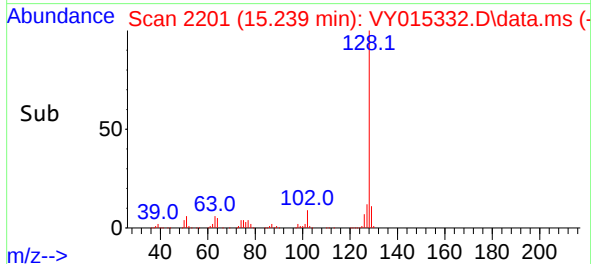
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion:128 Resp: 384120
Ion Ratio Lower Upper
128 100
127 12.8 10.8 16.2
129 11.0 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 08/28/2023
Supervised By :Semsettin Yesilyurt 08/28/2023



#96
1,2,3-Trichlorobenzene
Concen: 56.307 ug/l
RT: 15.428 min Scan# 2232
Delta R.T. 0.006 min
Lab File: VY015332.D
Acq: 25 Aug 2023 10:30

Tgt Ion:180 Resp: 127252
Ion Ratio Lower Upper
180 100
182 94.3 47.3 141.8
145 32.3 15.4 46.2

