

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050823\
 Data File : VY013654.D
 Acq On : 08 May 2023 17:45
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/09/2023
 Supervised By : Mahesh Dadoda 05/09/2023

Quant Time: May 09 05:00:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:39:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	204566	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	328596	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	300038	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	155972	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	128099	57.123	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.240%
35) Dibromofluoromethane	7.710	113	115368	55.822	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.640%
50) Toluene-d8	10.179	98	381900	51.944	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	103.880%
62) 4-Bromofluorobenzene	12.477	95	146299	59.025	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	118.040%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.900	85	104712	53.843	ug/l	97
3) Chloromethane	2.107	50	150859	57.871	ug/l	99
4) Vinyl Chloride	2.247	62	145455	56.039	ug/l	98
5) Bromomethane	2.649	94	118077	57.086	ug/l	100
6) Chloroethane	2.790	64	98208	54.769	ug/l	97
7) Trichlorofluoromethane	3.119	101	219401	55.798	ug/l	99
8) Diethyl Ether	3.527	74	80233	59.920	ug/l	85
9) 1,1,2-Trichlorotrifluo...	3.899	101	125231	56.779	ug/l	95
10) Methyl Iodide	4.082	142	146378	52.841	ug/l	99
11) Tert butyl alcohol	4.972	59	75970	300.643	ug/l #	84
12) 1,1-Dichloroethene	3.869	96	115398	54.279	ug/l	89
13) Acrolein	3.722	56	30198	150.601	ug/l	95
14) Allyl chloride	4.472	41	236536	59.961	ug/l	97
15) Acrylonitrile	5.155	53	236522	315.407	ug/l	100
16) Acetone	3.948	43	277733	314.492	ug/l	98
17) Carbon Disulfide	4.192	76	340330	49.280	ug/l	99
18) Methyl Acetate	4.472	43	179963	61.700	ug/l	95
19) Methyl tert-butyl Ether	5.216	73	383560	62.492	ug/l	100
20) Methylene Chloride	4.710	84	166294	62.059	ug/l #	84
21) trans-1,2-Dichloroethene	5.216	96	133857	57.584	ug/l	95
22) Diisopropyl ether	6.112	45	511612	66.353	ug/l #	95
23) Vinyl Acetate	6.051	43	1572136	360.116	ug/l	95
24) 1,1-Dichloroethane	6.015	63	271561	63.193	ug/l	97
25) 2-Butanone	6.984	43	356764	318.543	ug/l	93
26) 2,2-Dichloropropane	6.978	77	225557	60.912	ug/l	98
27) cis-1,2-Dichloroethene	6.978	96	158767	61.817	ug/l	94
28) Bromochloromethane	7.325	49	95208	62.434	ug/l #	78
29) Tetrahydrofuran	7.344	42	219764	315.224	ug/l	89
30) Chloroform	7.502	83	271859	63.628	ug/l	98
31) Cyclohexane	7.783	56	211152	52.591	ug/l	91
32) 1,1,1-Trichloroethane	7.697	97	230829	60.543	ug/l	98
36) 1,1-Dichloropropene	7.911	75	193425	56.392	ug/l	97
37) Ethyl Acetate	7.069	43	154807	59.975	ug/l	95
38) Carbon Tetrachloride	7.899	117	204334	56.838	ug/l	94
39) Methylcyclohexane	9.179	83	215166	53.211	ug/l	97
40) Benzene	8.155	78	572140	59.216	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	81628m	67.864	ug/l	
42) 1,2-Dichloroethane	8.234	62	192514	60.945	ug/l	98
43) Isopropyl Acetate	8.270	43	269391	61.832	ug/l	95
44) Trichloroethene	8.935	130	147492	57.388	ug/l	92
45) 1,2-Dichloropropane	9.215	63	157929	62.515	ug/l	98
46) Dibromomethane	9.301	93	91017	60.214	ug/l	93
47) Bromodichloromethane	9.496	83	214313	63.363	ug/l	99
48) Methyl methacrylate	9.289	41	124439	62.191	ug/l	95
49) 1,4-Dioxane	9.307	88	25386	1175.925	ug/l #	86
51) 4-Methyl-2-Pentanone	10.069	43	762101	313.906	ug/l	96
52) Toluene	10.240	92	350317	60.251	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	222824	62.248	ug/l	99
54) cis-1,3-Dichloropropene	9.923	75	247668	61.488	ug/l	96
55) 1,1,2-Trichloroethane	10.642	97	123424	61.658	ug/l	96
56) Ethyl methacrylate	10.508	69	177426	63.889	ug/l	88
57) 1,3-Dichloropropane	10.788	76	213493	62.975	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.782	63	302923	290.889	ug/l	93
59) 2-Hexanone	10.831	43	560826	317.781	ug/l	96
60) Dibromochloromethane	10.983	129	150669	61.989	ug/l	99
61) 1,2-Dibromoethane	11.087	107	120196	61.074	ug/l	99
64) Tetrachloroethene	10.715	164	124325	54.492	ug/l	97
65) Chlorobenzene	11.514	112	376283	57.571	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.587	131	147134	60.192	ug/l	99
67) Ethyl Benzene	11.587	91	672133	58.563	ug/l	98
68) m/p-Xylenes	11.697	106	511651	117.268	ug/l	97
69) o-Xylene	12.026	106	244158	59.170	ug/l	95
70) Styrene	12.038	104	426778	61.857	ug/l	100
71) Bromoform	12.203	173	103287	60.324	ug/l #	100
73) Isopropylbenzene	12.325	105	648392	54.962	ug/l	97
74) N-amyl acetate	12.142	43	239418	57.030	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.581	83	160099	55.522	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	109148m	51.889	ug/l	
77) Bromobenzene	12.605	156	159283	55.723	ug/l	91
78) n-propylbenzene	12.666	91	803424	55.291	ug/l	96
79) 2-Chlorotoluene	12.751	91	454996	56.072	ug/l	98
80) 1,3,5-Trimethylbenzene	12.806	105	543233	56.418	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.373	75	57723	56.134	ug/l	95
82) 4-Chlorotoluene	12.855	91	471800	55.784	ug/l	97
83) tert-Butylbenzene	13.074	119	470809	56.438	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	545174	58.236	ug/l	99
85) sec-Butylbenzene	13.251	105	694632	55.482	ug/l	98
86) p-Isopropyltoluene	13.367	119	570569	56.671	ug/l	99
87) 1,3-Dichlorobenzene	13.361	146	310035	56.930	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	306155	55.652	ug/l	100
89) n-Butylbenzene	13.696	91	557091	56.692	ug/l	98
90) Hexachloroethane	13.958	117	118397	55.874	ug/l	94
91) 1,2-Dichlorobenzene	13.733	146	280774	57.093	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	27805	54.598	ug/l	93
93) 1,2,4-Trichlorobenzene	15.007	180	178156	60.762	ug/l	98
94) Hexachlorobutadiene	15.111	225	102032	59.794	ug/l	98
95) Naphthalene	15.233	128	380223	59.768	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	161904	61.954	ug/l	98

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

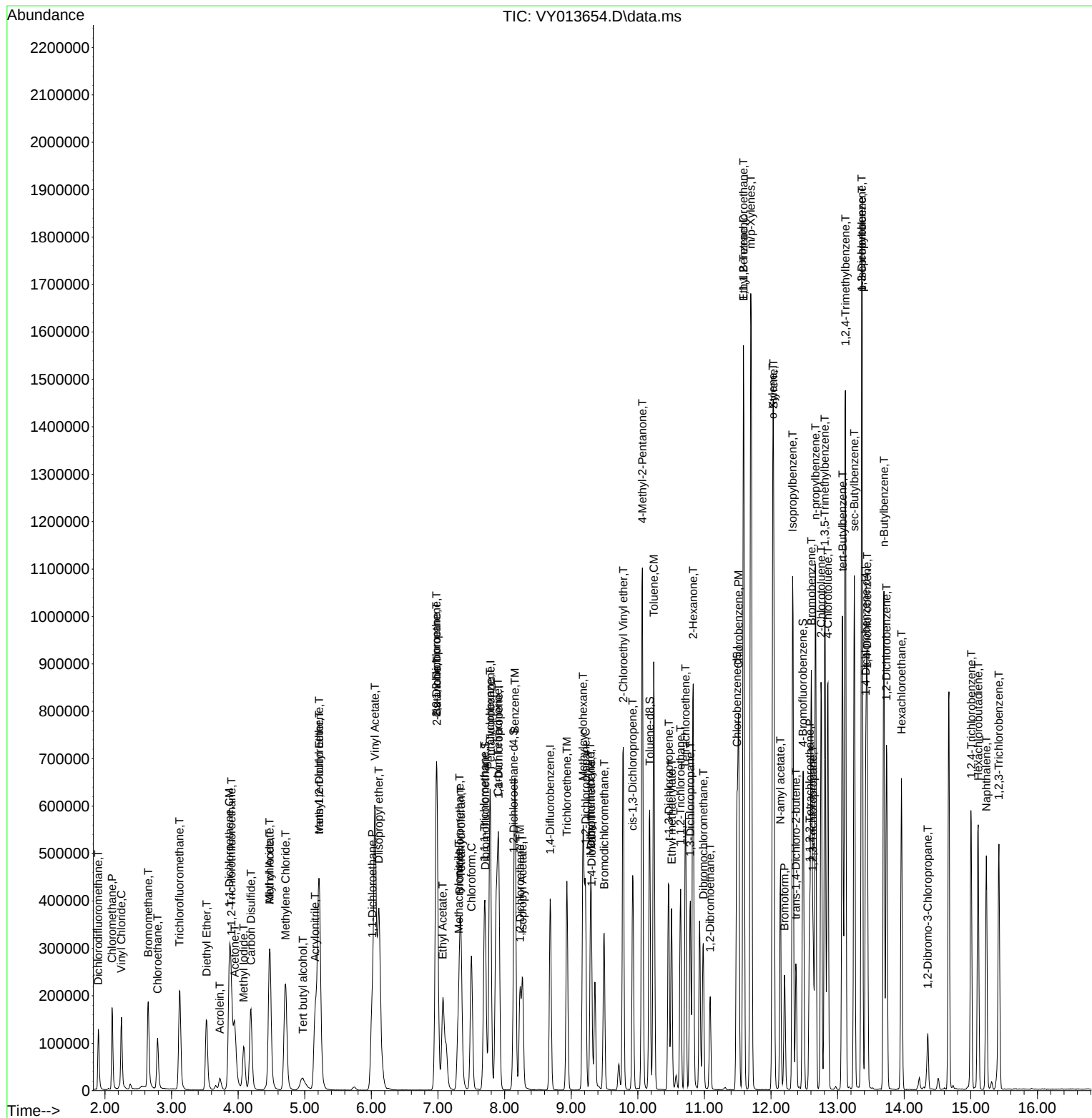
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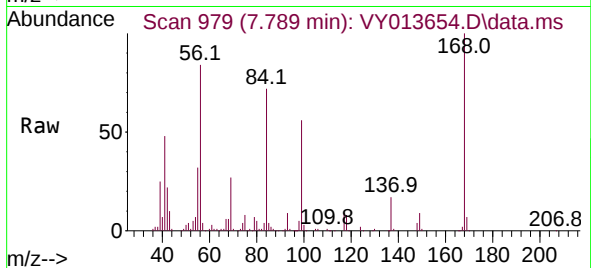
Reviewed By : John Carlone 05/09/2023
Supervised By : Mahesh Dadoda 05/09/2023





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013654.D
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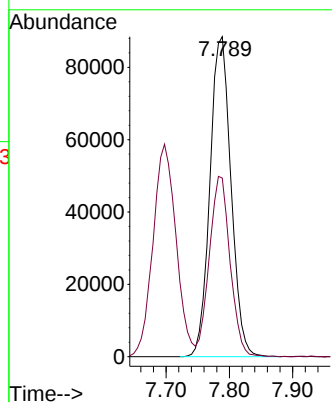
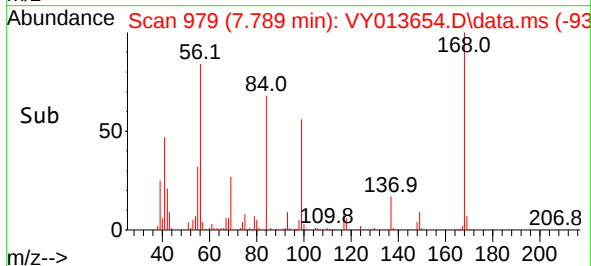
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 204560
Ion Ratio Lower Upper
168 100
99 55.8 41.8 62.6

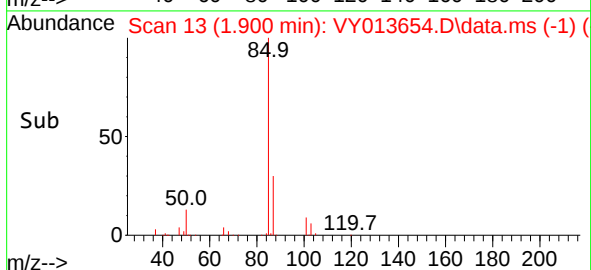
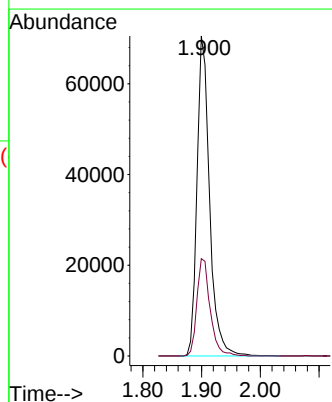
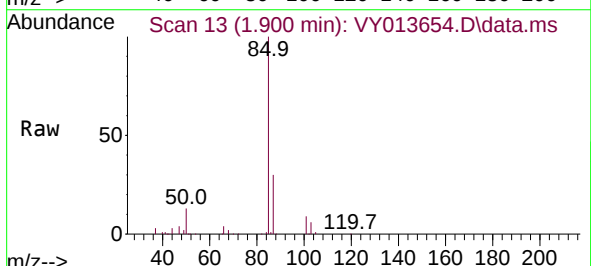
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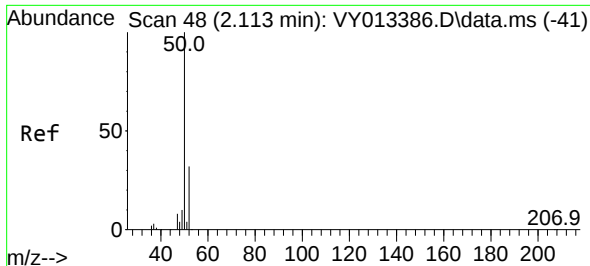
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/09/2023



#2
Dichlorodifluoromethane
Concen: 53.843 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.006 min
Lab File: VY013654.D
Acq: 08 May 2023 17:45

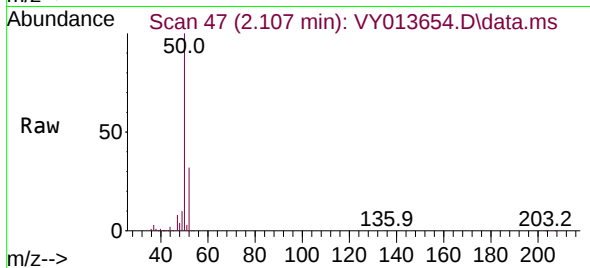
Tgt Ion: 85 Resp: 104712
Ion Ratio Lower Upper
85 100
87 30.4 16.1 48.2





#3
Chloromethane
Concen: 57.871 ug/l
RT: 2.107 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY013654.D
Acq: 08 May 2023 17:45

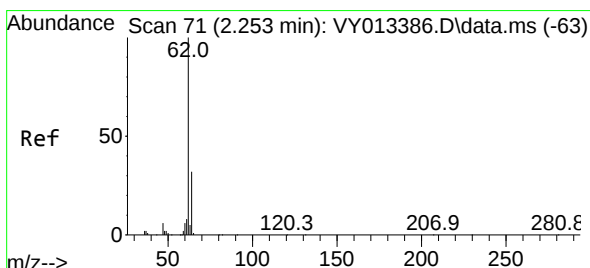
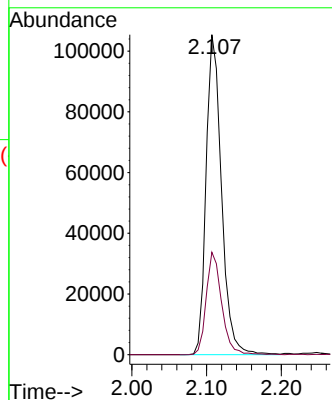
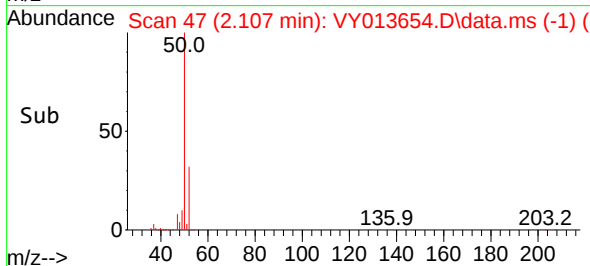
Instrument :
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Tgt Ion: 50 Resp: 150859
Ion Ratio Lower Upper
50 100
52 32.0 25.9 38.9

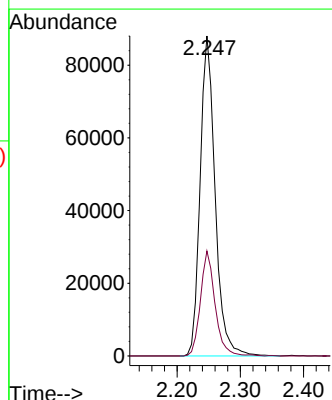
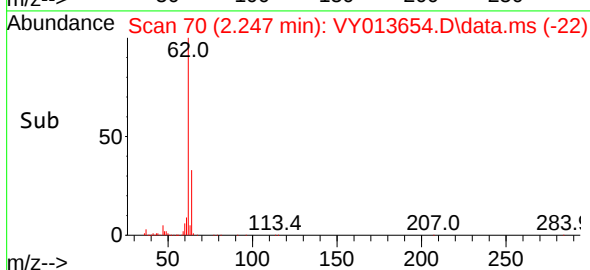
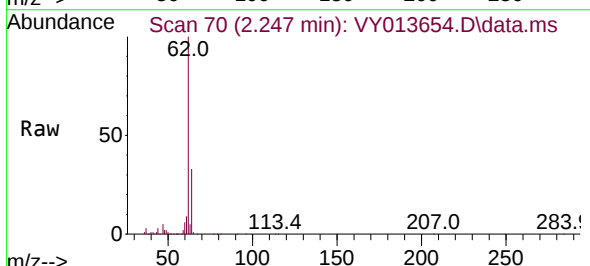
Manual Integrations
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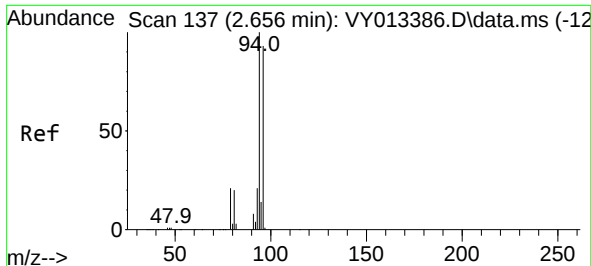
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/09/2023



#4
Vinyl Chloride
Concen: 56.039 ug/l
RT: 2.247 min Scan# 70
Delta R.T. -0.006 min
Lab File: VY013654.D
Acq: 08 May 2023 17:45

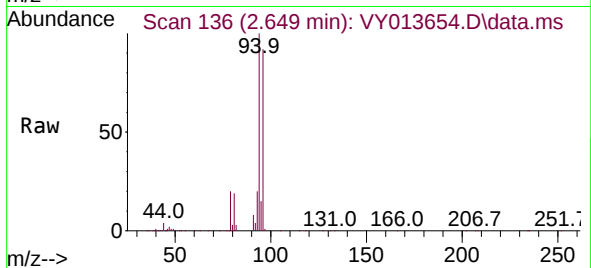
Tgt Ion: 62 Resp: 145455
Ion Ratio Lower Upper
62 100
64 32.8 25.4 38.0





#5
Bromomethane
Concen: 57.086 ug/l
RT: 2.649 min Scan# 11
Delta R.T. -0.007 min
Lab File: VY013654.D
Acq: 08 May 2023 17:45

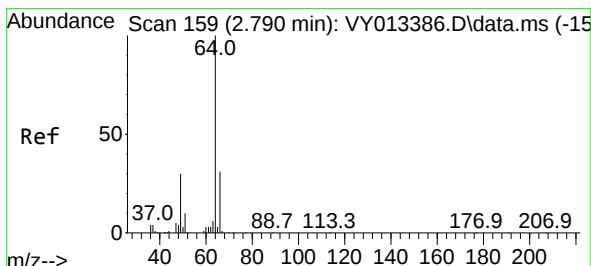
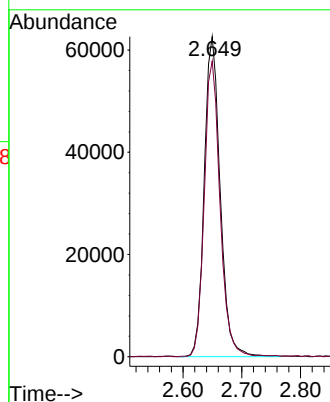
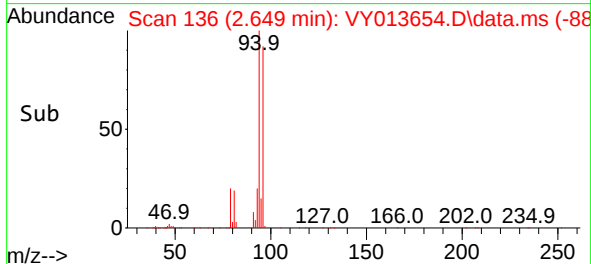
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Tgt Ion: 94 Resp: 11807
Ion Ratio Lower Upper
94 100
96 92.2 74.2 111.2

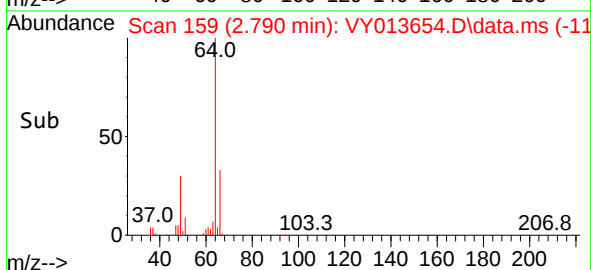
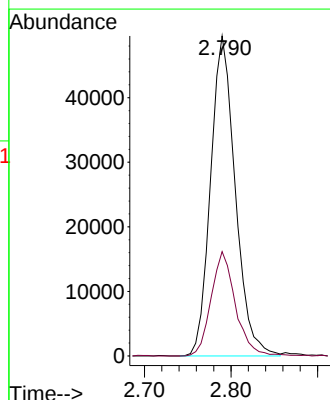
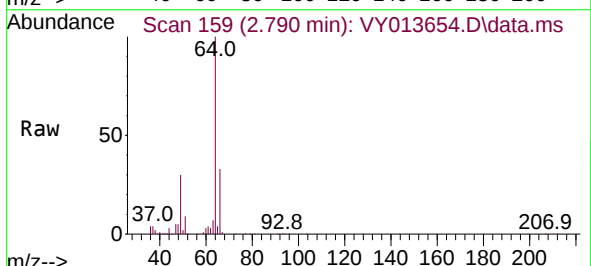
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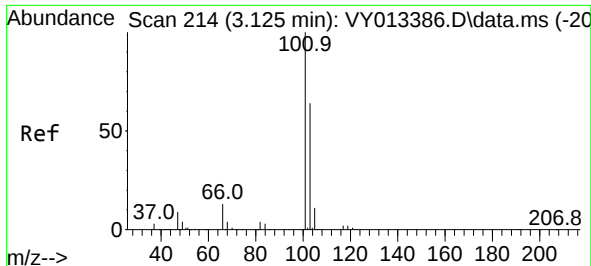
Reviewed By :John Carlone 05/09/2023
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#6
Chloroethane
Concen: 54.769 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.000 min
Lab File: VY013654.D
Acq: 08 May 2023 17:45

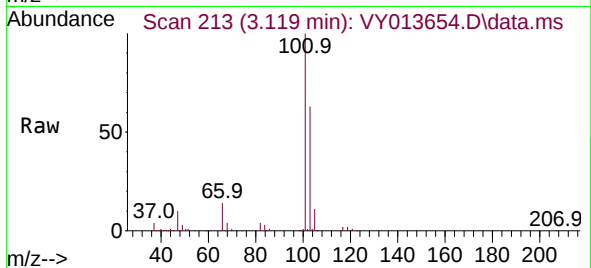
Tgt Ion: 64 Resp: 98208
Ion Ratio Lower Upper
64 100
66 32.6 24.6 37.0





#7
Trichlorofluoromethane
Concen: 55.798 ug/l
RT: 3.119 min Scan# 214
Delta R.T. -0.006 min
Lab File: VY013654.D
Acq: 08 May 2023 17:45

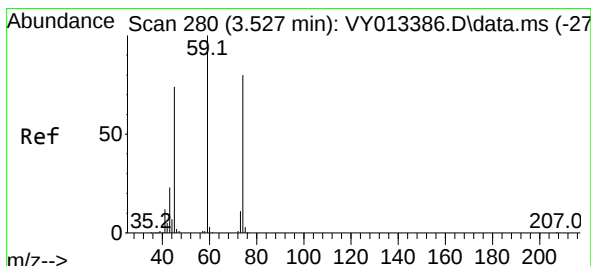
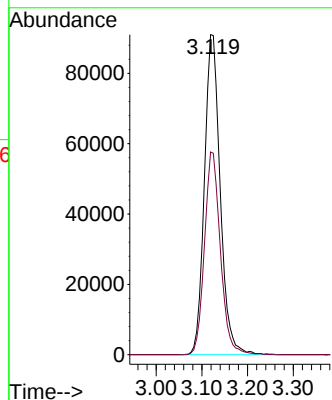
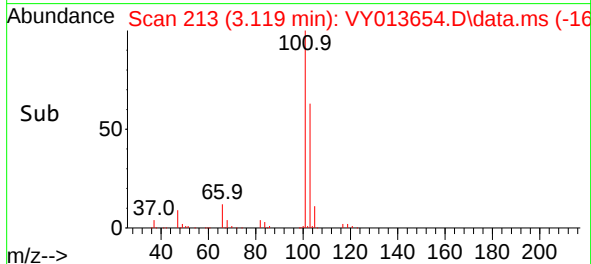
Instrument :
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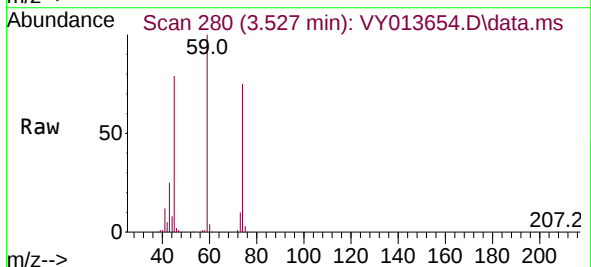
Tgt Ion:101 Resp: 21940
Ion Ratio Lower Upper
101 100
103 63.4 51.6 77.4

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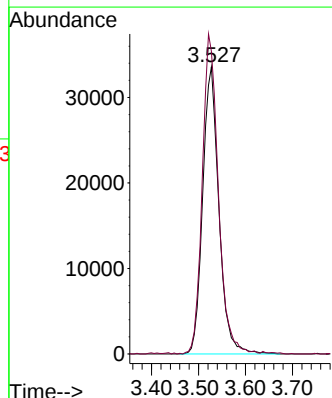
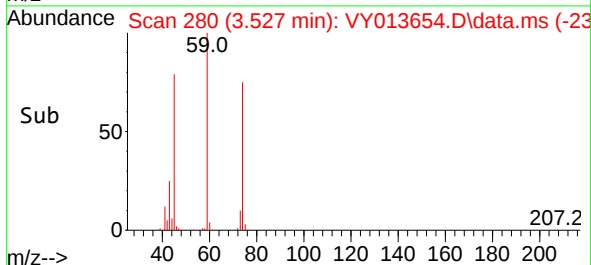
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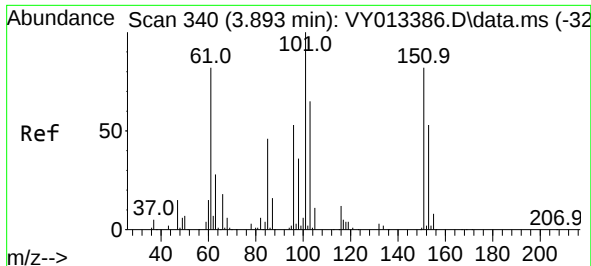


#8
Diethyl Ether
Concen: 59.920 ug/l
RT: 3.527 min Scan# 280
Delta R.T. 0.000 min
Lab File: VY013654.D
Acq: 08 May 2023 17:45



Tgt Ion: 74 Resp: 80233
Ion Ratio Lower Upper
74 100
45 110.8 48.2 144.6





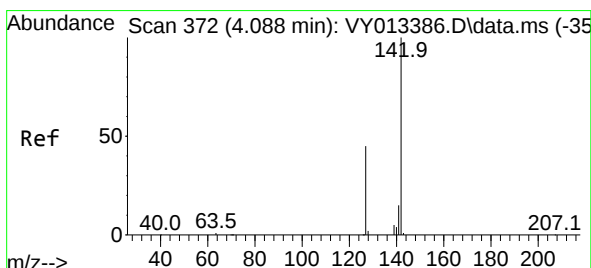
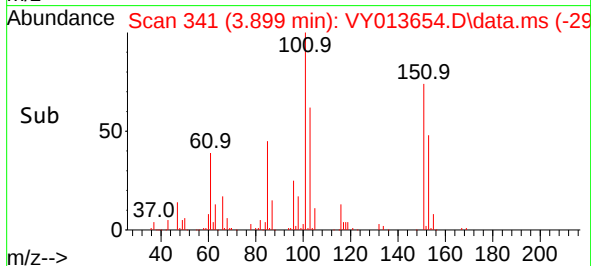
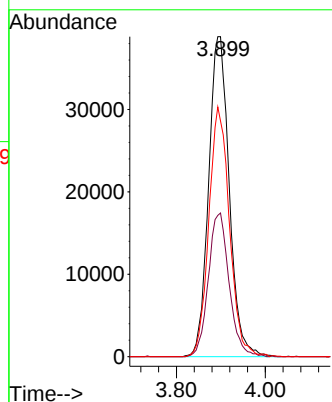
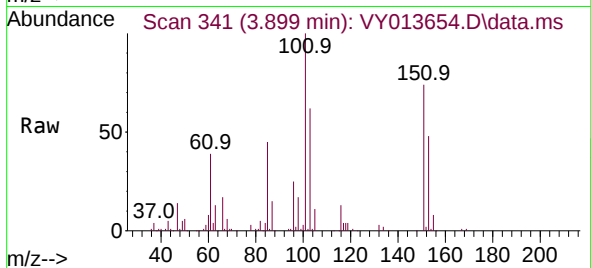
#9
1,1,2-Trichlorotrifluoroethane
Concen: 56.779 ug/l
RT: 3.899 min Scan# 340
Delta R.T. 0.006 min
Lab File: VY013654.D
Acq: 08 May 2023 17:45

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 12523
Ion Ratio Lower Upper
101 100
85 45.2 35.6 53.4
151 78.0 68.0 102.0

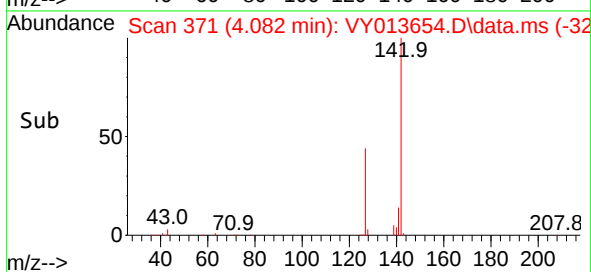
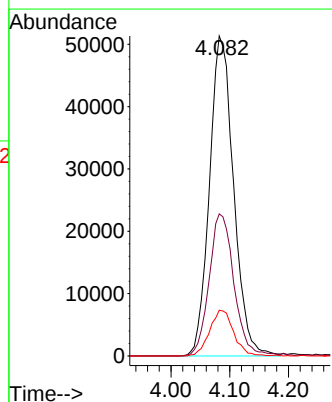
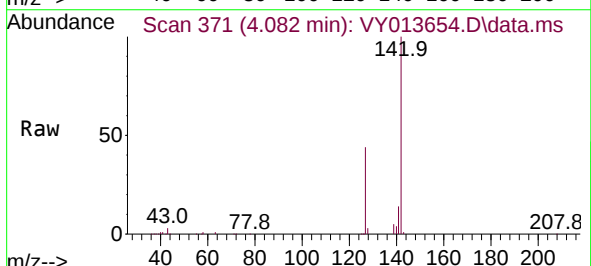
Manual Integrations
APPROVED

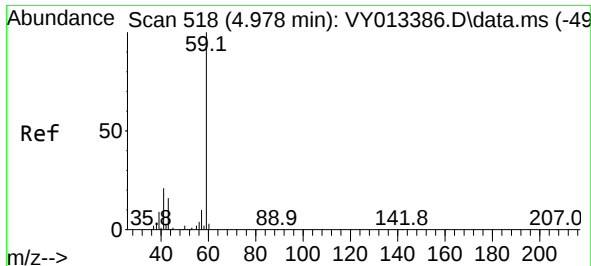
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/09/2023



#10
Methyl Iodide
Concen: 52.841 ug/l
RT: 4.082 min Scan# 371
Delta R.T. -0.006 min
Lab File: VY013654.D
Acq: 08 May 2023 17:45

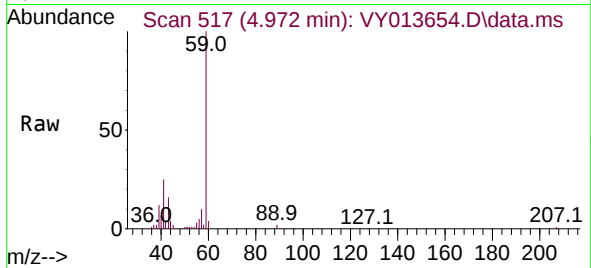
Tgt Ion:142 Resp: 146378
Ion Ratio Lower Upper
142 100
127 45.6 36.1 54.1
141 14.2 11.6 17.4





#11
Tert butyl alcohol
Concen: 300.643 ug/l
RT: 4.972 min Scan# 518
Delta R.T. -0.006 min
Lab File: VY013654.D
Acq: 08 May 2023 17:45

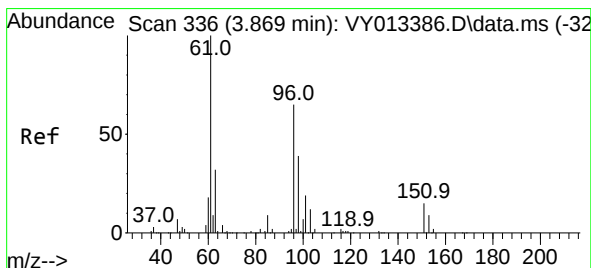
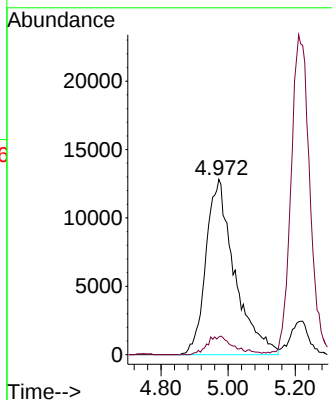
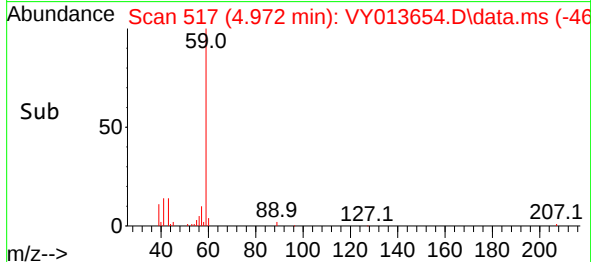
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 59 Resp: 75970
Ion Ratio Lower Upper
59 100
57 9.0 3.0 4.4

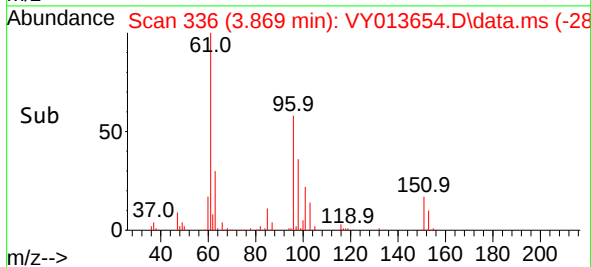
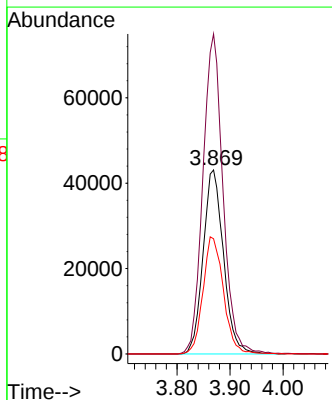
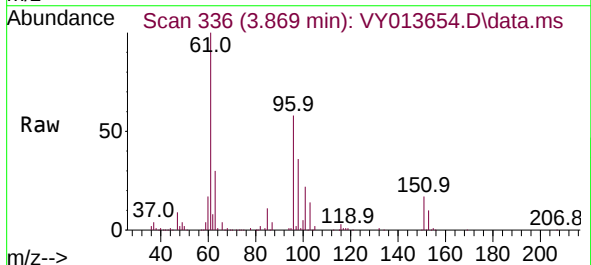
Manual Integrations
APPROVED

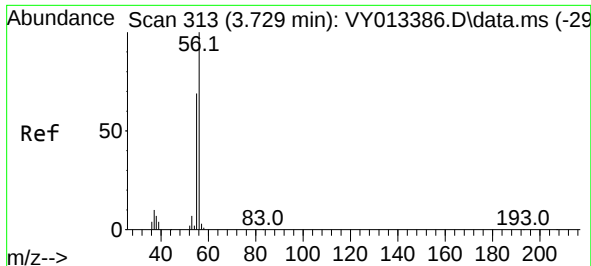
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/09/2023



#12
1,1-Dichloroethene
Concen: 54.279 ug/l
RT: 3.869 min Scan# 336
Delta R.T. -0.000 min
Lab File: VY013654.D
Acq: 08 May 2023 17:45

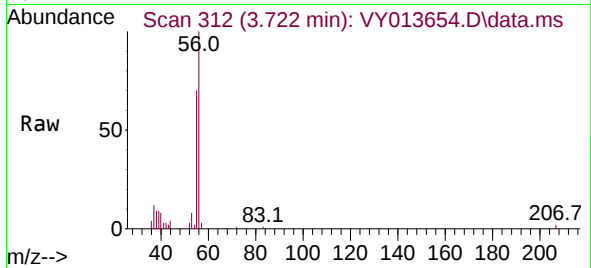
Tgt Ion: 96 Resp: 115398
Ion Ratio Lower Upper
96 100
61 173.9 123.9 185.9
98 62.6 48.9 73.3





#13
Acrolein
Concen: 150.601 ug/l
RT: 3.722 min Scan# 313
Delta R.T. -0.007 min
Lab File: VY013654.D
Acq: 08 May 2023 17:45

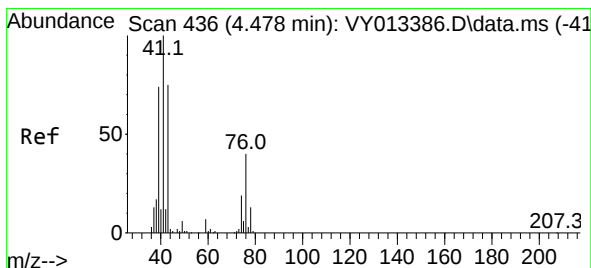
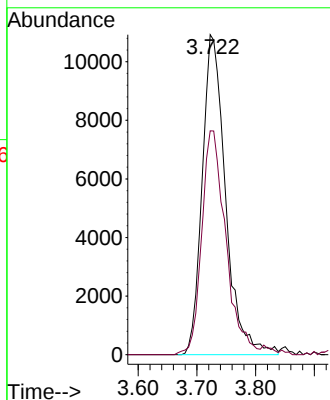
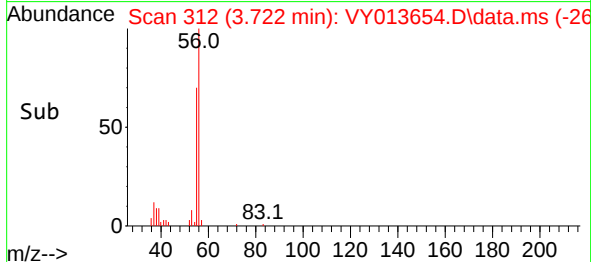
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 30198
Ion Ratio Lower Upper
56 100
55 71.8 54.1 81.1

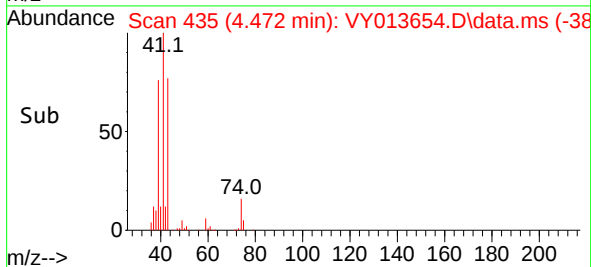
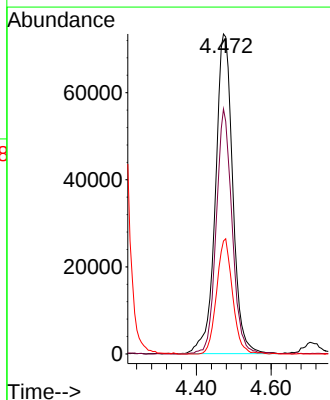
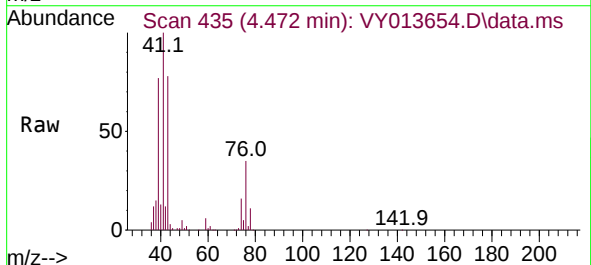
Manual Integrations
APPROVED

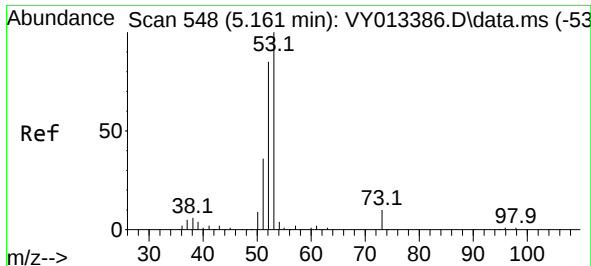
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/09/2023



#14
Allyl chloride
Concen: 59.961 ug/l
RT: 4.472 min Scan# 435
Delta R.T. -0.006 min
Lab File: VY013654.D
Acq: 08 May 2023 17:45

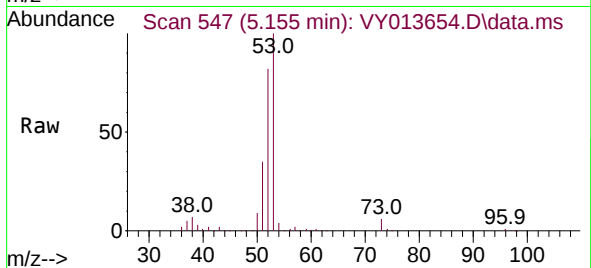
Tgt Ion: 41 Resp: 236536
Ion Ratio Lower Upper
41 100
39 70.3 56.6 85.0
76 33.1 30.5 45.7





#15
Acrylonitrile
Concen: 315.407 ug/l
RT: 5.155 min Scan# 548
Delta R.T. -0.006 min
Lab File: VY013654.D
Acq: 08 May 2023 17:45

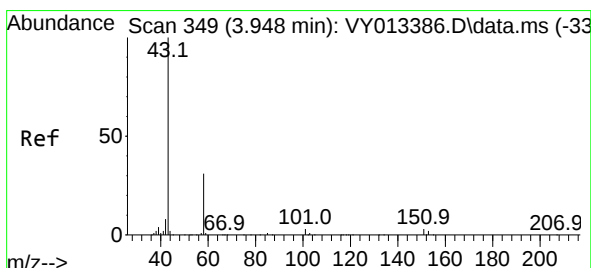
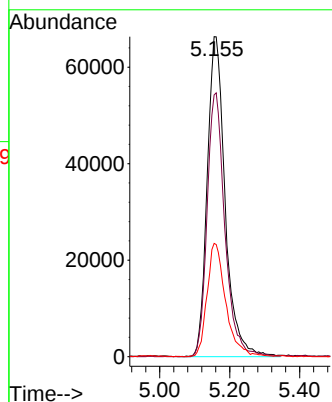
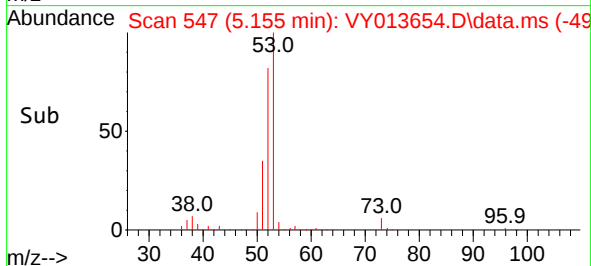
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 23652
Ion Ratio Lower Upper
53 100
52 81.8 65.4 98.0
51 36.9 29.3 43.9

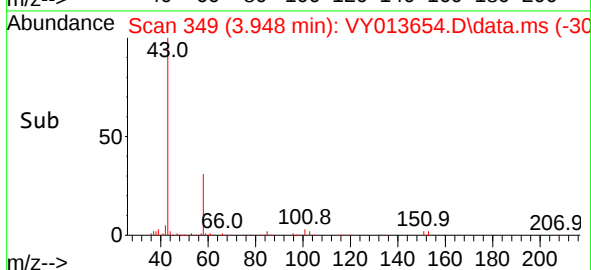
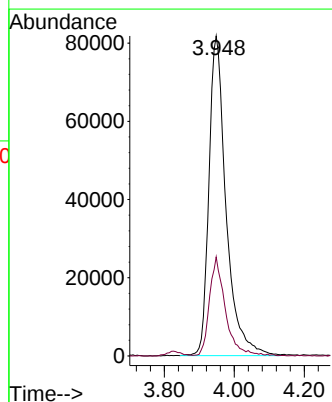
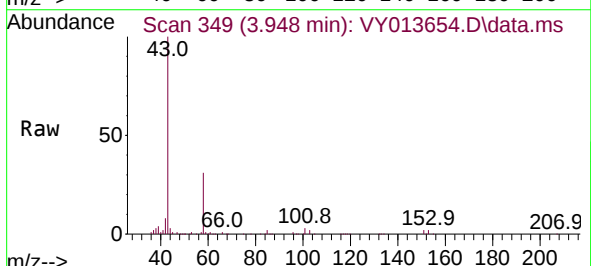
Manual Integrations
APPROVED

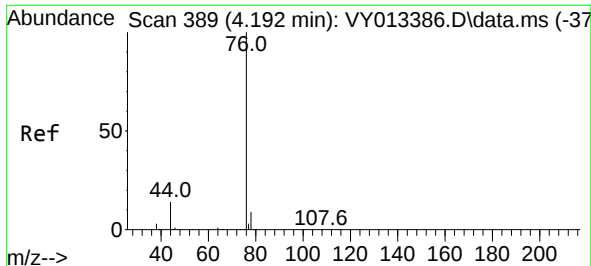
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/09/2023



#16
Acetone
Concen: 314.492 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY013654.D
Acq: 08 May 2023 17:45

Tgt Ion: 43 Resp: 277733
Ion Ratio Lower Upper
43 100
58 30.8 25.4 38.0





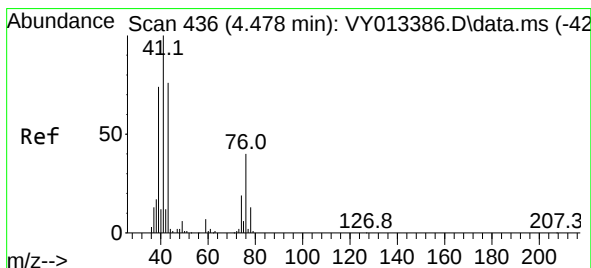
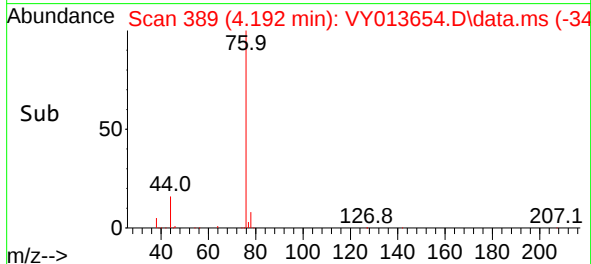
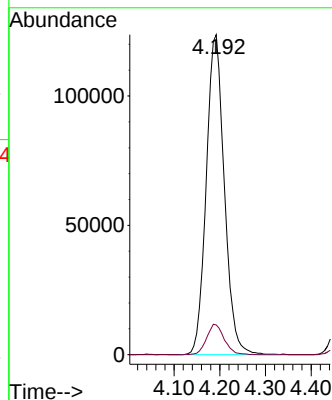
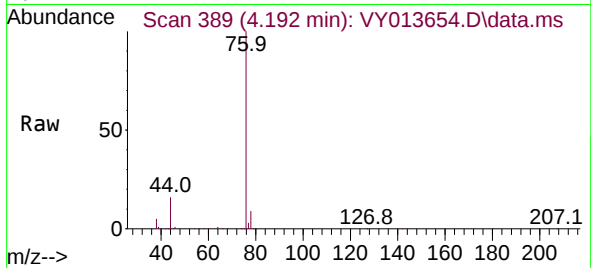
#17
Carbon Disulfide
Concen: 49.280 ug/l
RT: 4.192 min Scan# 389
Delta R.T. -0.000 min
Lab File: VY013654.D
Acq: 08 May 2023 17:45

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 340330
Ion Ratio Lower Upper
76 100
78 9.3 7.2 10.8

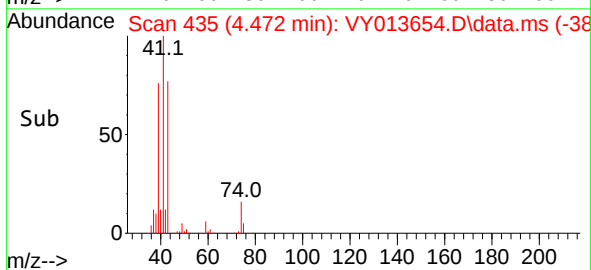
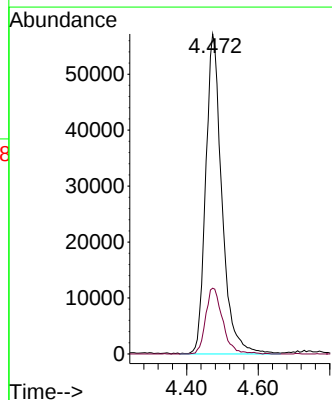
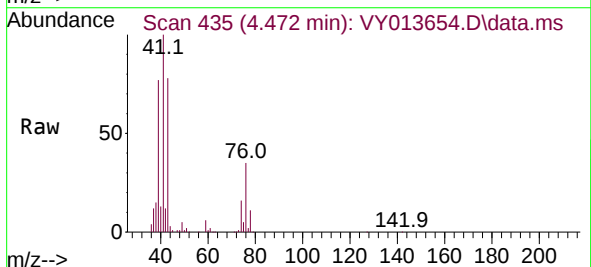
Manual Integrations
APPROVED

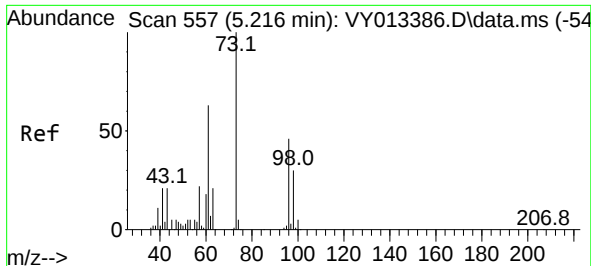
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/09/2023



#18
Methyl Acetate
Concen: 61.700 ug/l
RT: 4.472 min Scan# 435
Delta R.T. -0.006 min
Lab File: VY013654.D
Acq: 08 May 2023 17:45

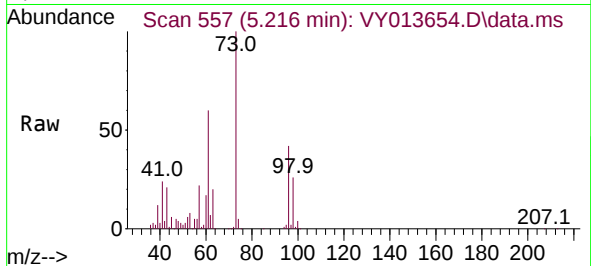
Tgt Ion: 43 Resp: 179963
Ion Ratio Lower Upper
43 100
74 21.6 19.4 29.2





#19
Methyl tert-butyl Ether
Concen: 62.492 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY013654.D
Acq: 08 May 2023 17:45

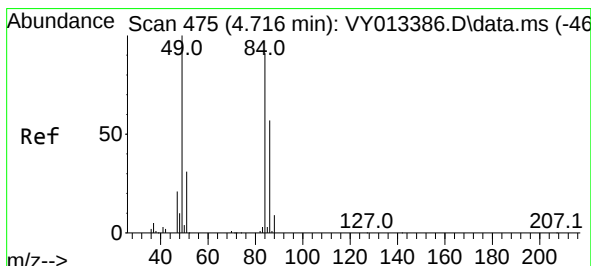
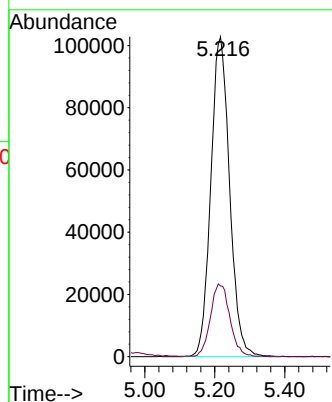
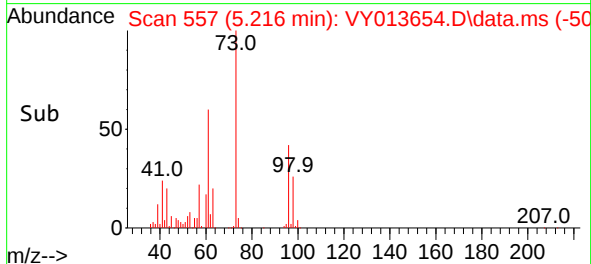
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 73 Resp: 383560
Ion Ratio Lower Upper
73 100
57 22.1 17.8 26.8

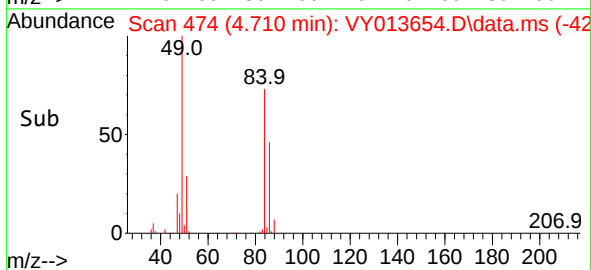
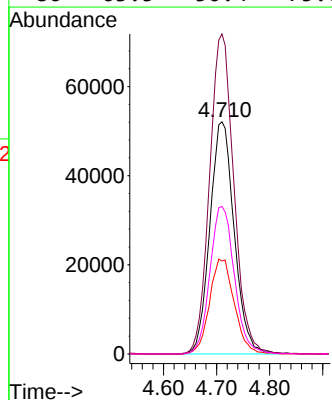
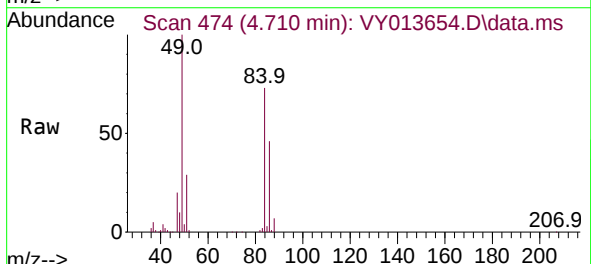
Manual Integrations
APPROVED

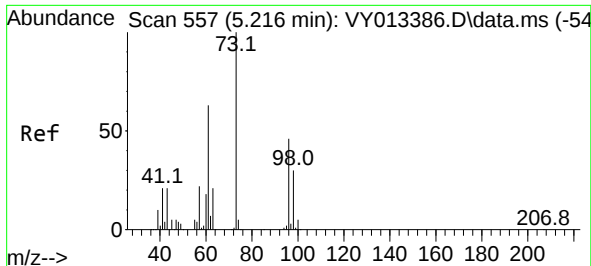
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/09/2023



#20
Methylene Chloride
Concen: 62.059 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY013654.D
Acq: 08 May 2023 17:45

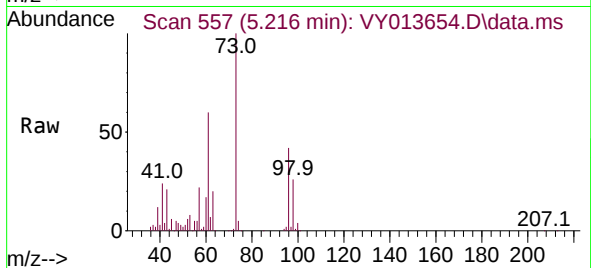
Tgt Ion: 84 Resp: 166294
Ion Ratio Lower Upper
84 100
49 137.9 88.0 132.0#
51 40.0 27.4 41.0
86 63.5 50.4 75.6





#21
trans-1,2-Dichloroethene
Concen: 57.584 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY013654.D
Acq: 08 May 2023 17:45

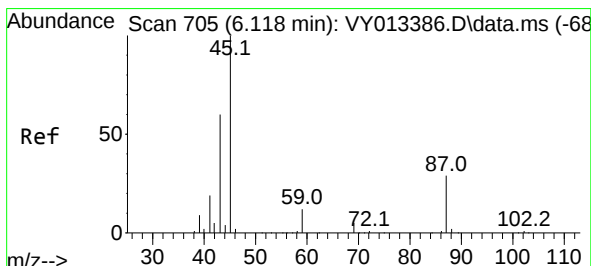
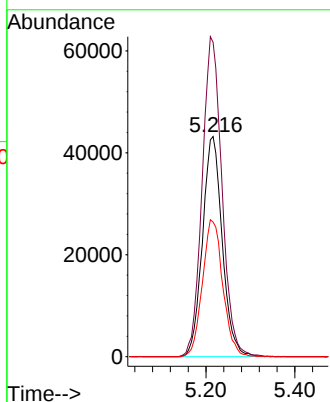
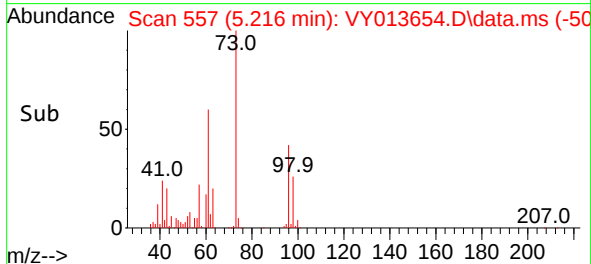
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



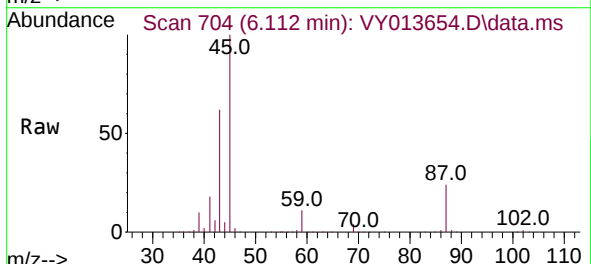
Tgt Ion: 96 Resp: 13385
Ion Ratio Lower Upper
96 100
61 142.8 110.6 165.8
98 61.1 53.1 79.7

Manual Integrations
APPROVED

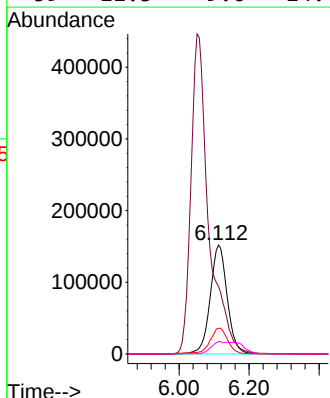
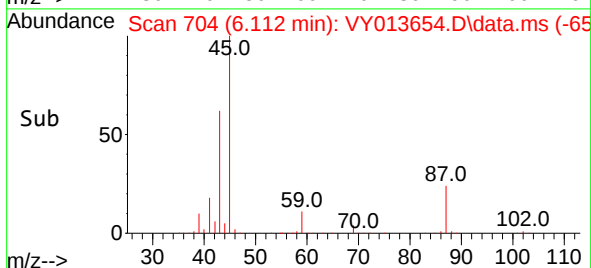
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/09/2023

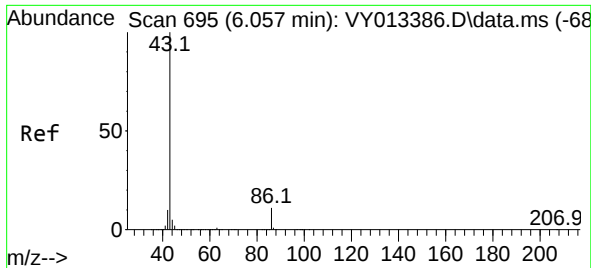


#22
Diisopropyl ether
Concen: 66.353 ug/l
RT: 6.112 min Scan# 704
Delta R.T. -0.006 min
Lab File: VY013654.D
Acq: 08 May 2023 17:45



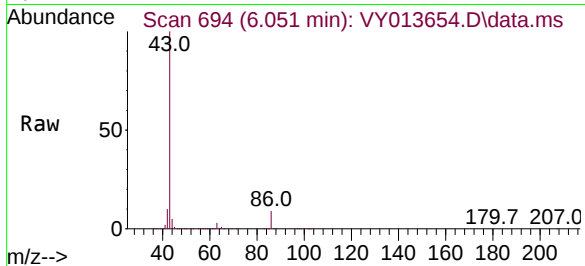
Tgt Ion: 45 Resp: 511612
Ion Ratio Lower Upper
45 100
43 61.8 48.4 72.6
87 23.6 23.8 35.6#
59 11.3 9.6 14.4





#23
 Vinyl Acetate
 Concen: 360.116 ug/l
 RT: 6.051 min Scan# 695
 Delta R.T. -0.006 min
 Lab File: VY013654.D
 Acq: 08 May 2023 17:45

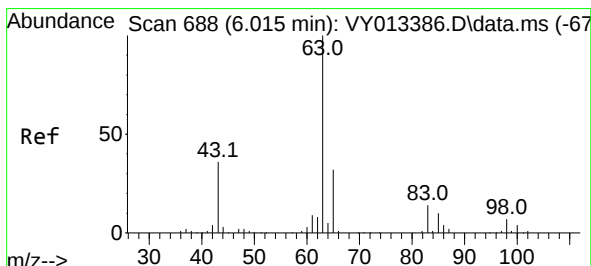
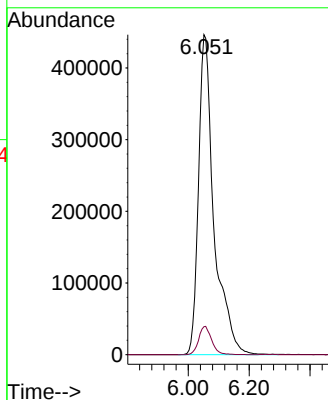
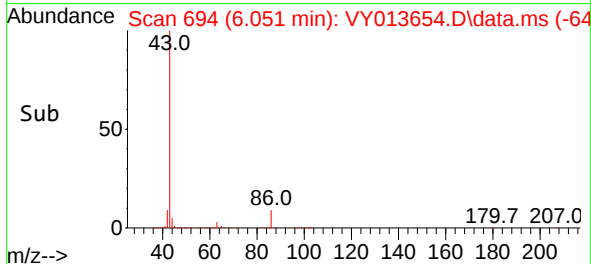
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 43 Resp: 157213
 Ion Ratio Lower Upper
 43 100
 86 8.8 8.5 12.7

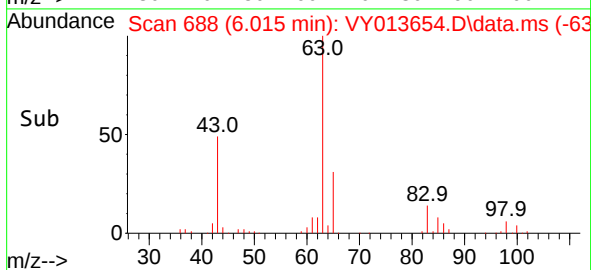
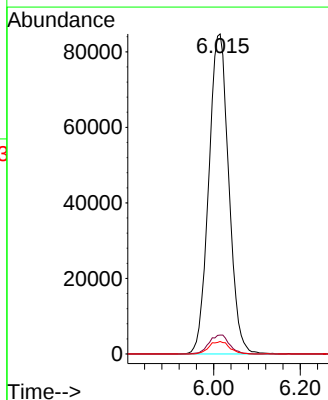
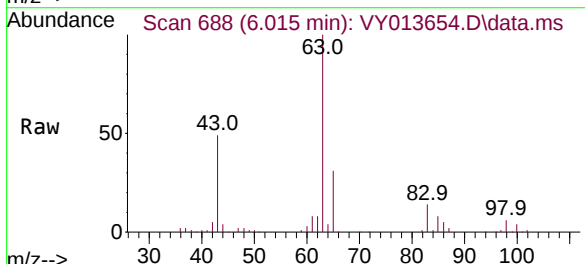
Manual Integrations
 APPROVED

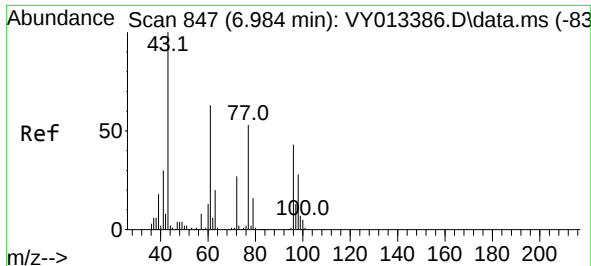
Reviewed By :John Carlone 05/09/2023
 Supervised By :Mahesh Dadoda 05/09/2023



#24
 1,1-Dichloroethane
 Concen: 63.193 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.000 min
 Lab File: VY013654.D
 Acq: 08 May 2023 17:45

Tgt Ion: 63 Resp: 271561
 Ion Ratio Lower Upper
 63 100
 98 5.9 3.5 10.6
 100 3.9 2.2 6.6





#25

2-Butanone

Concen: 318.543 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY013654.D

Acq: 08 May 2023 17:45

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 356764

Ion Ratio Lower Upper

43 100

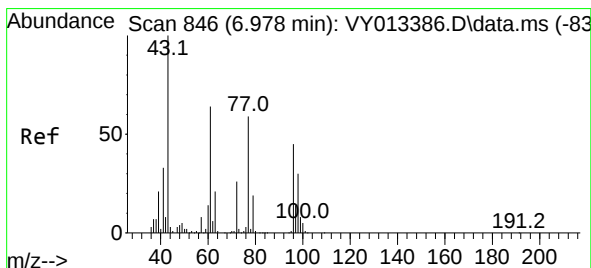
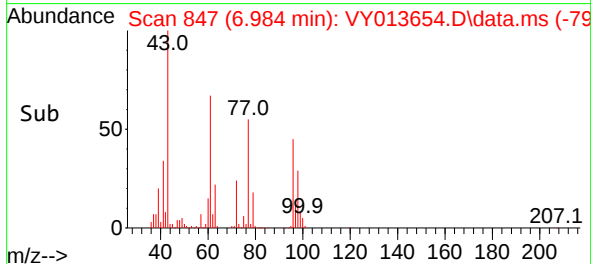
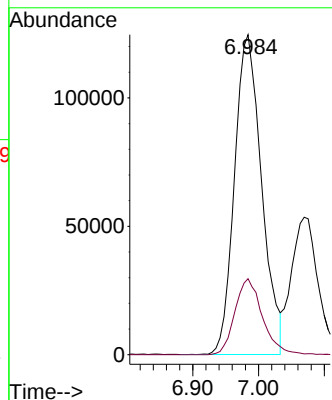
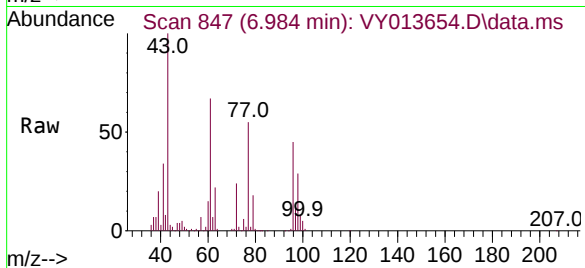
72 23.7 21.9 32.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/09/2023

Supervised By :Mahesh Dadoda 05/09/2023



#26

2,2-Dichloropropane

Concen: 60.912 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.000 min

Lab File: VY013654.D

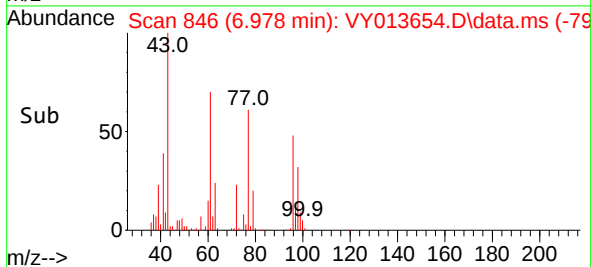
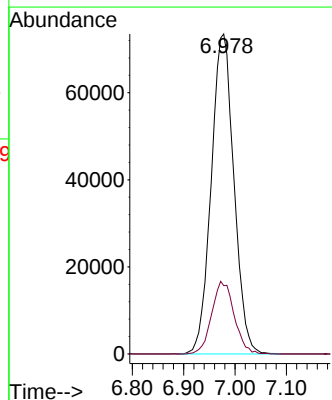
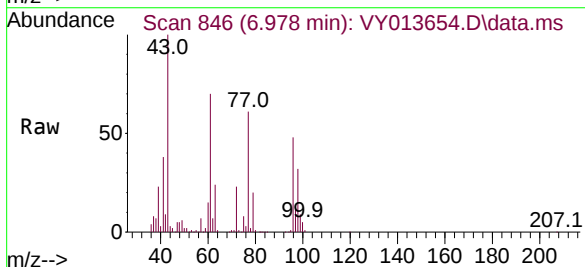
Acq: 08 May 2023 17:45

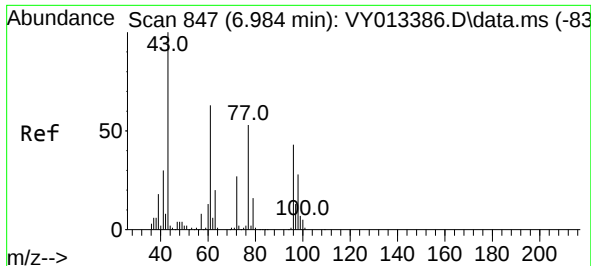
Tgt Ion: 77 Resp: 225557

Ion Ratio Lower Upper

77 100

97 22.5 11.8 35.4





#27

cis-1,2-Dichloroethene

Concen: 61.817 ug/l

RT: 6.978 min Scan# 84

Delta R.T. -0.006 min

Lab File: VY013654.D

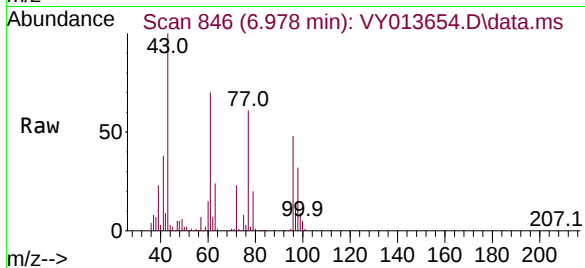
Acq: 08 May 2023 17:45

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 96 Resp: 15876

Ion Ratio Lower Upper

96 100

61 151.8 0.0 285.0

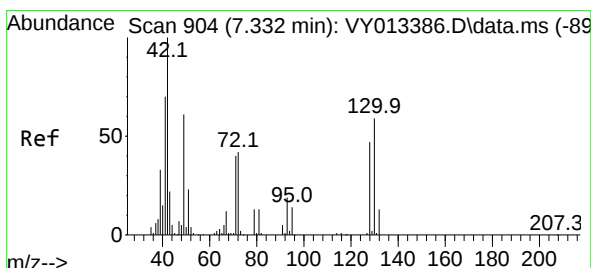
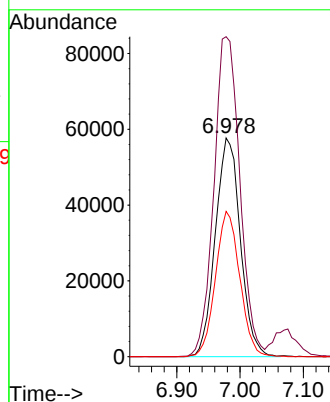
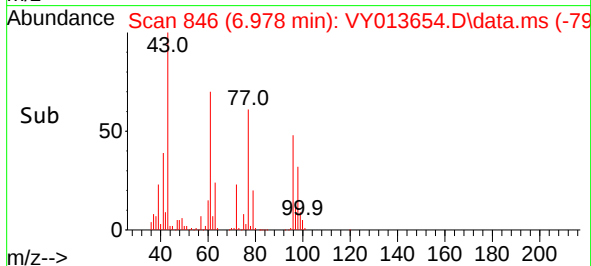
98 64.5 0.0 130.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/09/2023

Supervised By :Mahesh Dadoda 05/09/2023



#28

Bromochloromethane

Concen: 62.434 ug/l

RT: 7.325 min Scan# 903

Delta R.T. -0.007 min

Lab File: VY013654.D

Acq: 08 May 2023 17:45

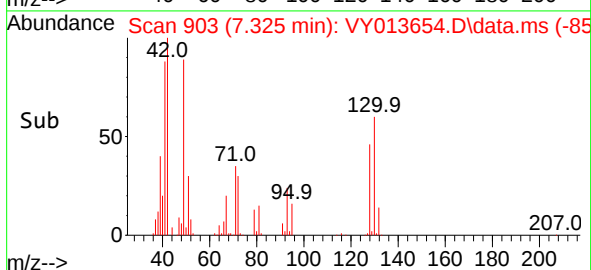
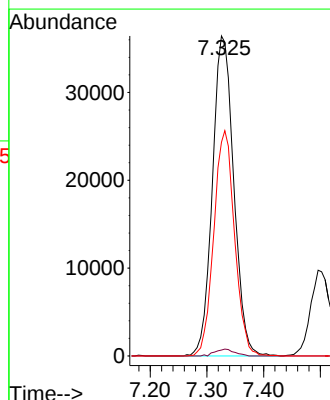
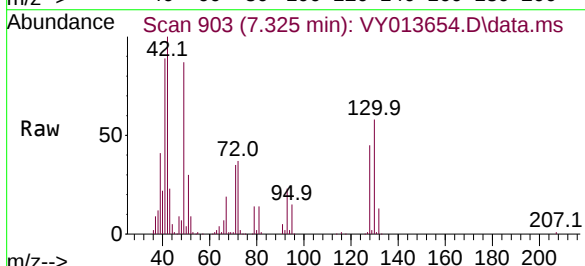
Tgt Ion: 49 Resp: 95208

Ion Ratio Lower Upper

49 100

129 2.0 0.0 5.2

130 68.5 72.1 108.1#





#29

Tetrahydrofuran

Concen: 315.224 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.000 min

Lab File: VY013654.D

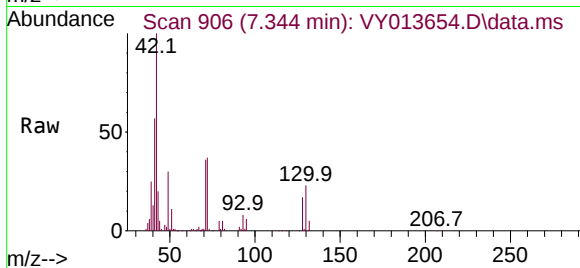
Acq: 08 May 2023 17:45

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC



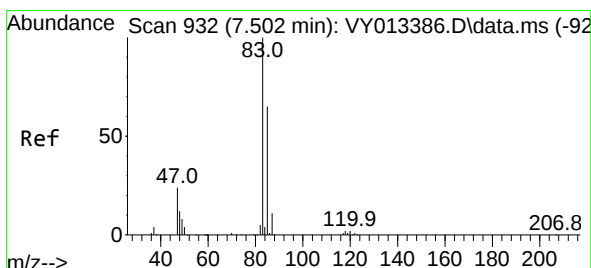
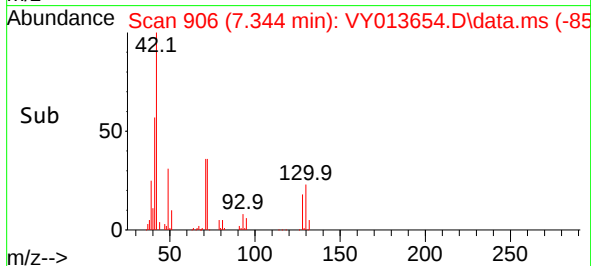
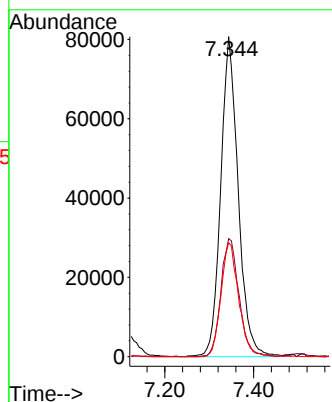
Tgt Ion:	42	Resp:	21976
Ion Ratio	100	Lower	Upper
42	100		
72	38.1	35.9	53.9
71	36.1	34.3	51.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/09/2023

Supervised By :Mahesh Dadoda 05/09/2023



#30

Chloroform

Concen: 63.628 ug/l

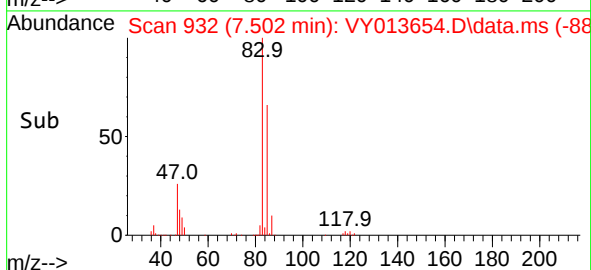
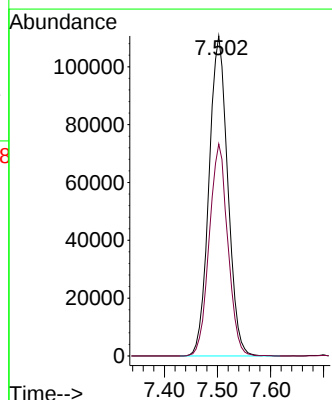
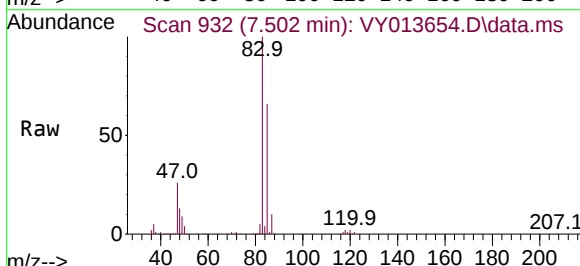
RT: 7.502 min Scan# 932

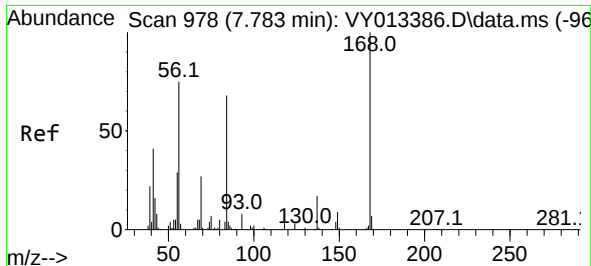
Delta R.T. 0.000 min

Lab File: VY013654.D

Acq: 08 May 2023 17:45

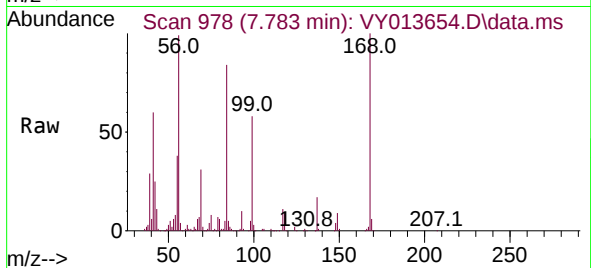
Tgt Ion:	83	Resp:	271859
Ion Ratio	100	Lower	Upper
83	100		
85	66.3	52.0	78.0





#31
Cyclohexane
Concen: 52.591 ug/l
RT: 7.783 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY013654.D
Acq: 08 May 2023 17:45

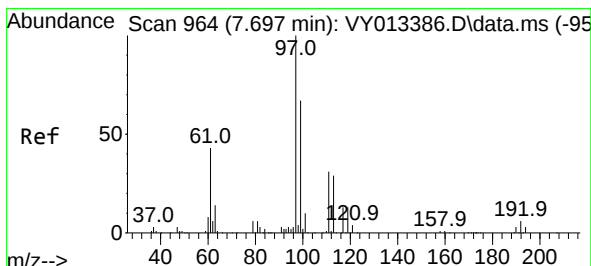
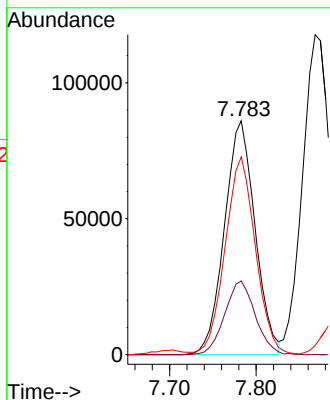
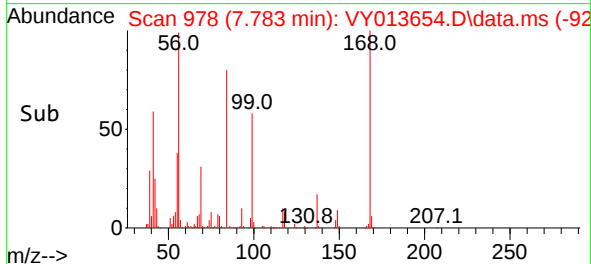
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



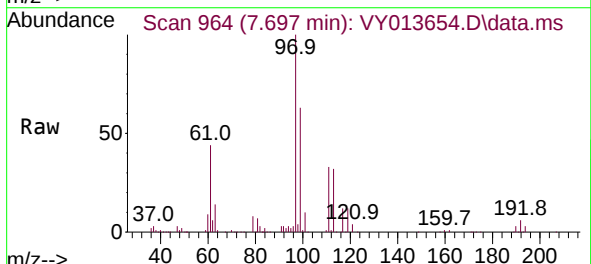
Tgt Ion: 56 Resp: 211152
Ion Ratio Lower Upper
56 100
69 31.6 29.2 43.8
84 83.1 73.0 109.6

Manual Integrations
APPROVED

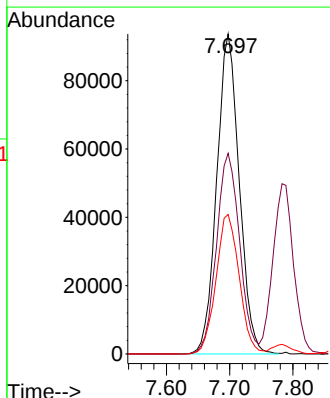
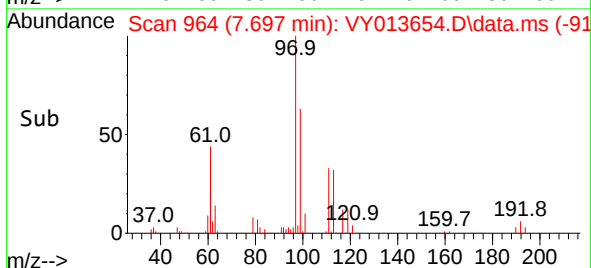
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/09/2023

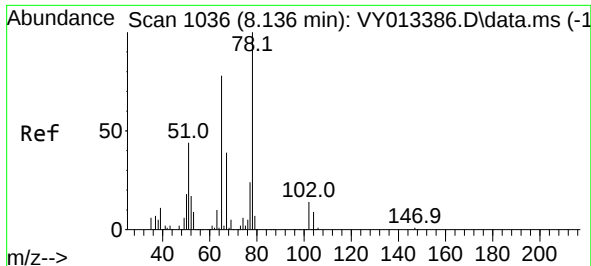


#32
1,1,1-Trichloroethane
Concen: 60.543 ug/l
RT: 7.697 min Scan# 964
Delta R.T. 0.000 min
Lab File: VY013654.D
Acq: 08 May 2023 17:45



Tgt Ion: 97 Resp: 230829
Ion Ratio Lower Upper
97 100
99 64.8 52.2 78.2
61 45.1 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 57.123 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY013654.D

Acq: 08 May 2023 17:45

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 128099

Ion Ratio Lower Upper

65 100

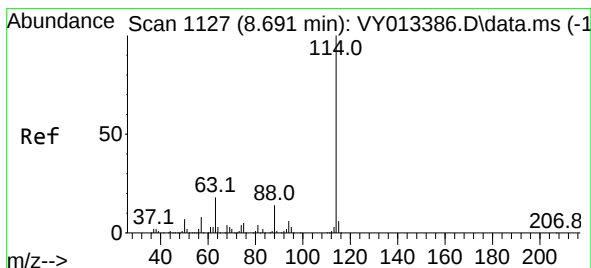
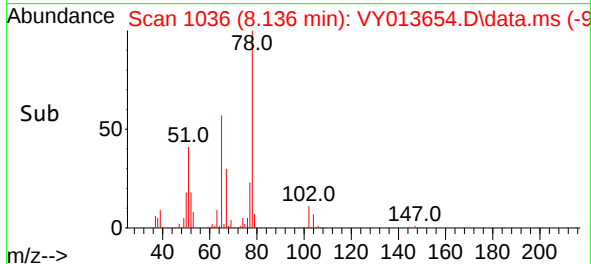
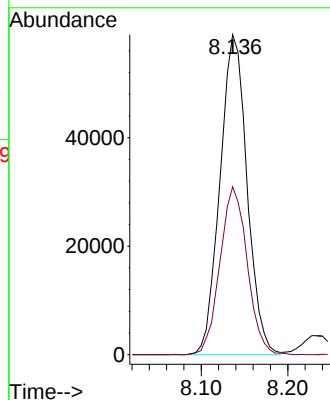
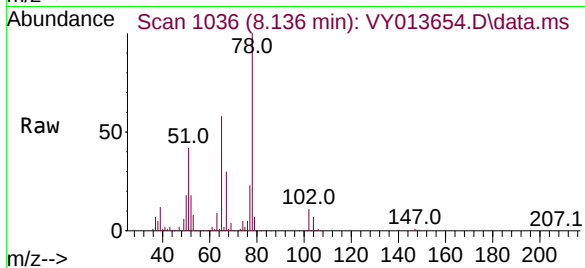
67 52.8 0.0 103.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/09/2023

Supervised By :Mahesh Dadoda 05/09/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY013654.D

Acq: 08 May 2023 17:45

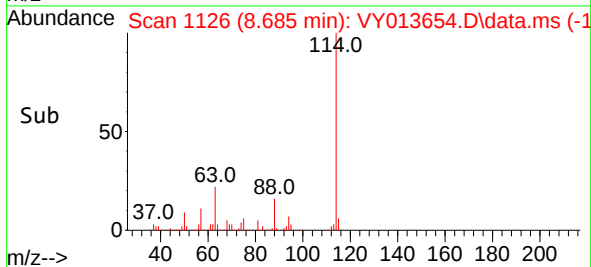
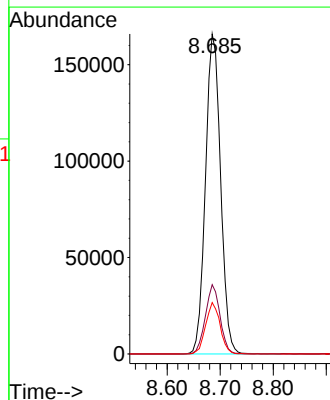
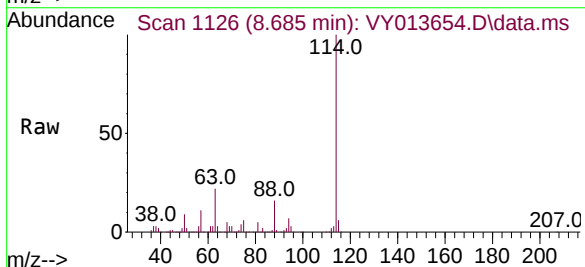
Tgt Ion:114 Resp: 328596

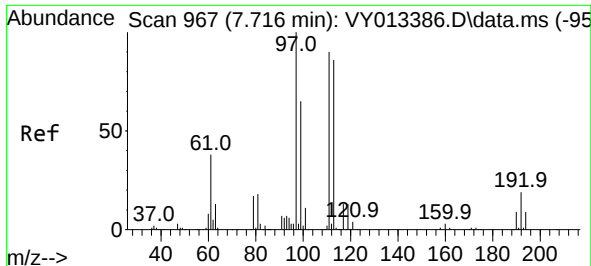
Ion Ratio Lower Upper

114 100

63 21.7 0.0 36.6

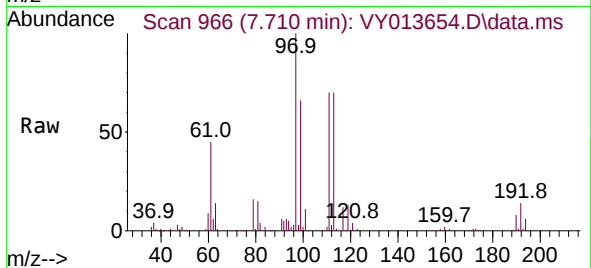
88 16.1 0.0 28.8





#35
Dibromofluoromethane
Concen: 55.822 ug/l
RT: 7.710 min Scan# 90
Delta R.T. -0.006 min
Lab File: VY013654.D
Acq: 08 May 2023 17:45

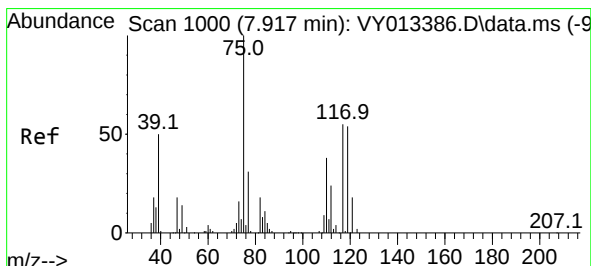
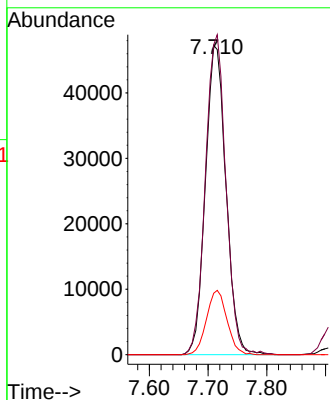
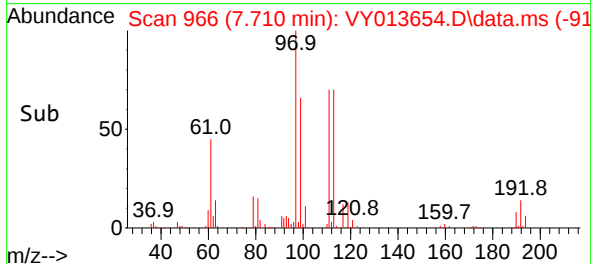
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



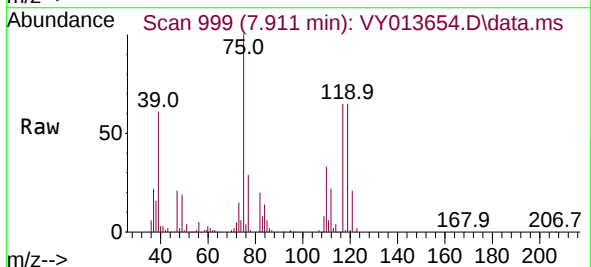
Tgt Ion:113 Resp: 115368
Ion Ratio Lower Upper
113 100
111 102.9 82.2 123.2
192 20.7 16.7 25.1

Manual Integrations
APPROVED

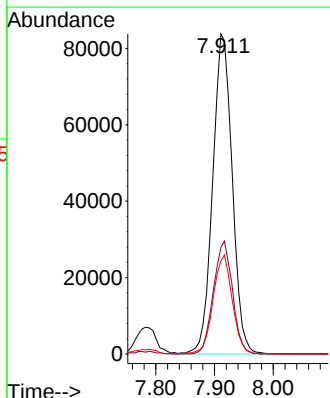
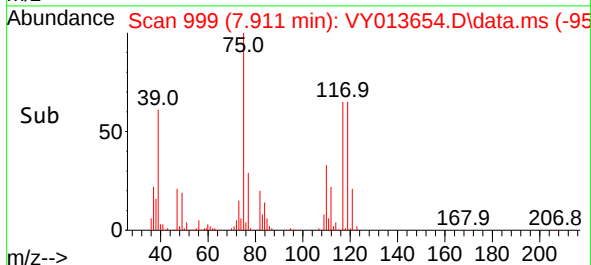
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/09/2023

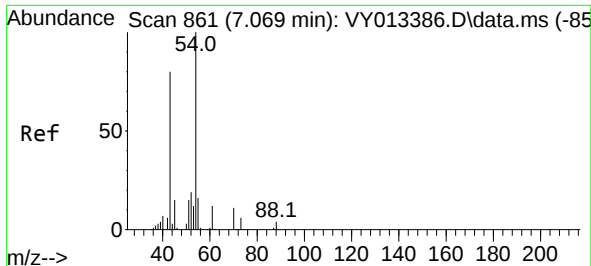


#36
1,1-Dichloropropene
Concen: 56.392 ug/l
RT: 7.911 min Scan# 999
Delta R.T. -0.006 min
Lab File: VY013654.D
Acq: 08 May 2023 17:45



Tgt Ion: 75 Resp: 193425
Ion Ratio Lower Upper
75 100
110 34.3 18.7 56.1
77 30.5 24.6 37.0





#37

Ethyl Acetate

Concen: 59.975 ug/l

RT: 7.069 min Scan# 80

Delta R.T. 0.000 min

Lab File: VY013654.D

Acq: 08 May 2023 17:45

Instrument :

MSVOA_Y

ClientSampleId :

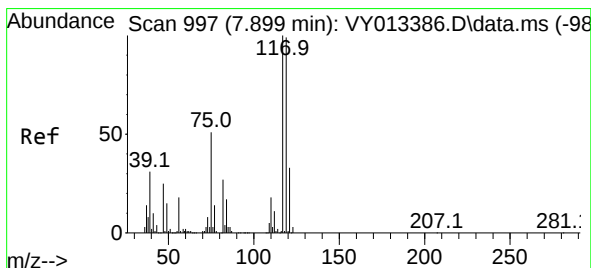
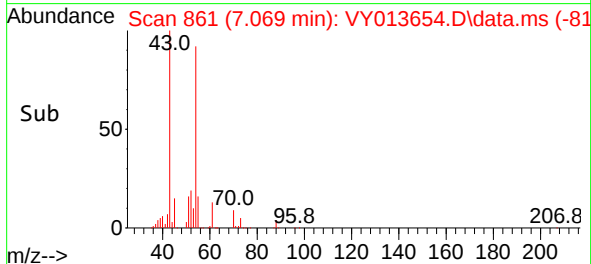
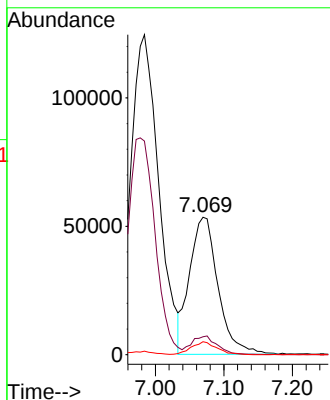
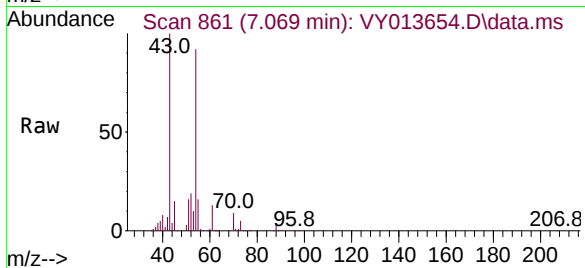
VSTDCCC050EC

Tgt Ion: 43 Resp: 15480

Ion	Ratio	Lower	Upper
43	100		
61	12.1	11.4	17.0
70	8.4	7.9	11.9

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/09/2023



#38

Carbon Tetrachloride

Concen: 56.838 ug/l

RT: 7.899 min Scan# 997

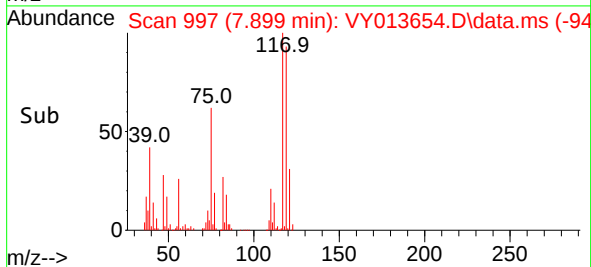
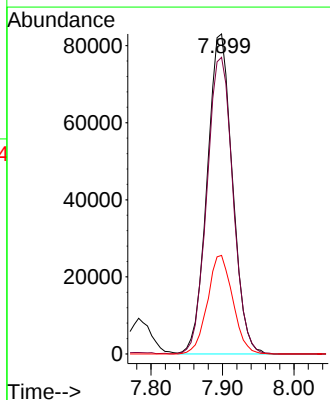
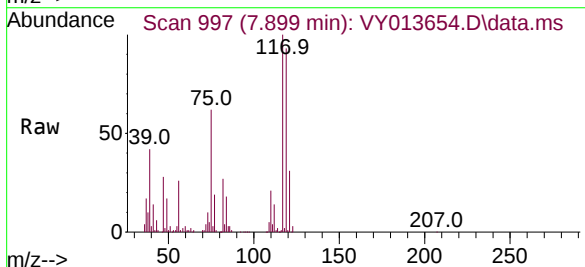
Delta R.T. -0.000 min

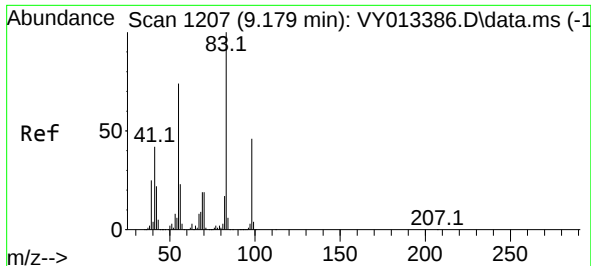
Lab File: VY013654.D

Acq: 08 May 2023 17:45

Tgt Ion:117 Resp: 204334

Ion	Ratio	Lower	Upper
117	100		
119	92.7	79.0	118.6
121	30.8	26.6	40.0





#39

Methylcyclohexane

Concen: 53.211 ug/l

RT: 9.179 min Scan# 1039

Delta R.T. -0.000 min

Lab File: VY013654.D

Acq: 08 May 2023 17:45

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 215160

Ion Ratio Lower Upper

83 100

55 75.9 59.0 88.4

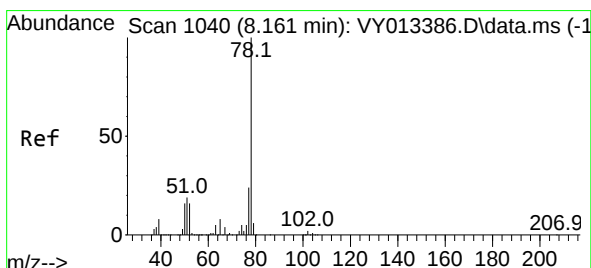
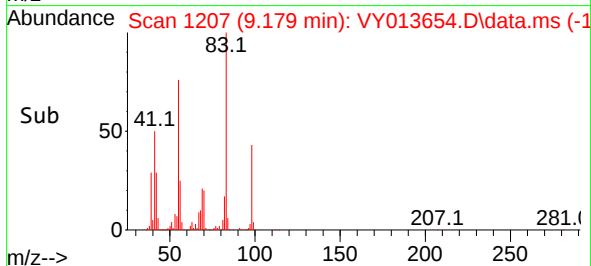
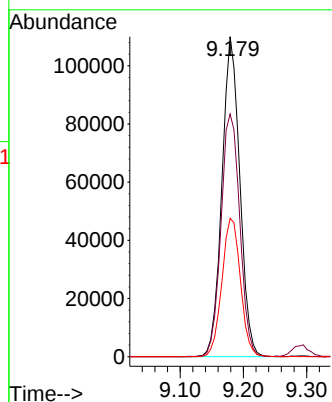
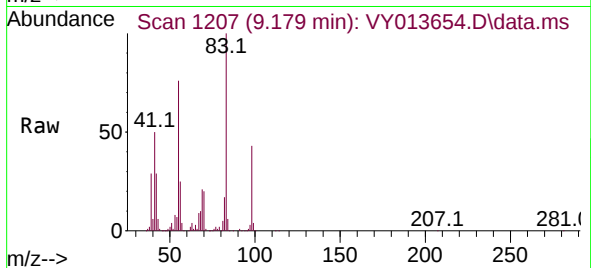
98 43.3 37.0 55.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/09/2023

Supervised By :Mahesh Dadoda 05/09/2023



#40

Benzene

Concen: 59.216 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. -0.006 min

Lab File: VY013654.D

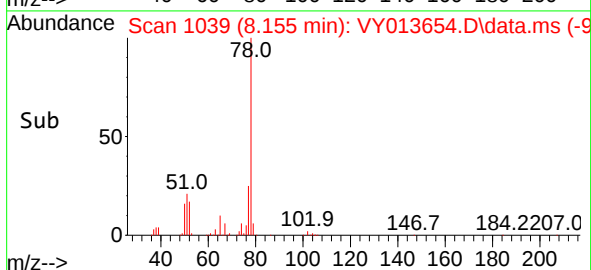
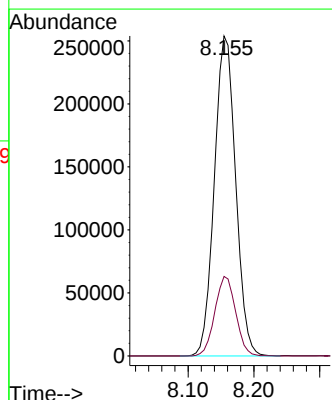
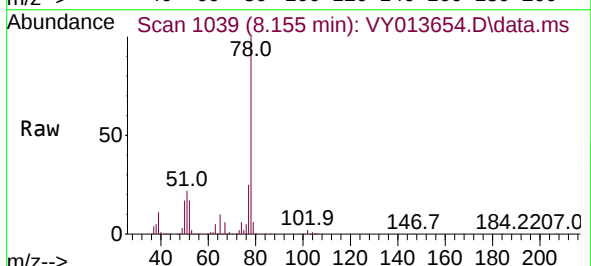
Acq: 08 May 2023 17:45

Tgt Ion: 78 Resp: 572140

Ion Ratio Lower Upper

78 100

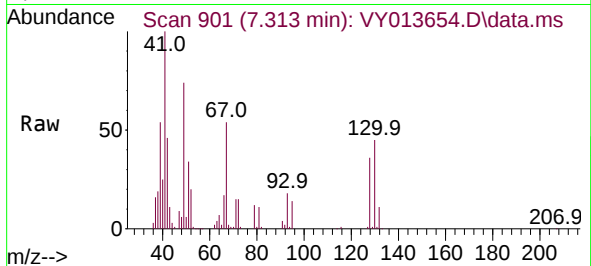
77 24.9 19.2 28.8





#41
Methacrylonitrile
Concen: 67.864 ug/l m
RT: 7.313 min Scan# 901
Delta R.T. 0.006 min
Lab File: VY013654.D
Acq: 08 May 2023 17:45

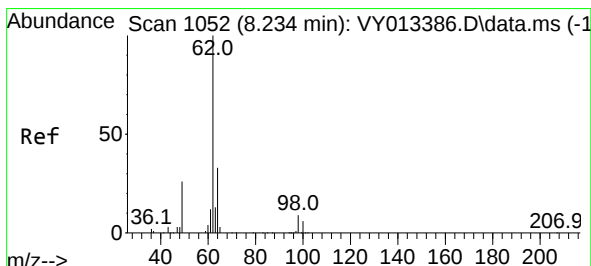
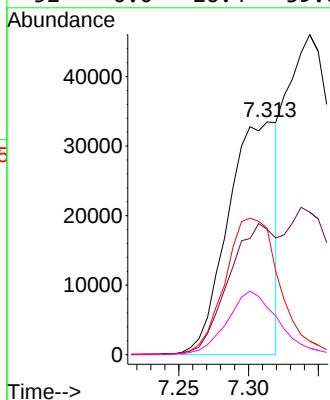
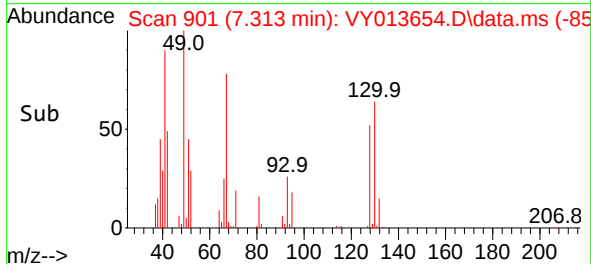
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 81628
Ion Ratio Lower Upper
41 100
39 0.0 44.2 66.4
67 0.0 62.9 94.3
52 0.0 26.4 39.6

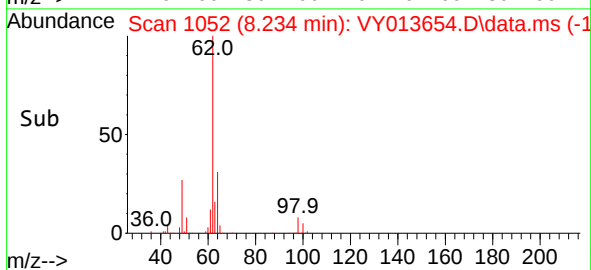
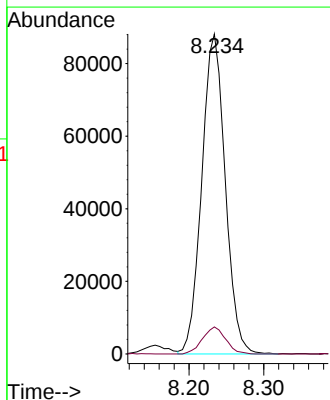
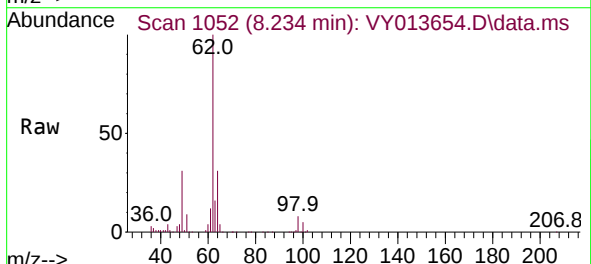
Manual Integrations
APPROVED

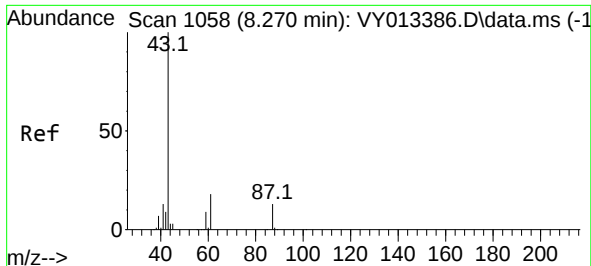
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/09/2023



#42
1,2-Dichloroethane
Concen: 60.945 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VY013654.D
Acq: 08 May 2023 17:45

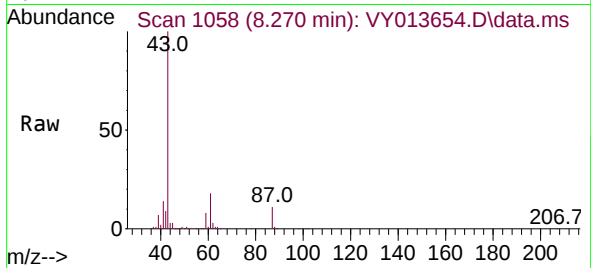
Tgt Ion: 62 Resp: 192514
Ion Ratio Lower Upper
62 100
98 8.3 0.0 17.8





#43
Isopropyl Acetate
Concen: 61.832 ug/l
RT: 8.270 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VY013654.D
Acq: 08 May 2023 17:45

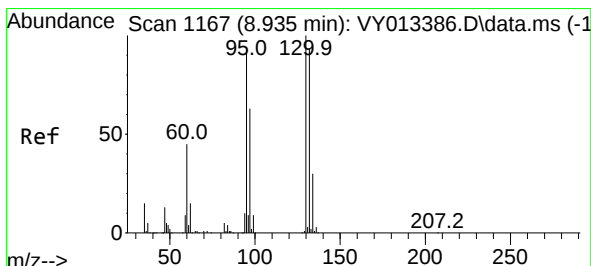
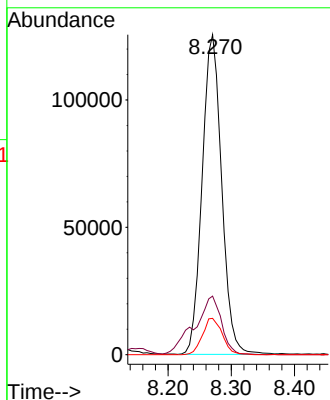
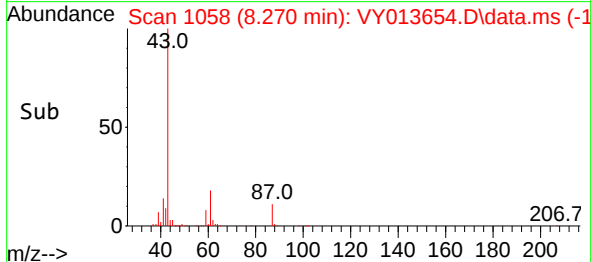
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 26939
Ion Ratio Lower Upper
43 100
61 25.4 22.2 33.4
87 11.6 11.0 16.6

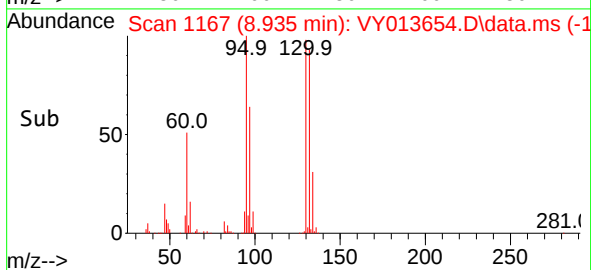
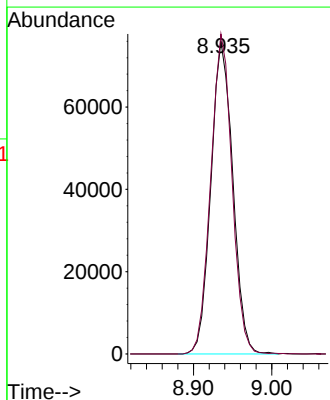
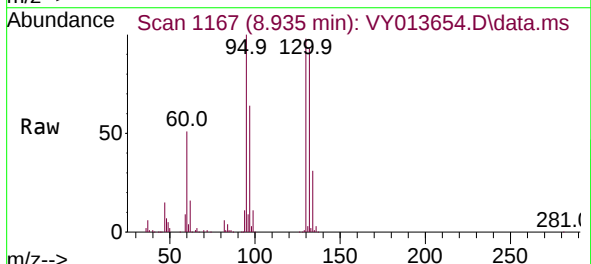
Manual Integrations
APPROVED

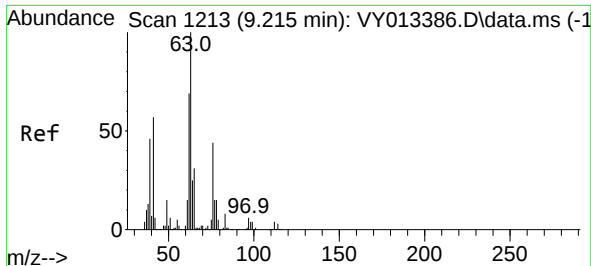
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/09/2023



#44
Trichloroethene
Concen: 57.388 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. -0.000 min
Lab File: VY013654.D
Acq: 08 May 2023 17:45

Tgt Ion:130 Resp: 147492
Ion Ratio Lower Upper
130 100
95 102.3 0.0 188.8





#45

1,2-Dichloropropane

Concen: 62.515 ug/l

RT: 9.215 min Scan# 1213

Delta R.T. 0.000 min

Lab File: VY013654.D

Acq: 08 May 2023 17:45

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 157929

Ion Ratio Lower Upper

63 100

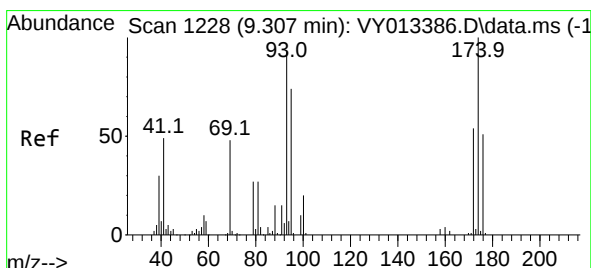
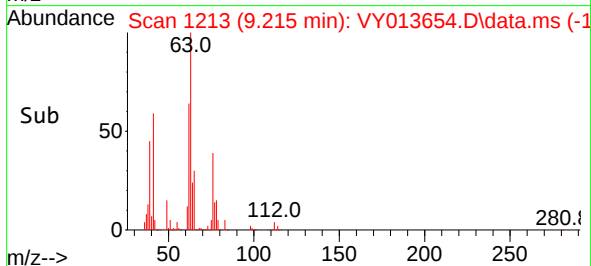
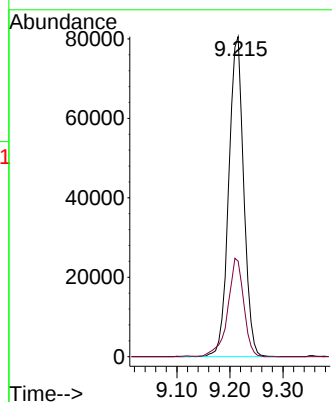
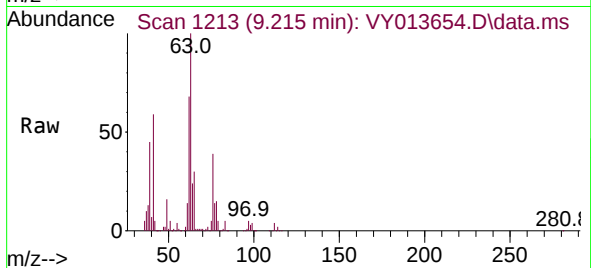
65 29.8 24.6 37.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/09/2023

Supervised By :Mahesh Dadoda 05/09/2023



#46

Dibromomethane

Concen: 60.214 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.006 min

Lab File: VY013654.D

Acq: 08 May 2023 17:45

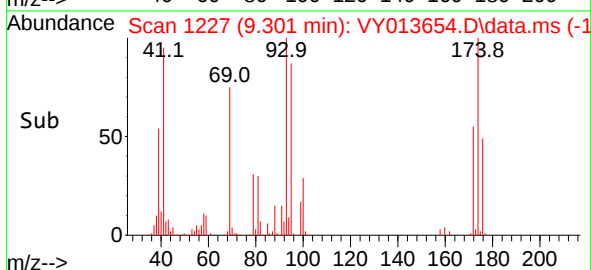
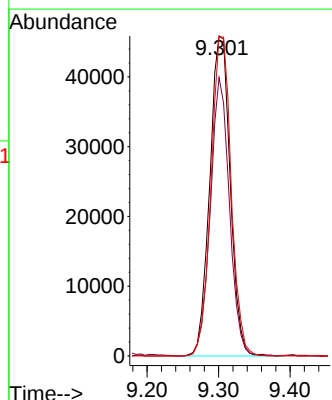
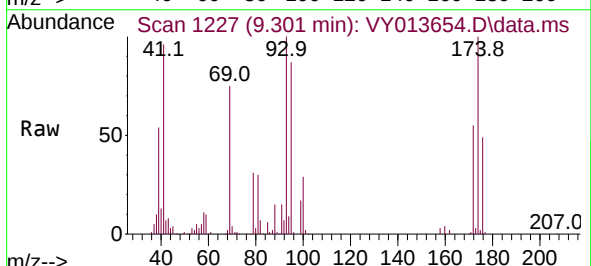
Tgt Ion: 93 Resp: 91017

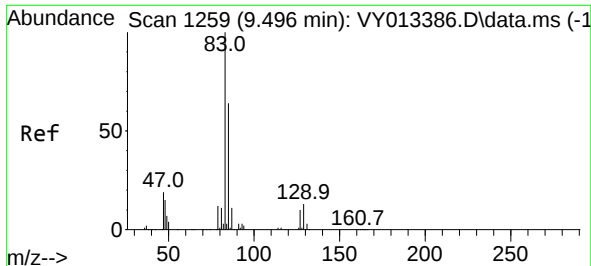
Ion Ratio Lower Upper

93 100

95 81.2 67.1 100.7

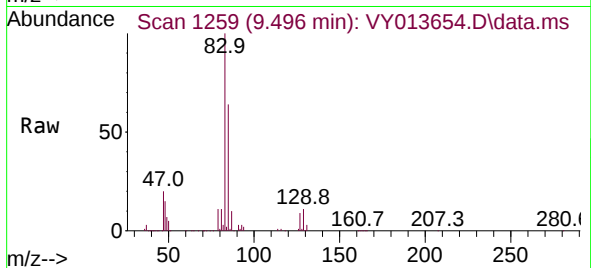
174 98.1 87.0 130.4





#47
Bromodichloromethane
Concen: 63.363 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY013654.D
Acq: 08 May 2023 17:45

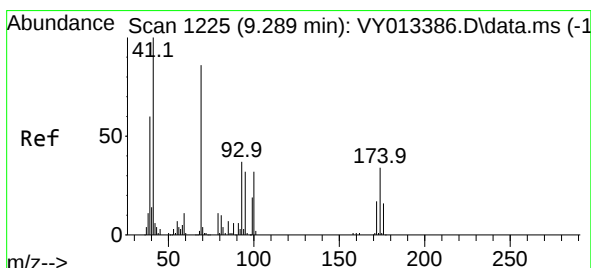
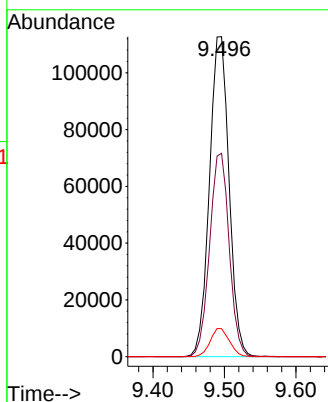
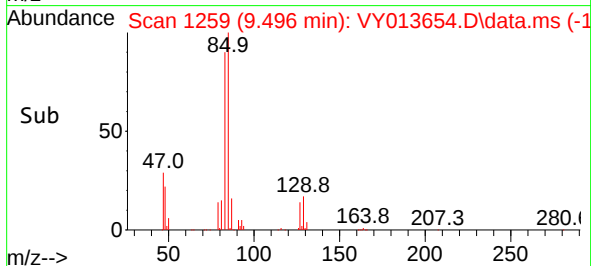
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 21431
Ion Ratio Lower Upper
83 100
85 63.6 51.4 77.2
127 8.7 8.1 12.1

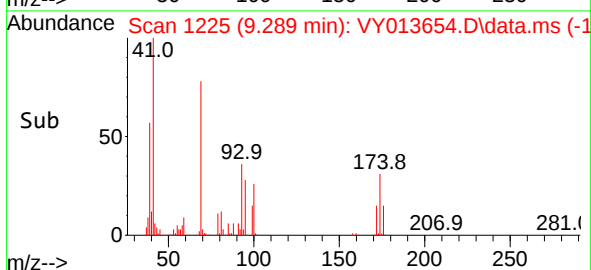
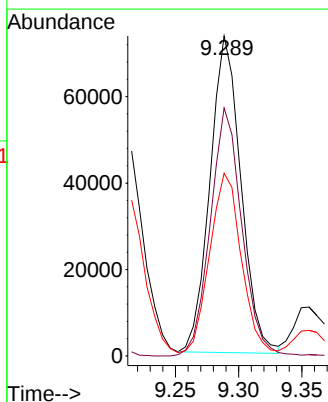
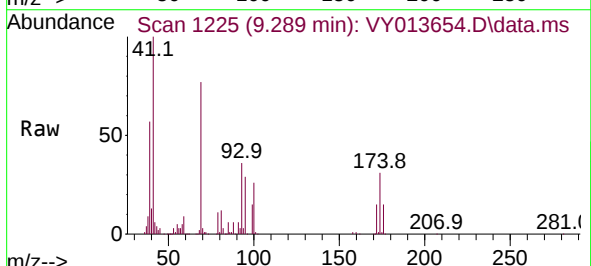
Manual Integrations
APPROVED

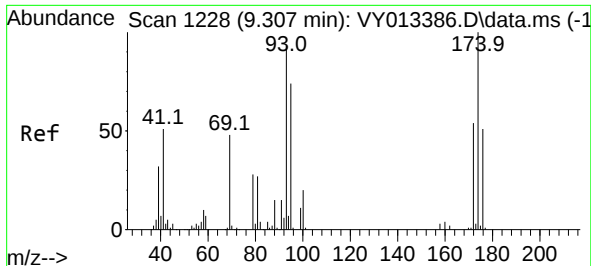
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/09/2023



#48
Methyl methacrylate
Concen: 62.191 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VY013654.D
Acq: 08 May 2023 17:45

Tgt Ion: 41 Resp: 124439
Ion Ratio Lower Upper
41 100
69 80.2 70.2 105.4
39 59.9 47.9 71.9





#49

1,4-Dioxane

Concen: 1175.925 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VY013654.D

Acq: 08 May 2023 17:45

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

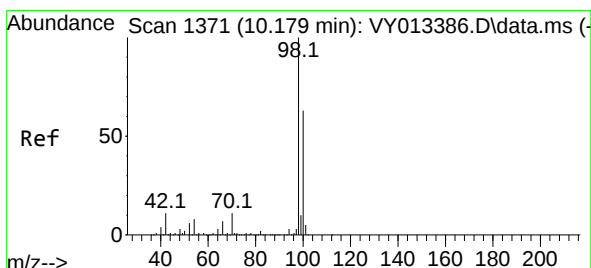
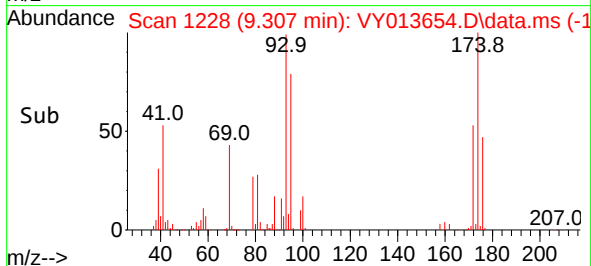
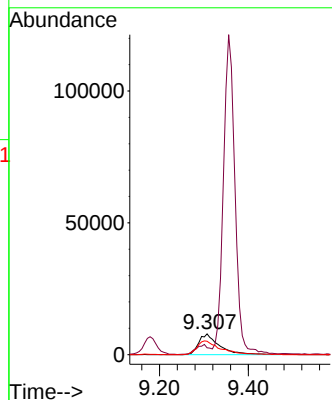
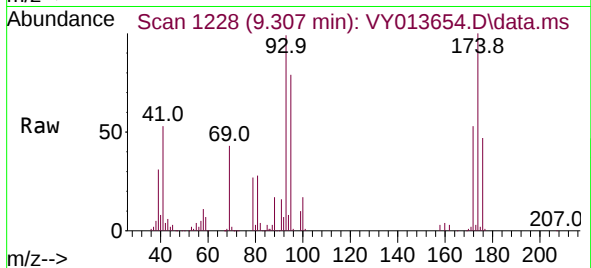
Tgt Ion:	88	Resp:	25380
Ion	Ratio	Lower	Upper
88	100		
43	32.0	16.8	25.2
58	76.6	54.3	81.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/09/2023

Supervised By :Mahesh Dadoda 05/09/2023



#50

Toluene-d8

Concen: 51.944 ug/l

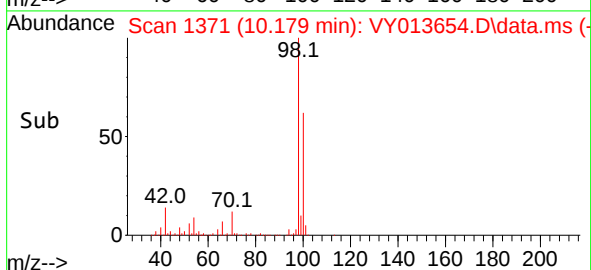
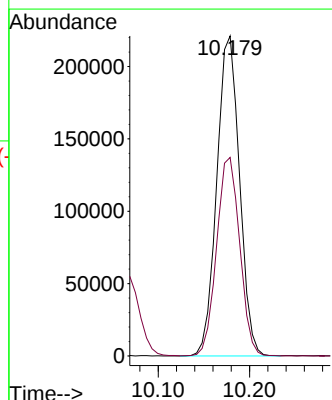
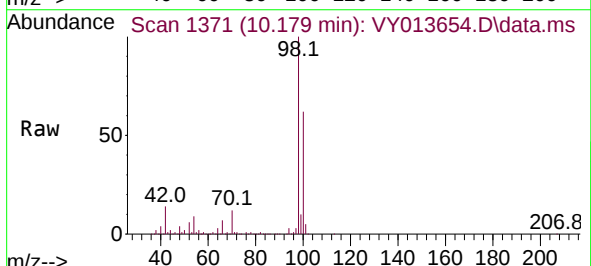
RT: 10.179 min Scan# 1371

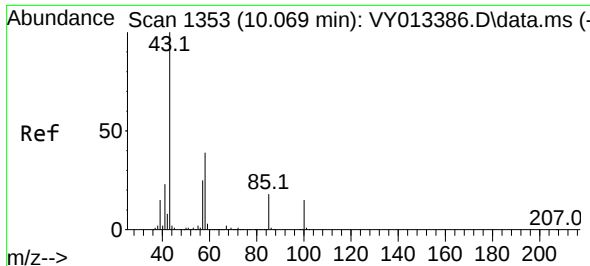
Delta R.T. -0.000 min

Lab File: VY013654.D

Acq: 08 May 2023 17:45

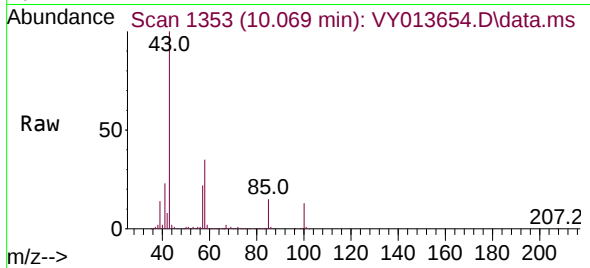
Tgt Ion:	98	Resp:	381900
Ion	Ratio	Lower	Upper
98	100		
100	63.2	50.5	75.7





#51
4-Methyl-2-Pentanone
Concen: 313.906 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY013654.D
Acq: 08 May 2023 17:45

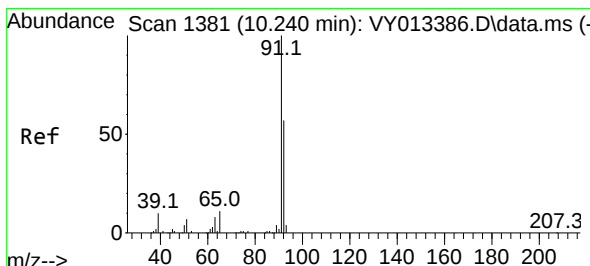
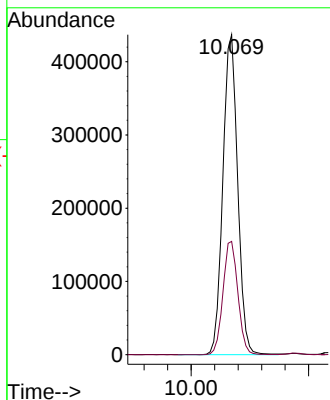
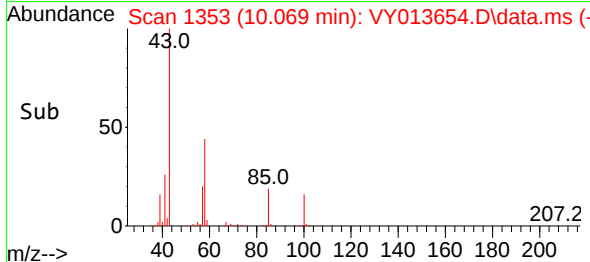
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 76210
Ion Ratio Lower Upper
43 100
58 35.7 30.6 46.0

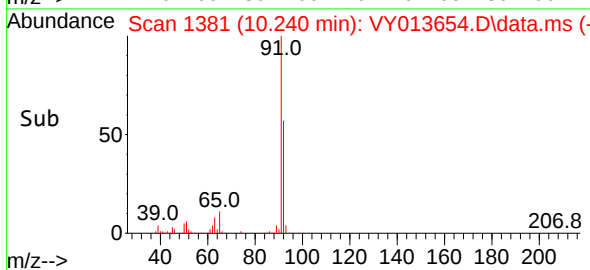
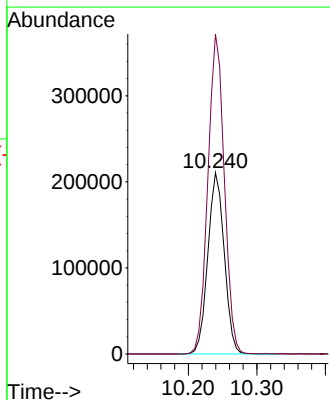
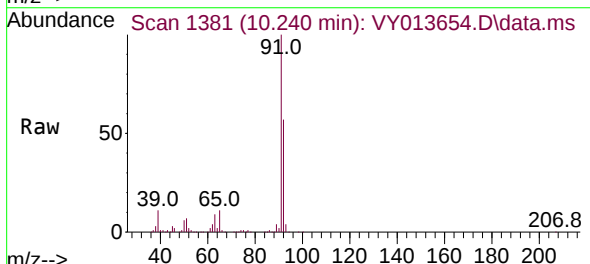
Manual Integrations
APPROVED

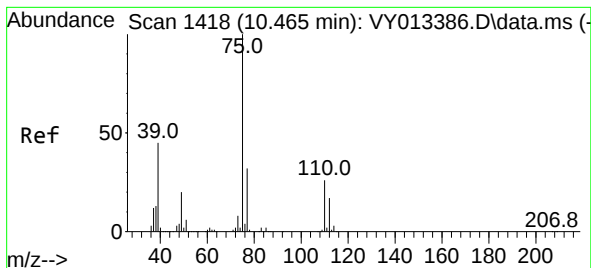
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/09/2023



#52
Toluene
Concen: 60.251 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY013654.D
Acq: 08 May 2023 17:45

Tgt Ion: 92 Resp: 350317
Ion Ratio Lower Upper
92 100
91 176.8 140.2 210.4





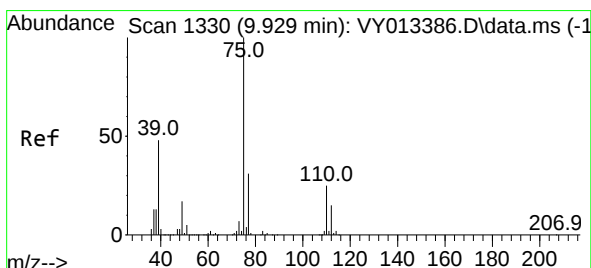
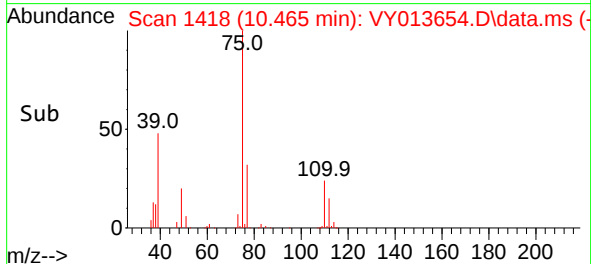
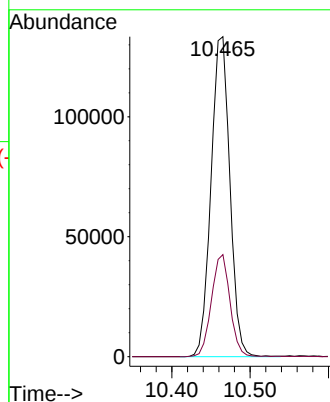
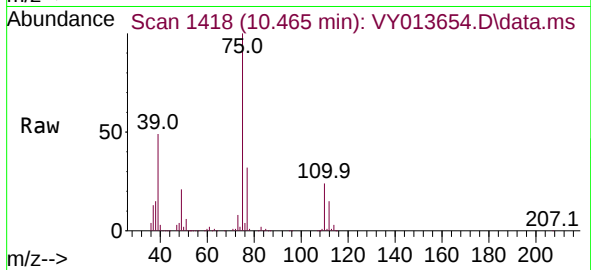
#53
t-1,3-Dichloropropene
Concen: 62.248 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY013654.D
Acq: 08 May 2023 17:45

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 222824
Ion Ratio Lower Upper
75 100
77 31.9 25.8 38.8

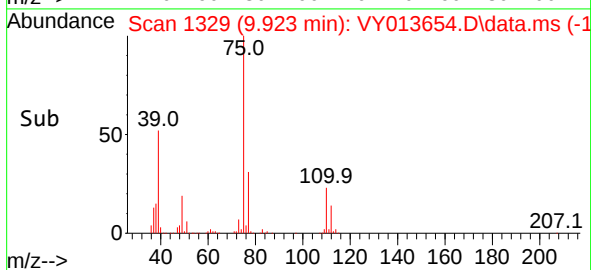
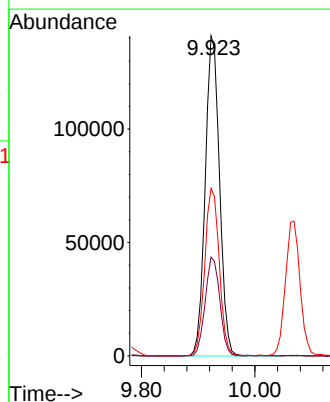
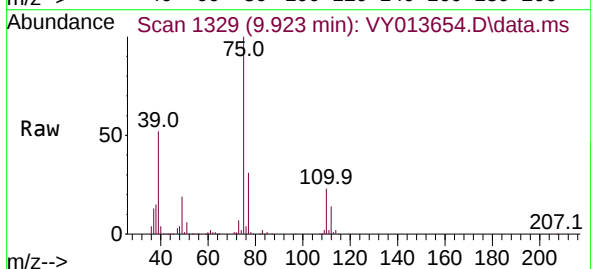
Manual Integrations
APPROVED

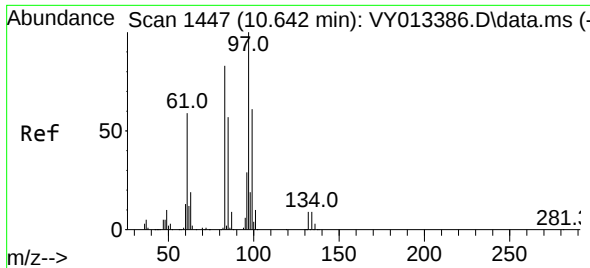
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/09/2023



#54
cis-1,3-Dichloropropene
Concen: 61.488 ug/l
RT: 9.923 min Scan# 1329
Delta R.T. -0.006 min
Lab File: VY013654.D
Acq: 08 May 2023 17:45

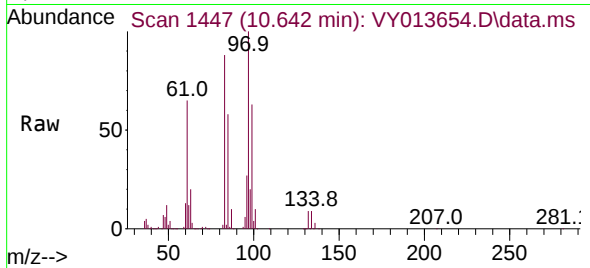
Tgt Ion: 75 Resp: 247668
Ion Ratio Lower Upper
75 100
77 30.9 24.8 37.2
39 52.3 38.1 57.1





#55
1,1,2-Trichloroethane
Concen: 61.658 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VY013654.D
Acq: 08 May 2023 17:45

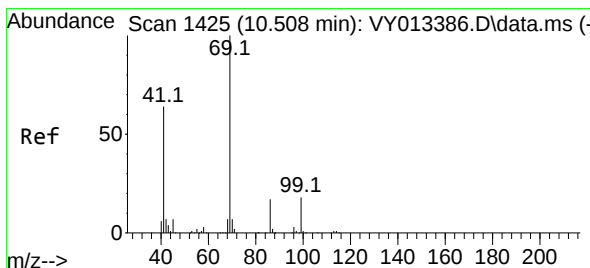
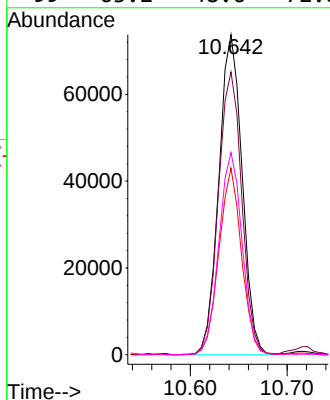
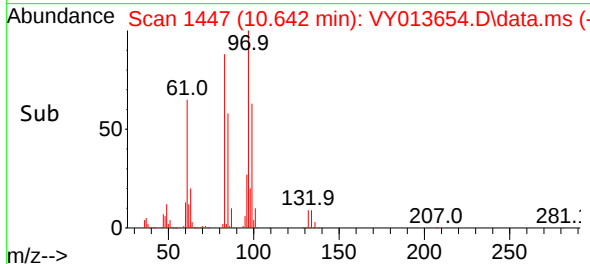
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion:	97	Resp:	123424
Ion	Ratio	Lower	Upper
97	100		
83	88.3	66.4	99.6
85	58.3	45.6	68.4
99	63.2	48.6	72.8

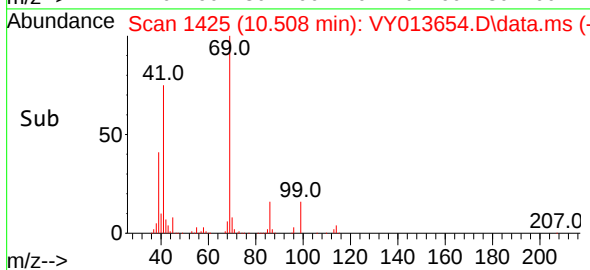
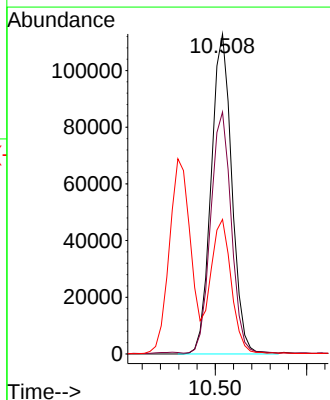
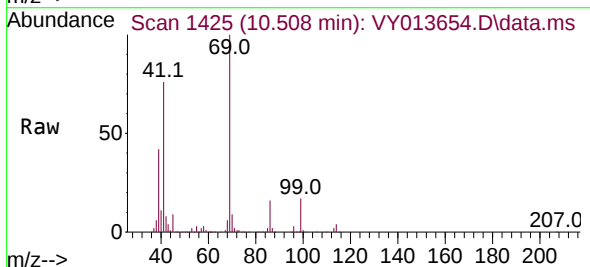
Manual Integrations
APPROVED

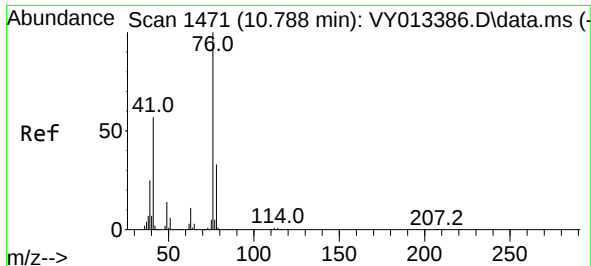
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/09/2023



#56
Ethyl methacrylate
Concen: 63.889 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY013654.D
Acq: 08 May 2023 17:45

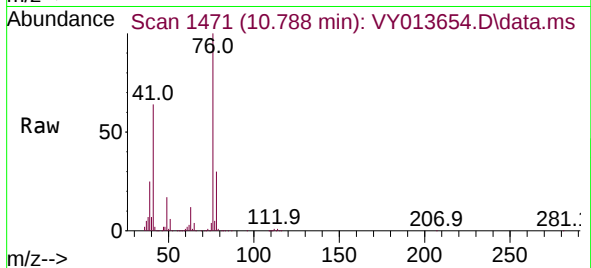
Tgt Ion:	69	Resp:	177426
Ion	Ratio	Lower	Upper
69	100		
41	75.1	51.4	77.0
39	41.9	29.0	43.6





#57
1,3-Dichloropropane
Concen: 62.975 ug/l
RT: 10.788 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VY013654.D
Acq: 08 May 2023 17:45

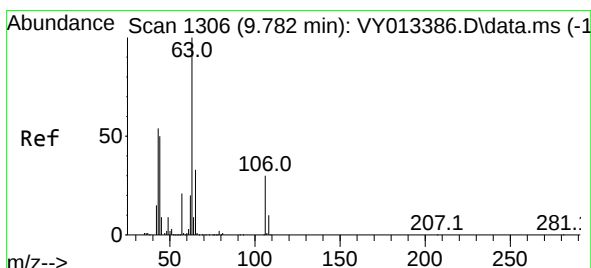
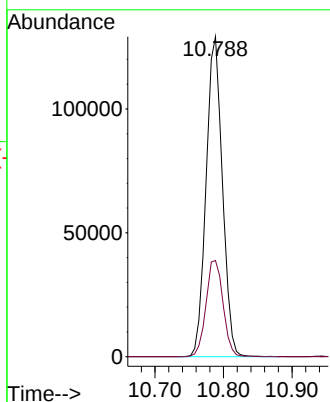
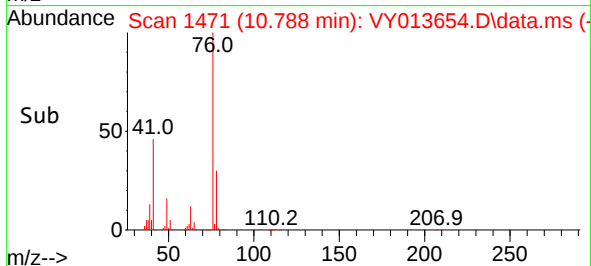
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



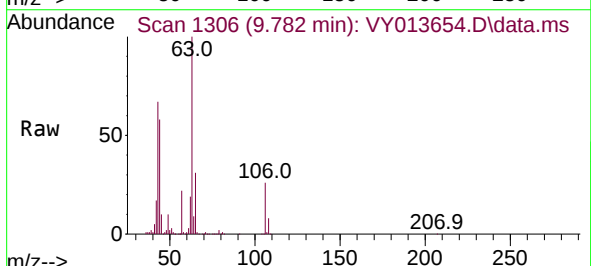
Tgt Ion: 76 Resp: 21349
Ion Ratio Lower Upper
76 100
78 31.6 26.5 39.7

Manual Integrations
APPROVED

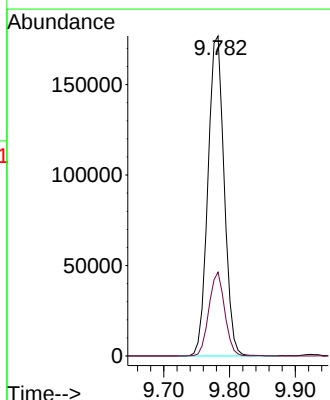
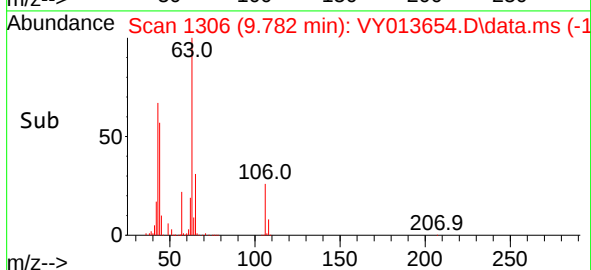
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/09/2023

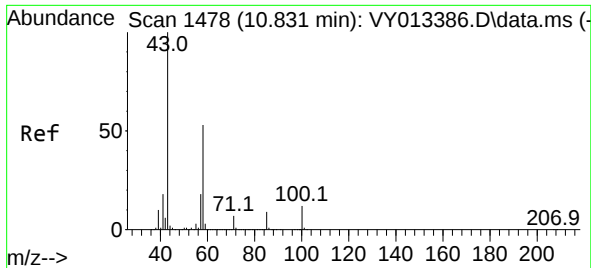


#58
2-Chloroethyl Vinyl ether
Concen: 290.889 ug/l
RT: 9.782 min Scan# 1306
Delta R.T. 0.000 min
Lab File: VY013654.D
Acq: 08 May 2023 17:45



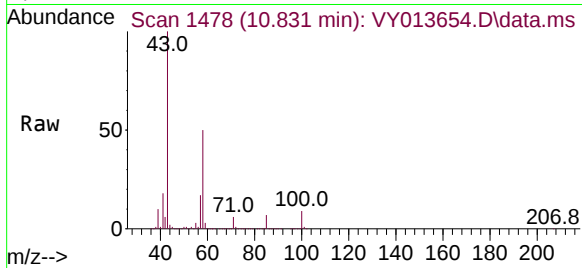
Tgt Ion: 63 Resp: 302923
Ion Ratio Lower Upper
63 100
106 25.5 23.5 35.3





#59
2-Hexanone
Concen: 317.781 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY013654.D
Acq: 08 May 2023 17:45

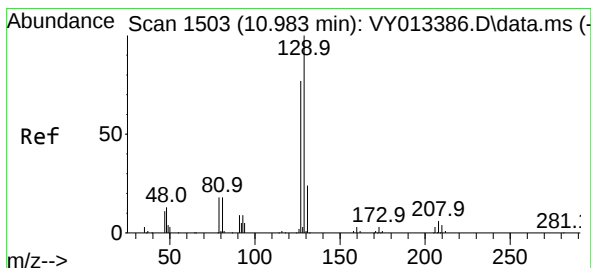
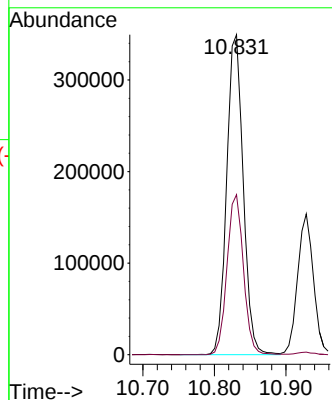
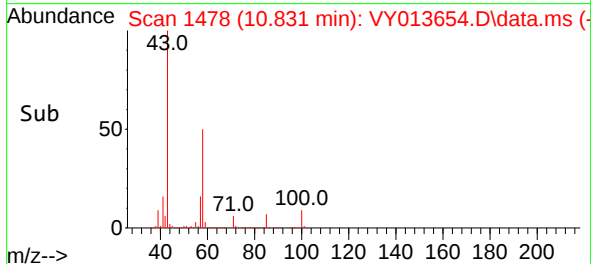
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



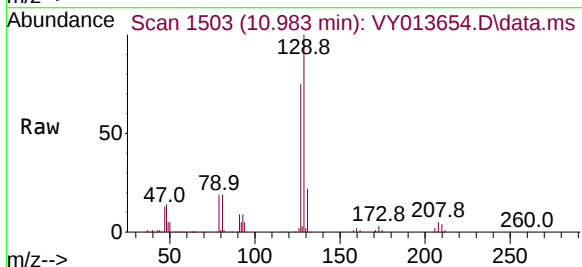
Tgt Ion: 43 Resp: 560820
Ion Ratio Lower Upper
43 100
58 49.6 26.3 78.8

Manual Integrations
APPROVED

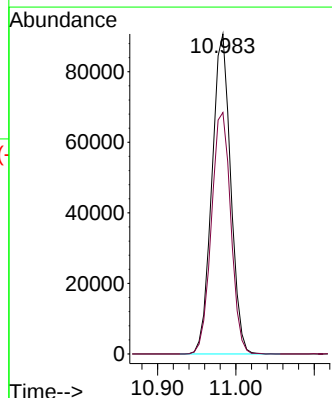
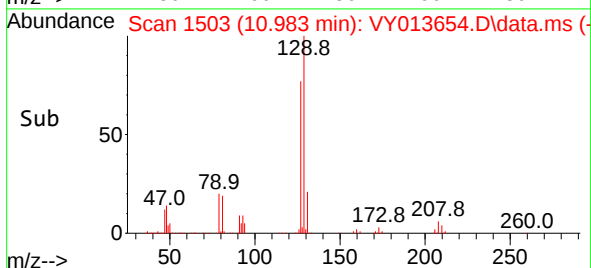
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/09/2023

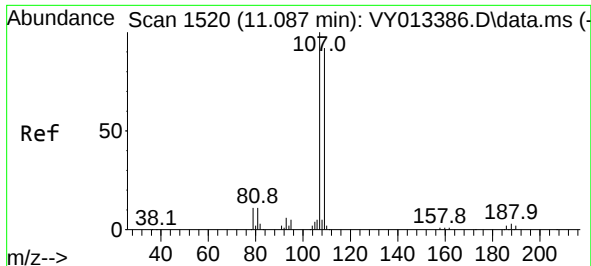


#60
Dibromochloromethane
Concen: 61.989 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY013654.D
Acq: 08 May 2023 17:45



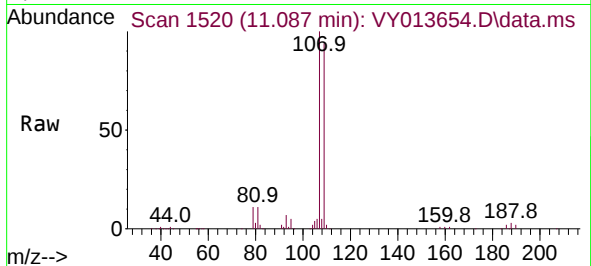
Tgt Ion:129 Resp: 150669
Ion Ratio Lower Upper
129 100
127 78.0 38.7 116.1





#61
1,2-Dibromoethane
Concen: 61.074 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY013654.D
Acq: 08 May 2023 17:45

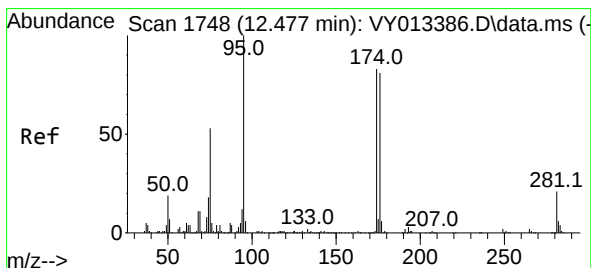
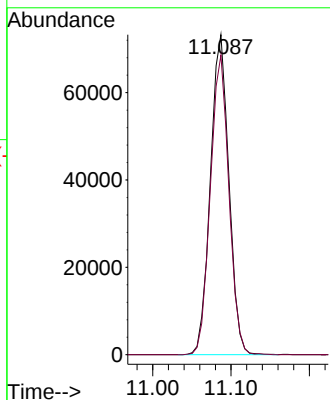
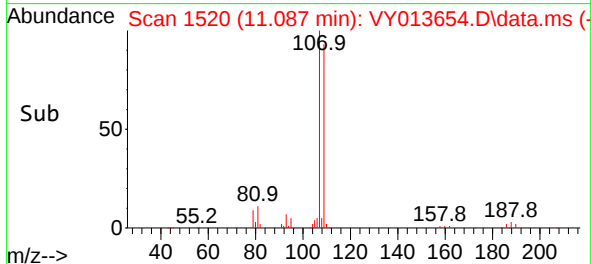
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion:107 Resp: 120190
Ion Ratio Lower Upper
107 100
109 93.8 75.6 113.4

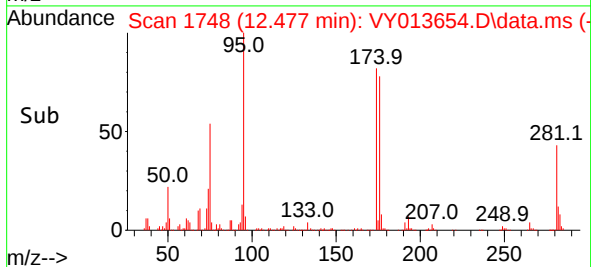
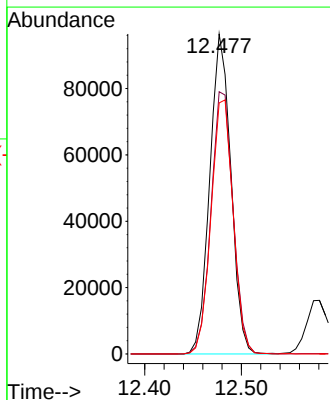
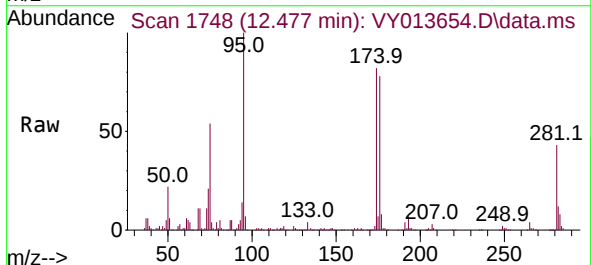
Manual Integrations
APPROVED

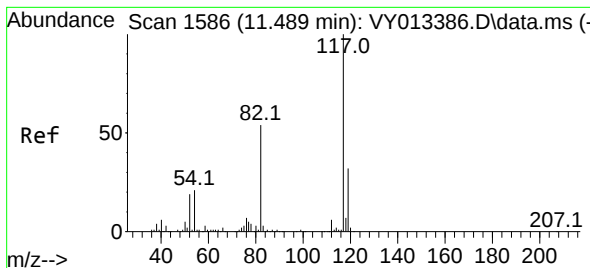
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/09/2023



#62
4-Bromofluorobenzene
Concen: 59.025 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY013654.D
Acq: 08 May 2023 17:45

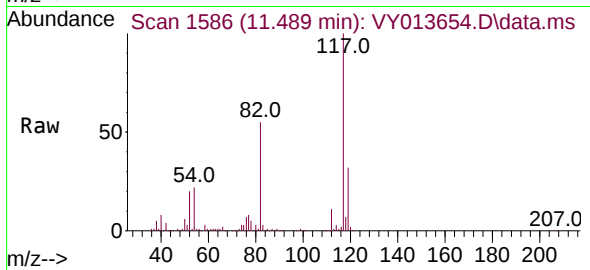
Tgt Ion: 95 Resp: 146299
Ion Ratio Lower Upper
95 100
174 85.6 0.0 182.0
176 83.0 0.0 175.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY013654.D
Acq: 08 May 2023 17:45

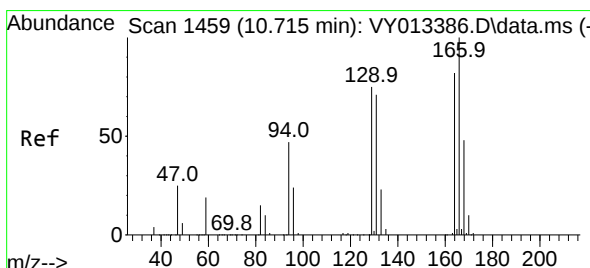
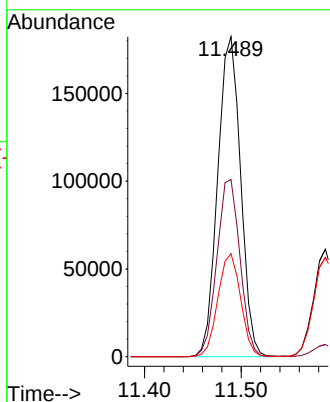
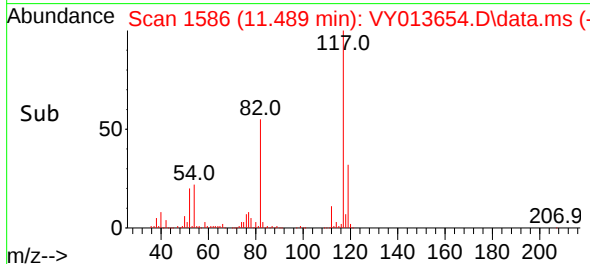
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 300038
Ion Ratio Lower Upper
117 100
82 55.4 43.0 64.6
119 32.2 25.5 38.3

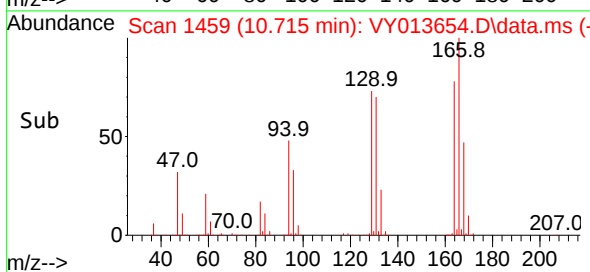
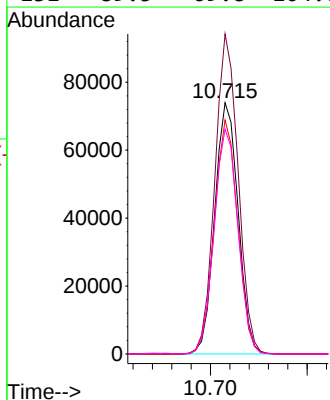
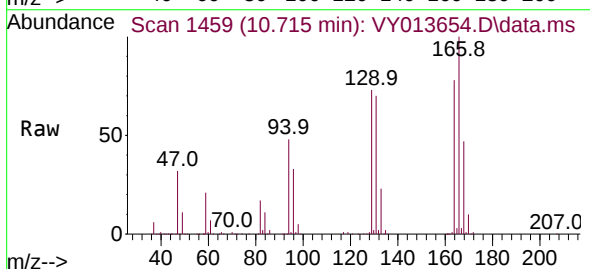
Manual Integrations
APPROVED

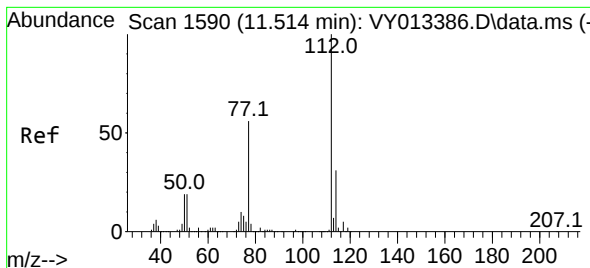
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/09/2023



#64
Tetrachloroethene
Concen: 54.492 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VY013654.D
Acq: 08 May 2023 17:45

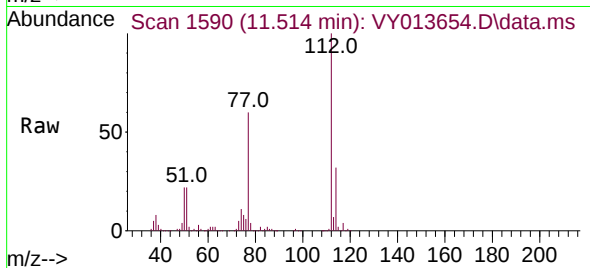
Tgt Ion:164 Resp: 124325
Ion Ratio Lower Upper
164 100
166 127.4 97.5 146.3
129 93.2 72.6 109.0
131 89.5 69.8 104.6





#65
Chlorobenzene
Concen: 57.571 ug/l
RT: 11.514 min Scan# 11590
Delta R.T. -0.000 min
Lab File: VY013654.D
Acq: 08 May 2023 17:45

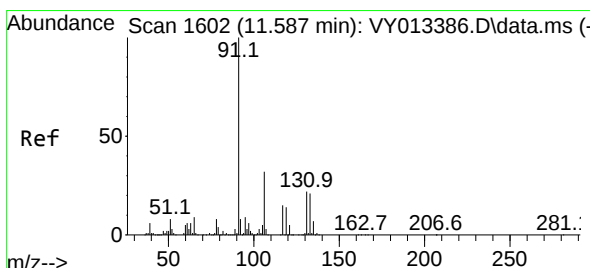
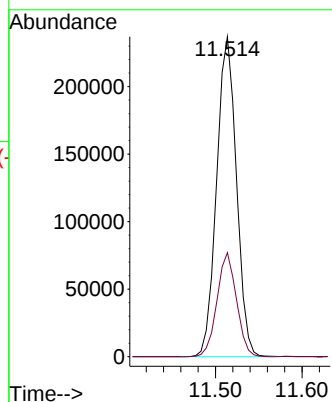
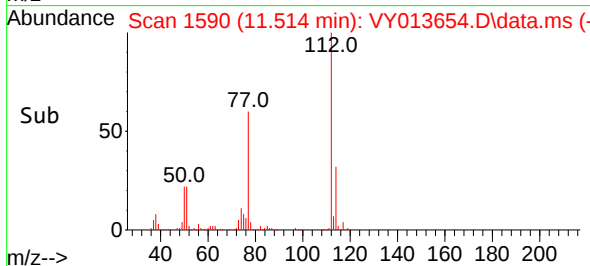
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



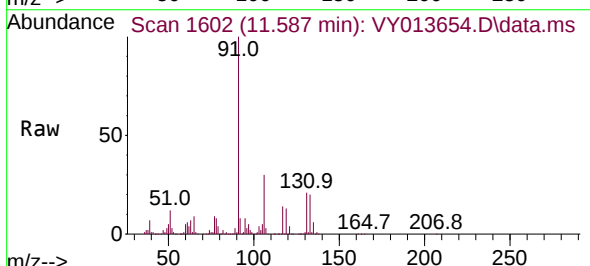
Tgt Ion:112 Resp: 376283
Ion Ratio Lower Upper
112 100
114 32.5 24.9 37.3

Manual Integrations
APPROVED

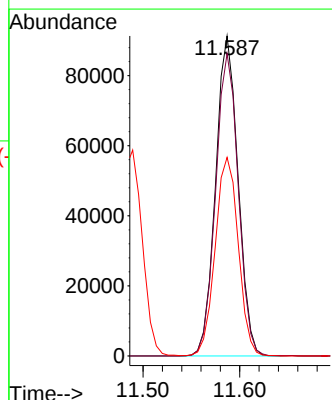
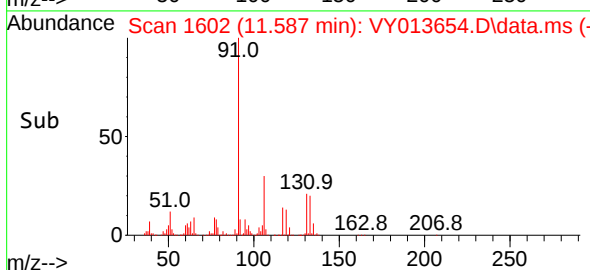
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/09/2023

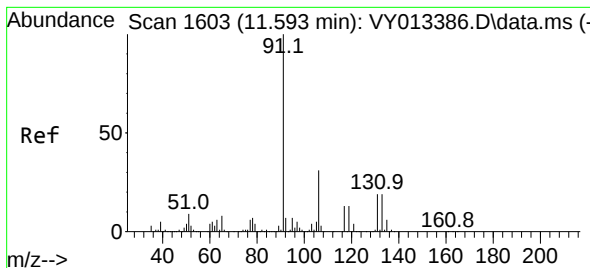


#66
1,1,1,2-Tetrachloroethane
Concen: 60.192 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VY013654.D
Acq: 08 May 2023 17:45



Tgt Ion:131 Resp: 147134
Ion Ratio Lower Upper
131 100
133 95.2 47.7 143.1
119 63.8 32.6 98.0





#67

Ethyl Benzene

Concen: 58.563 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. -0.006 min

Lab File: VY013654.D

Acq: 08 May 2023 17:45

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 67213

Ion Ratio Lower Upper

91 100

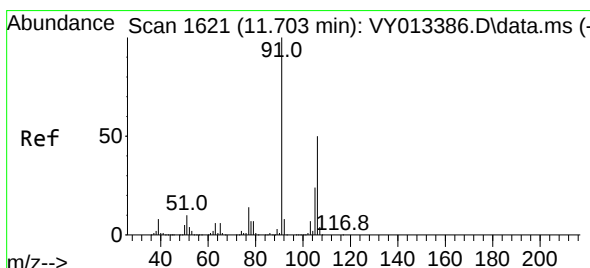
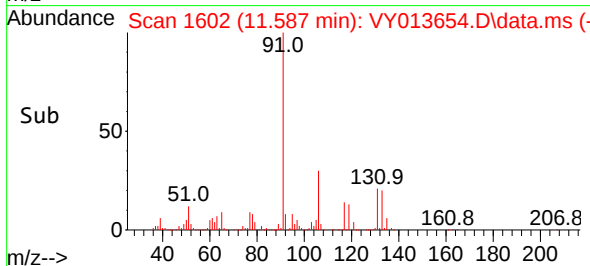
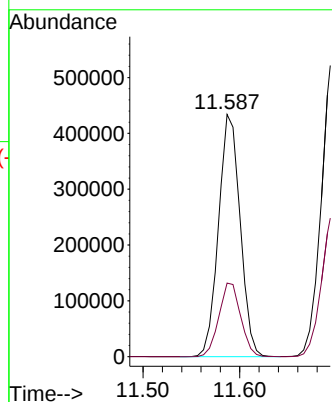
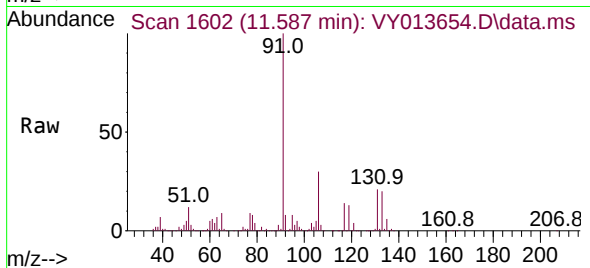
106 30.4 25.1 37.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/09/2023

Supervised By :Mahesh Dadoda 05/09/2023



#68

m/p-Xylenes

Concen: 117.268 ug/l

RT: 11.697 min Scan# 1620

Delta R.T. -0.006 min

Lab File: VY013654.D

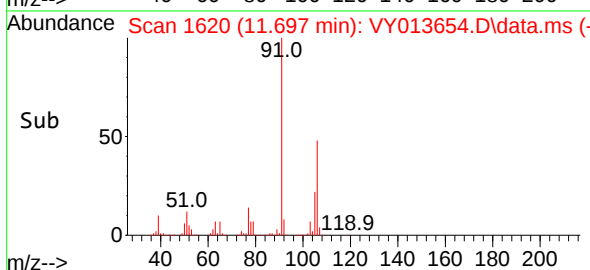
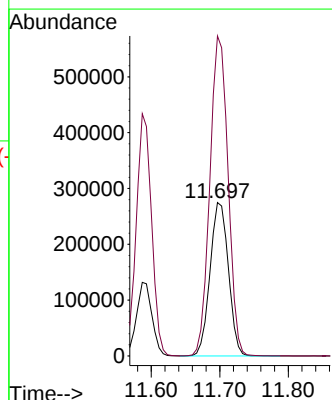
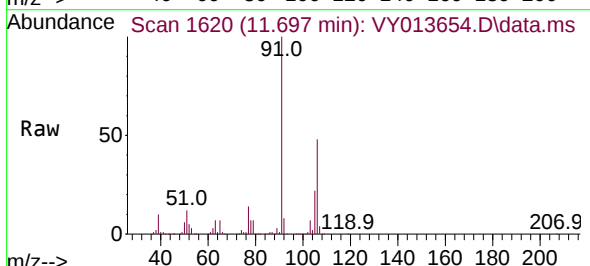
Acq: 08 May 2023 17:45

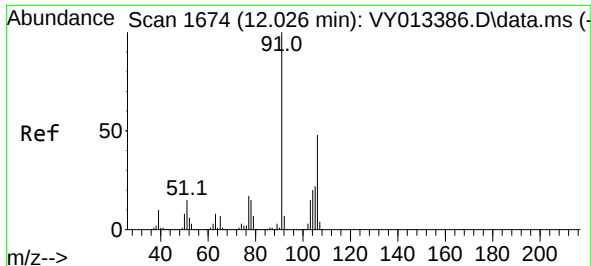
Tgt Ion:106 Resp: 511651

Ion Ratio Lower Upper

106 100

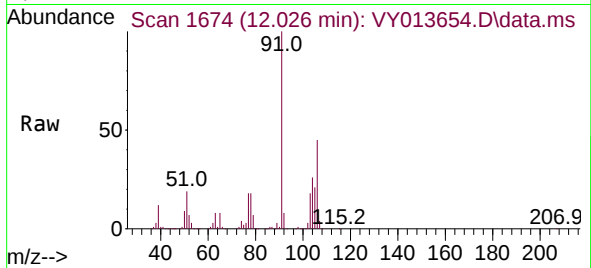
91 206.3 160.9 241.3





#69
o-Xylene
Concen: 59.170 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.000 min
Lab File: VY013654.D
Acq: 08 May 2023 17:45

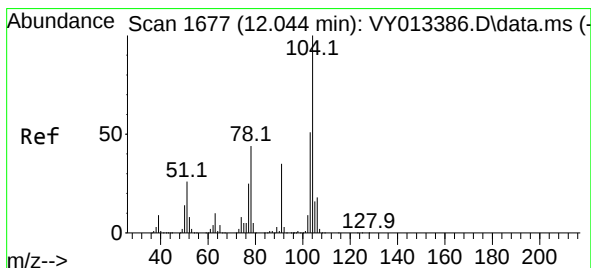
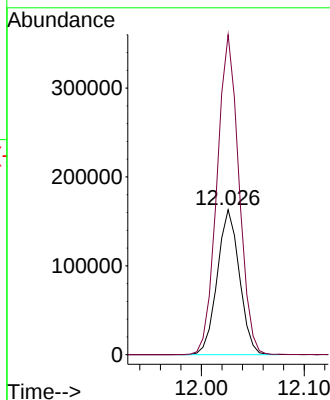
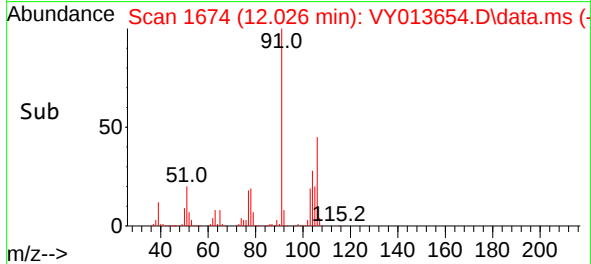
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion:106 Resp: 244158
Ion Ratio Lower Upper
106 100
91 218.4 105.5 316.4

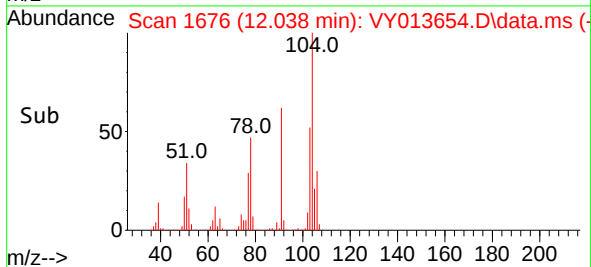
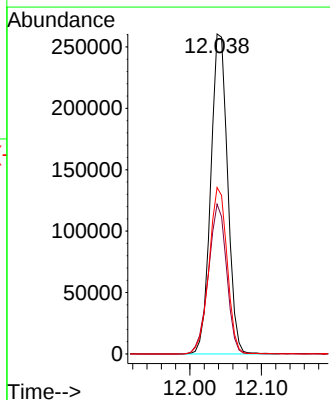
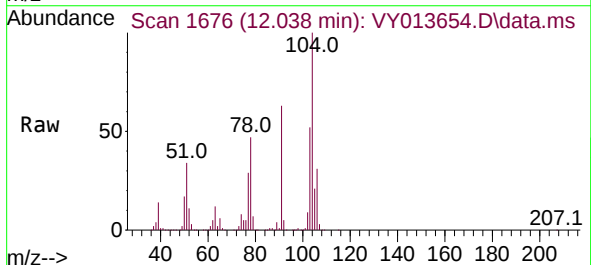
Manual Integrations
APPROVED

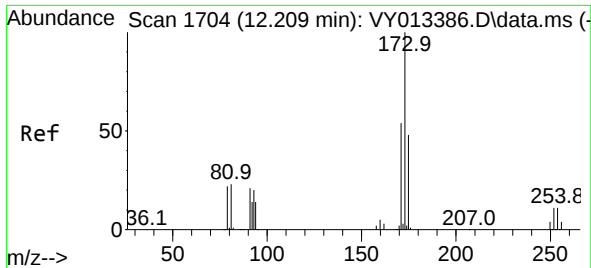
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/09/2023



#70
Styrene
Concen: 61.857 ug/l
RT: 12.038 min Scan# 1676
Delta R.T. -0.006 min
Lab File: VY013654.D
Acq: 08 May 2023 17:45

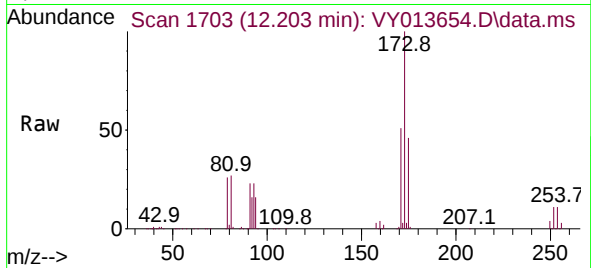
Tgt Ion:104 Resp: 426778
Ion Ratio Lower Upper
104 100
78 50.5 40.3 60.5
103 55.9 45.0 67.4





#71
Bromoform
Concen: 60.324 ug/l
RT: 12.203 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VY013654.D
Acq: 08 May 2023 17:45

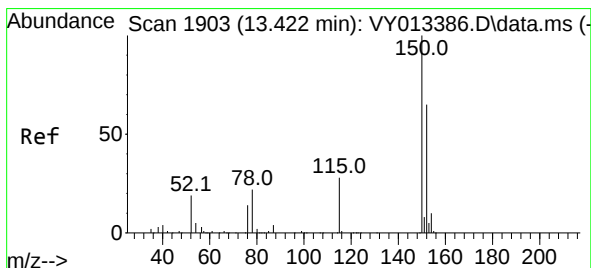
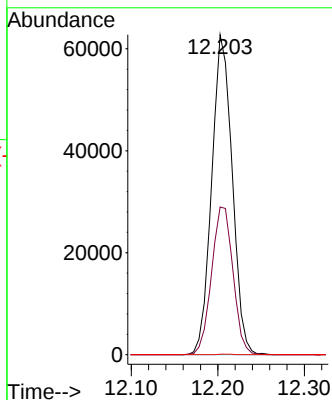
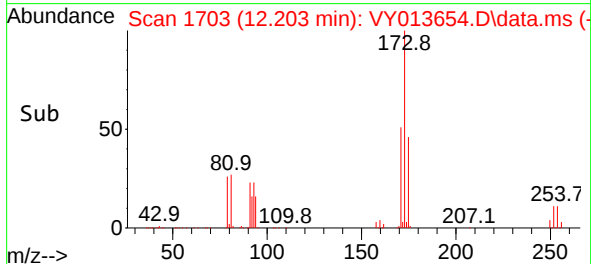
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion:173 Resp: 10328
Ion Ratio Lower Upper
173 100
175 48.3 24.3 72.8
254 0.1 0.2 0.2

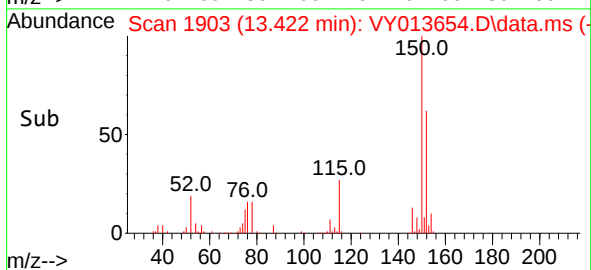
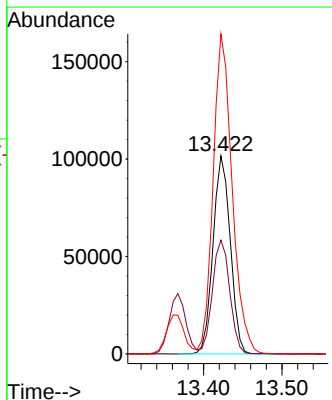
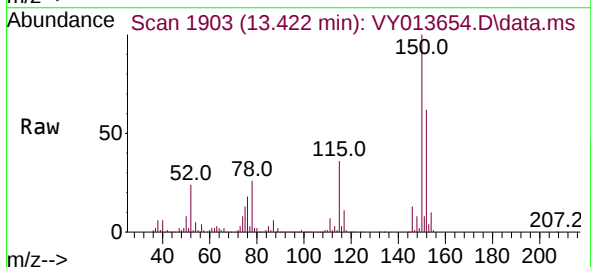
Manual Integrations
APPROVED

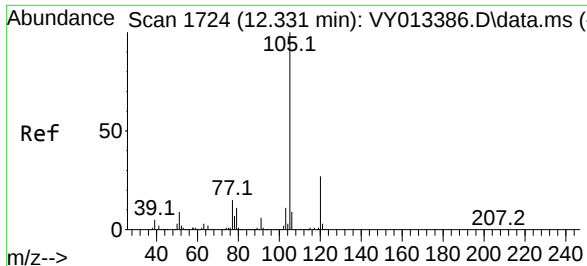
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/09/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY013654.D
Acq: 08 May 2023 17:45

Tgt Ion:152 Resp: 155972
Ion Ratio Lower Upper
152 100
115 57.8 28.1 84.2
150 177.8 0.0 352.0





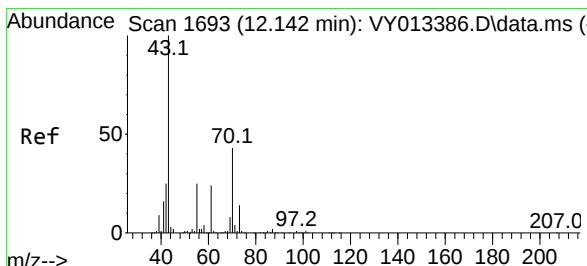
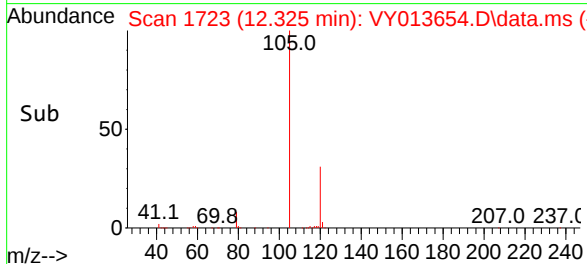
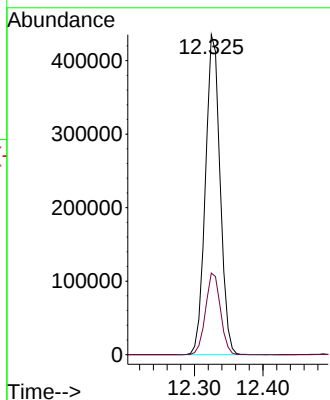
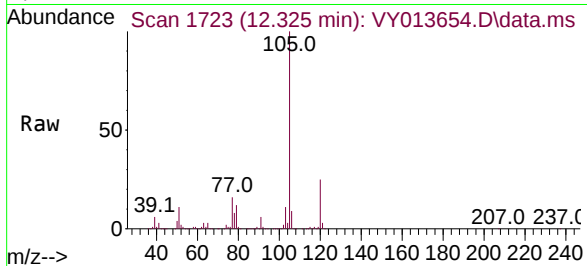
#73
Isopropylbenzene
Concen: 54.962 ug/l
RT: 12.325 min Scan# 1723
Delta R.T. -0.006 min
Lab File: VY013654.D
Acq: 08 May 2023 17:45

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:105 Resp: 648392
Ion Ratio Lower Upper
105 100
120 26.0 13.7 41.0

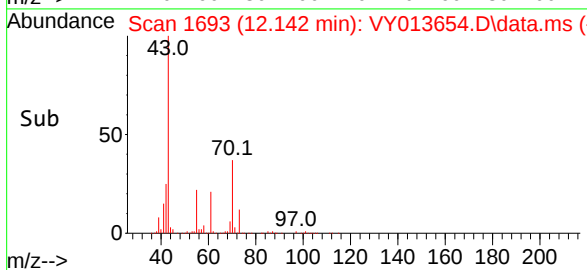
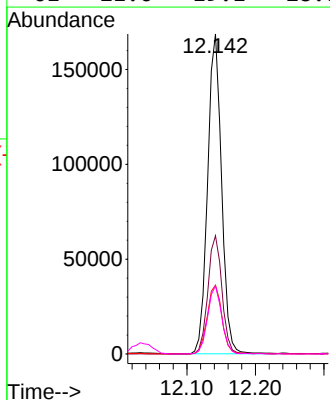
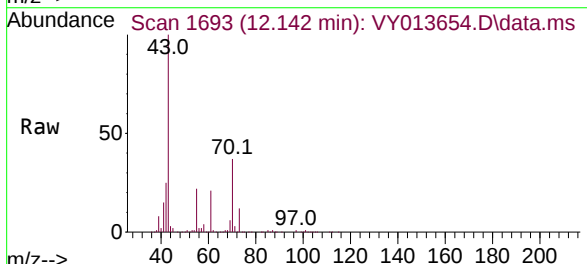
Manual Integrations
APPROVED

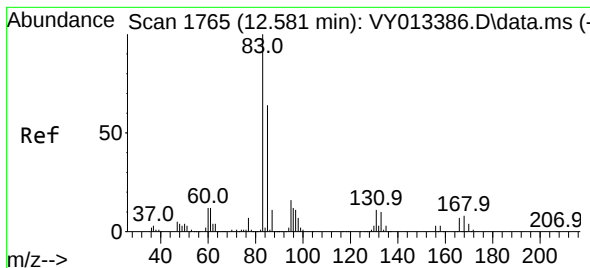
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/09/2023



#74
N-ethyl acetate
Concen: 57.030 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY013654.D
Acq: 08 May 2023 17:45

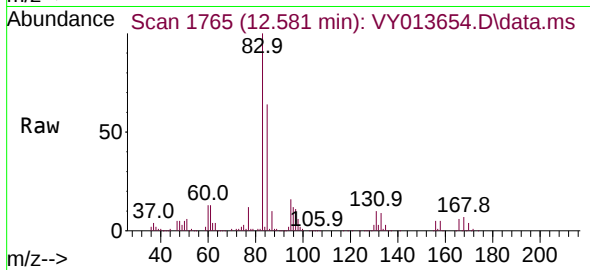
Tgt Ion: 43 Resp: 239418
Ion Ratio Lower Upper
43 100
70 37.5 33.0 49.4
55 22.8 19.8 29.6
61 21.6 19.1 28.7





#75
1,1,2,2-Tetrachloroethane
Concen: 55.522 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY013654.D
Acq: 08 May 2023 17:45

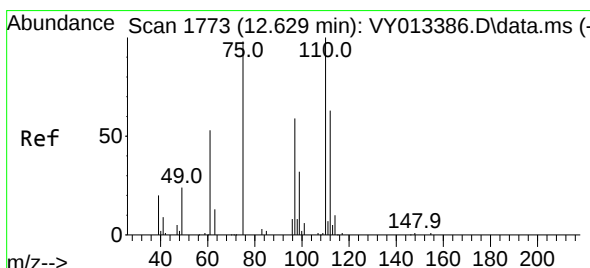
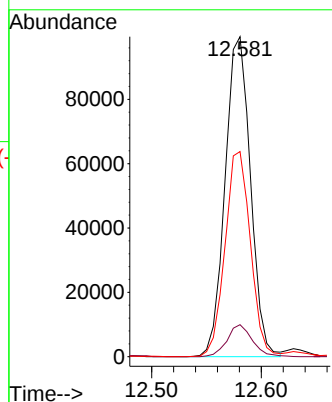
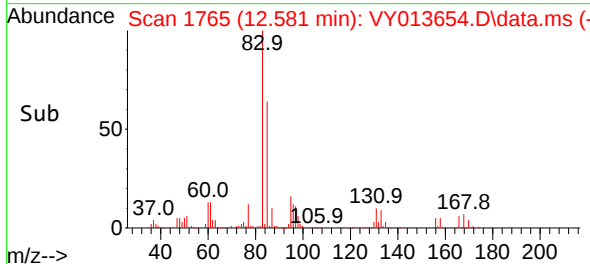
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 160099
Ion Ratio Lower Upper
83 100
131 10.0 5.7 17.0
85 64.2 31.8 95.4

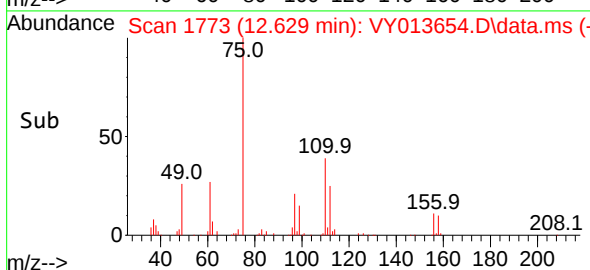
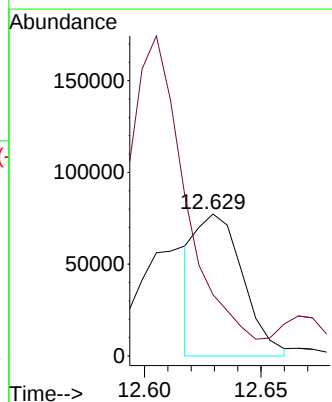
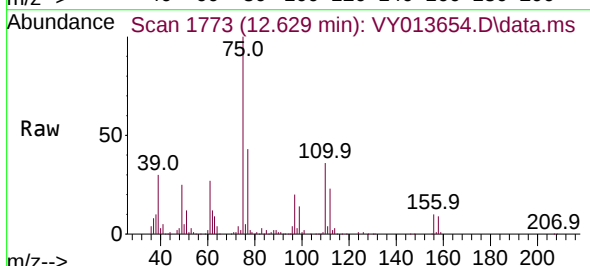
Manual Integrations
APPROVED

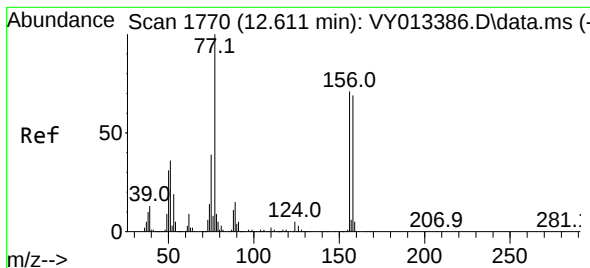
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/09/2023



#76
1,2,3-Trichloropropane
Concen: 51.889 ug/l m
RT: 12.629 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VY013654.D
Acq: 08 May 2023 17:45

Tgt Ion: 75 Resp: 109148
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 55.723 ug/l

RT: 12.605 min Scan# 1770

Delta R.T. -0.006 min

Lab File: VY013654.D

Acq: 08 May 2023 17:45

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

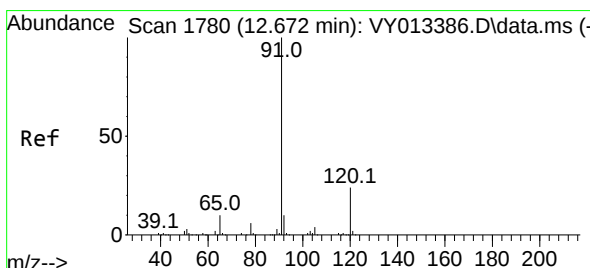
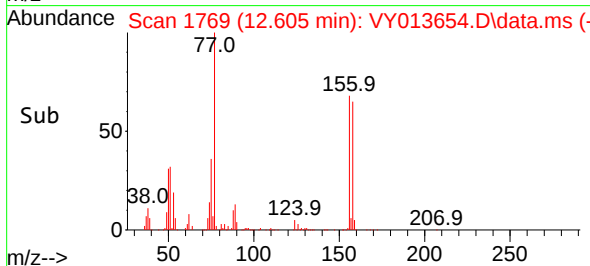
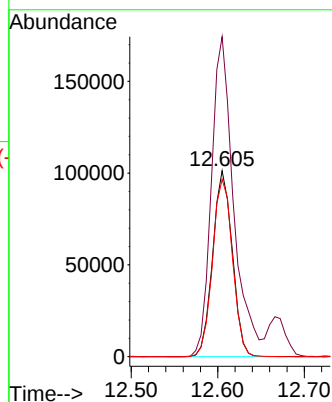
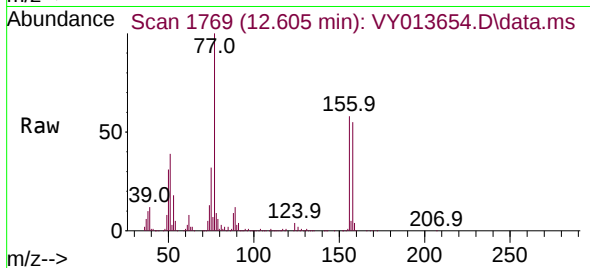
Tgt Ion:156 Resp: 159283
 Ion Ratio Lower Upper
 156 100
 77 193.9 87.6 262.9
 158 97.2 48.5 145.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/09/2023

Supervised By :Mahesh Dadoda 05/09/2023



#78

n-propylbenzene

Concen: 55.291 ug/l

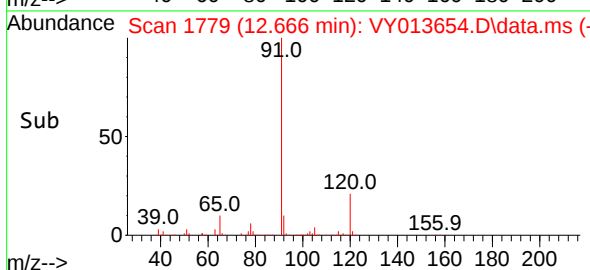
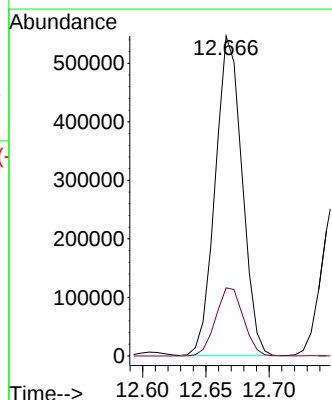
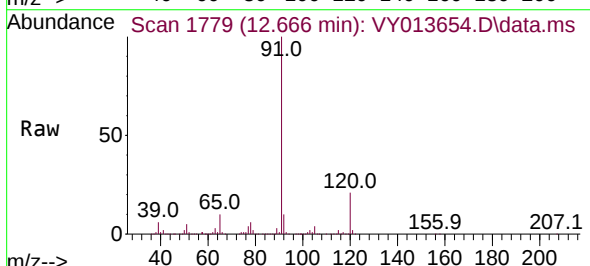
RT: 12.666 min Scan# 1779

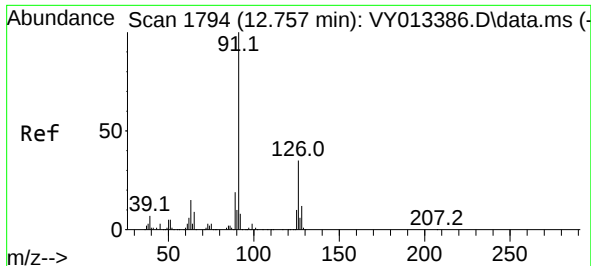
Delta R.T. -0.006 min

Lab File: VY013654.D

Acq: 08 May 2023 17:45

Tgt Ion: 91 Resp: 803424
 Ion Ratio Lower Upper
 91 100
 120 22.1 11.9 35.9





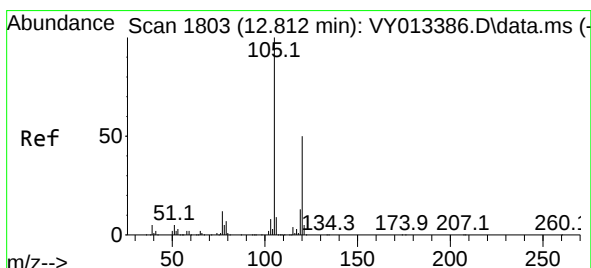
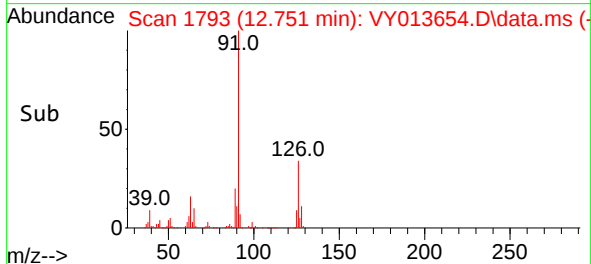
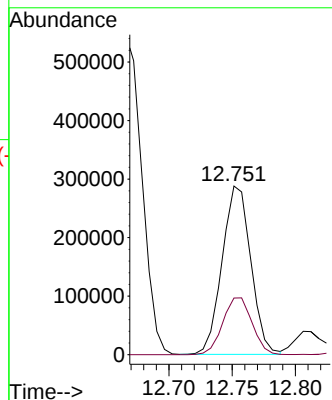
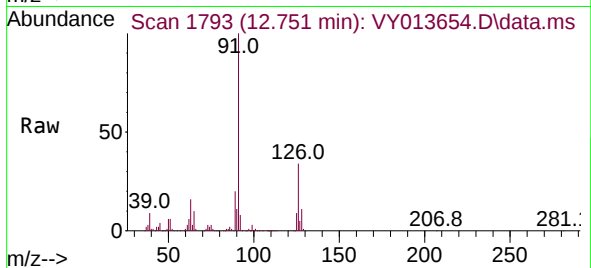
#79
2-Chlorotoluene
Concen: 56.072 ug/l
RT: 12.751 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VY013654.D
Acq: 08 May 2023 17:45

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 454990
Ion Ratio Lower Upper
91 100
126 34.5 17.8 53.4

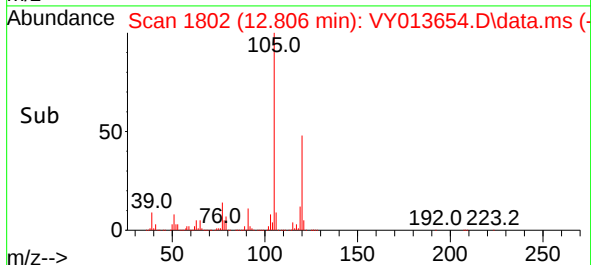
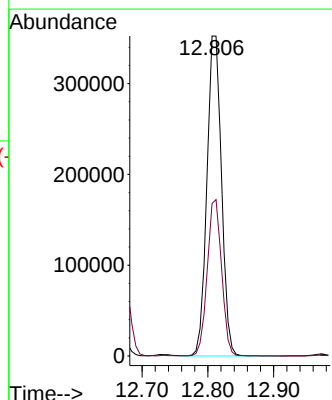
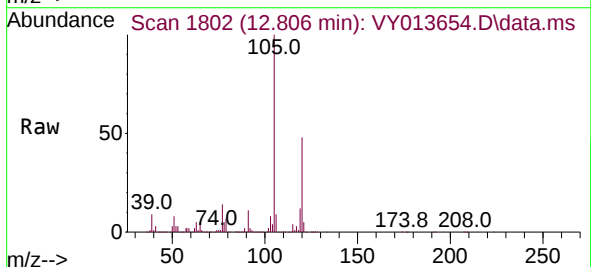
Manual Integrations
APPROVED

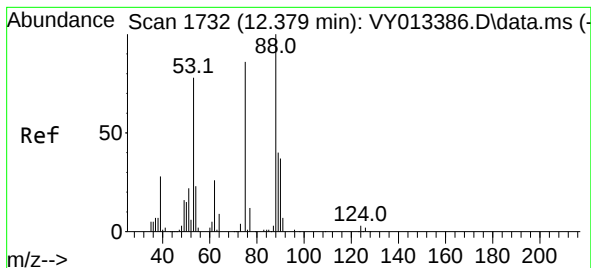
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/09/2023



#80
1,3,5-Trimethylbenzene
Concen: 56.418 ug/l
RT: 12.806 min Scan# 1802
Delta R.T. -0.006 min
Lab File: VY013654.D
Acq: 08 May 2023 17:45

Tgt Ion:105 Resp: 543233
Ion Ratio Lower Upper
105 100
120 48.3 24.7 74.1





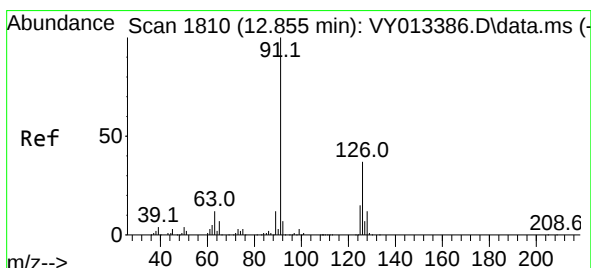
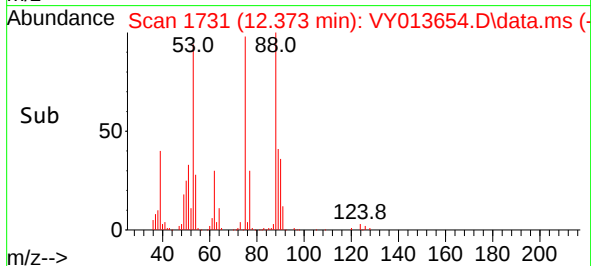
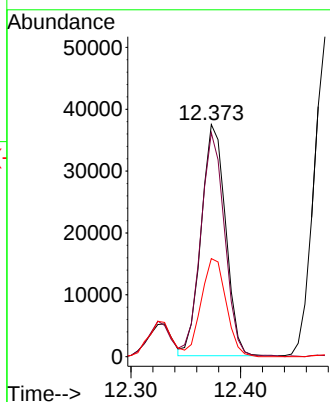
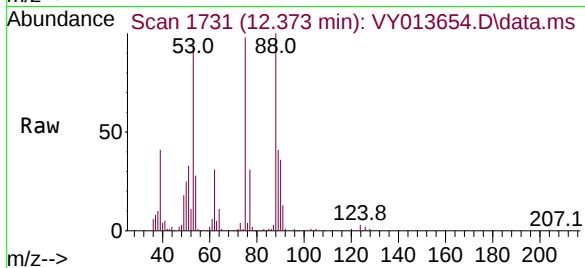
#81
trans-1,4-Dichloro-2-butene
Concen: 56.134 ug/l
RT: 12.373 min Scan# 1732
Delta R.T. -0.006 min
Lab File: VY013654.D
Acq: 08 May 2023 17:45

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 5772
Ion Ratio Lower Upper
75 100
53 95.7 73.2 109.8
89 43.2 38.0 57.0

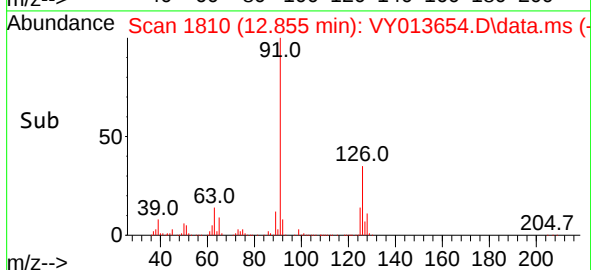
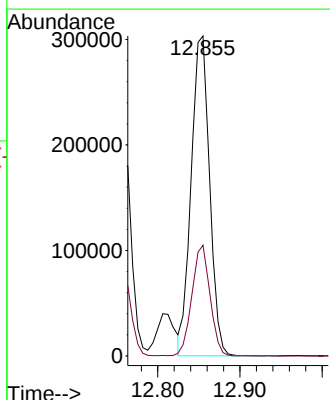
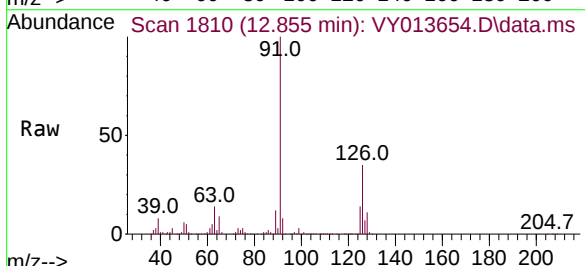
Manual Integrations
APPROVED

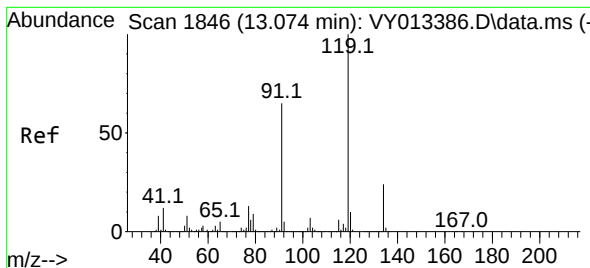
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/09/2023



#82
4-Chlorotoluene
Concen: 55.784 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VY013654.D
Acq: 08 May 2023 17:45

Tgt Ion: 91 Resp: 471800
Ion Ratio Lower Upper
91 100
126 34.1 17.9 53.8





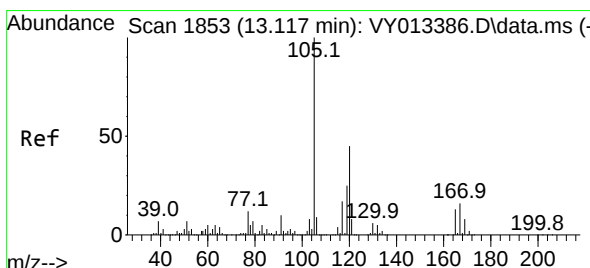
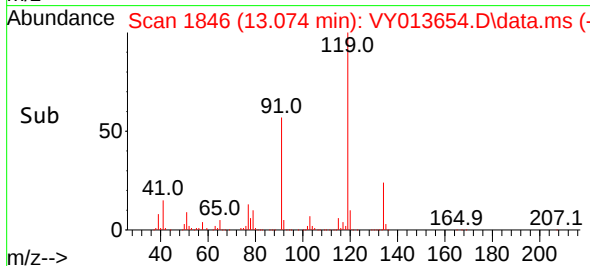
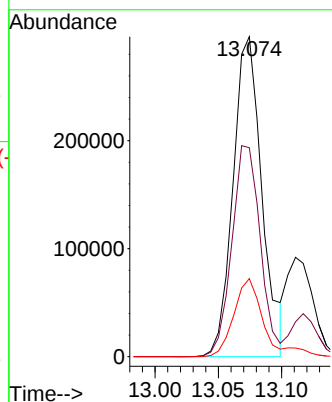
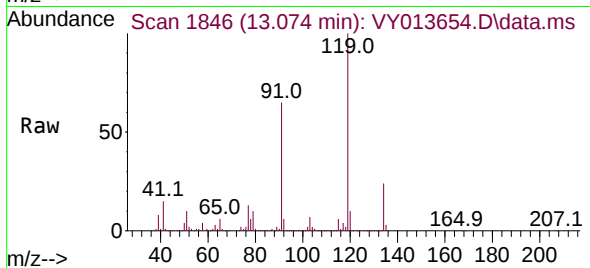
#83
tert-Butylbenzene
Concen: 56.438 ug/l
RT: 13.074 min Scan# 1846
Delta R.T. 0.000 min
Lab File: VY013654.D
Acq: 08 May 2023 17:45

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:119 Resp: 470809
Ion Ratio Lower Upper
119 100
91 65.0 32.2 96.6
134 25.4 13.0 38.9

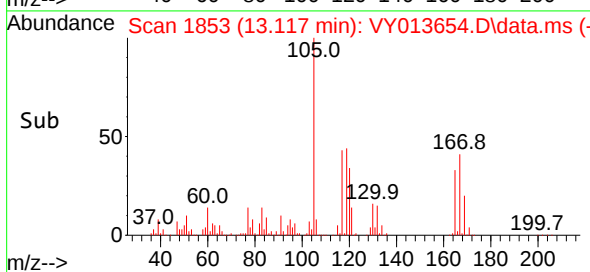
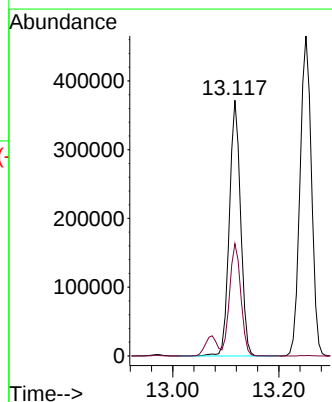
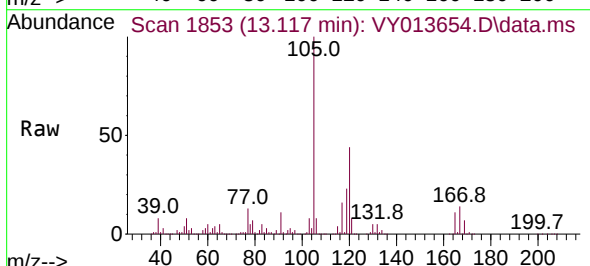
Manual Integrations
APPROVED

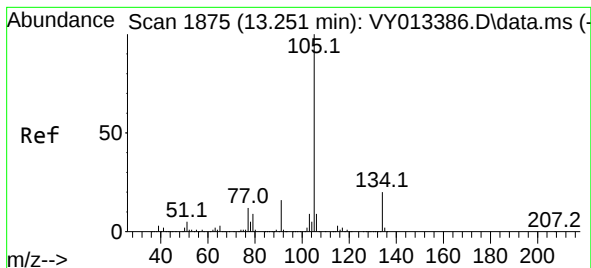
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/09/2023



#84
1,2,4-Trimethylbenzene
Concen: 58.236 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY013654.D
Acq: 08 May 2023 17:45

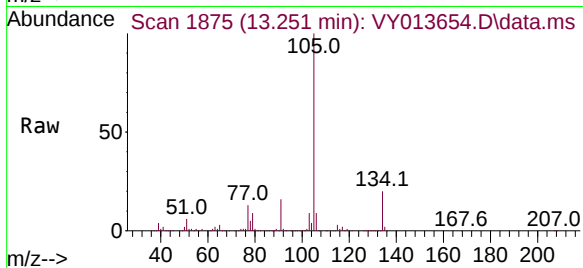
Tgt Ion:105 Resp: 545174
Ion Ratio Lower Upper
105 100
120 43.8 22.3 66.9





#85
 sec-Butylbenzene
 Concen: 55.482 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. 0.000 min
 Lab File: VY013654.D
 Acq: 08 May 2023 17:45

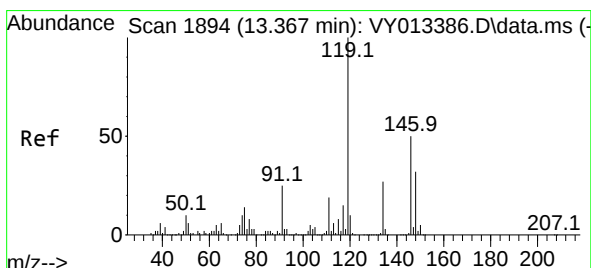
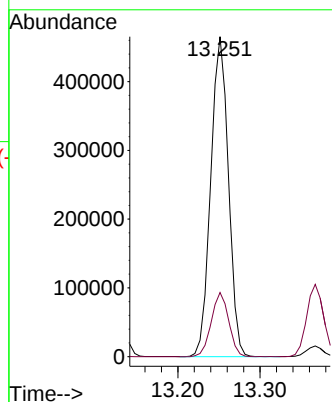
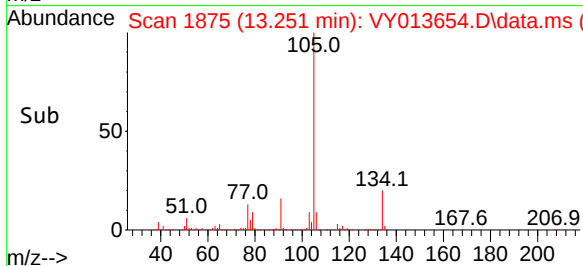
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC



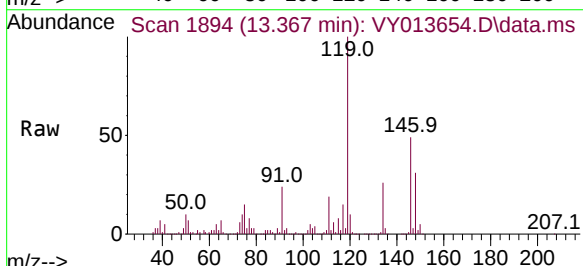
Tgt Ion:105 Resp: 694632
 Ion Ratio Lower Upper
 105 100
 134 19.8 10.3 30.9

Manual Integrations
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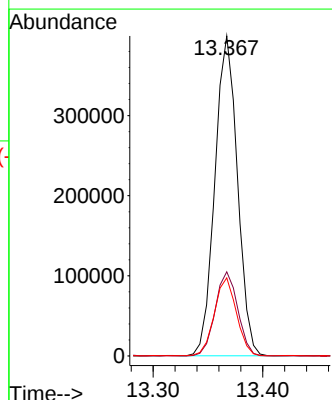
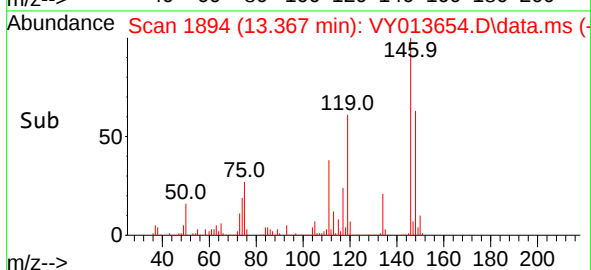
Reviewed By :John Carlone 05/09/2023
 Supervised By :Mahesh Dadoda 05/09/2023

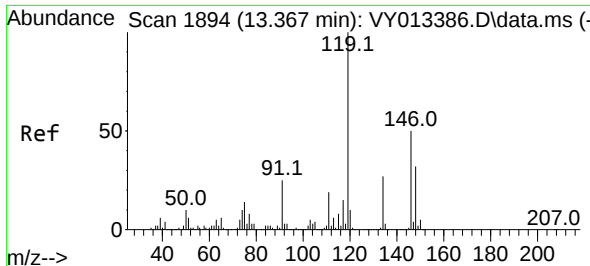


#86
 p-Isopropyltoluene
 Concen: 56.671 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: VY013654.D
 Acq: 08 May 2023 17:45



Tgt Ion:119 Resp: 570569
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.4 40.2
 91 23.9 12.1 36.3





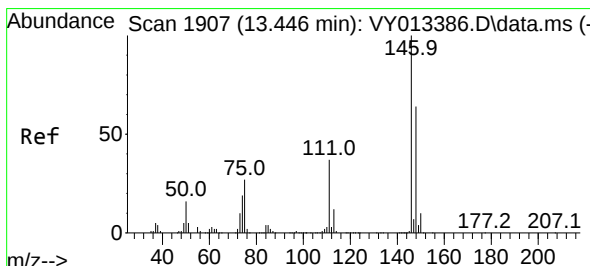
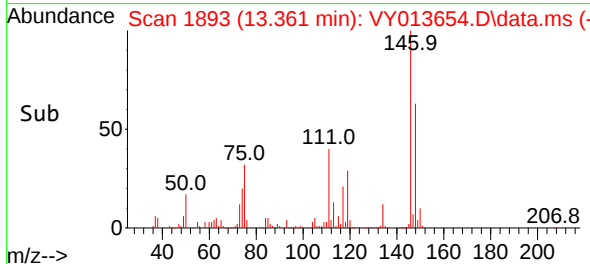
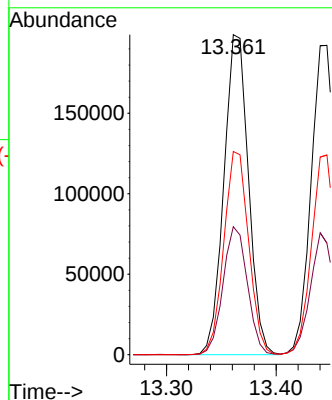
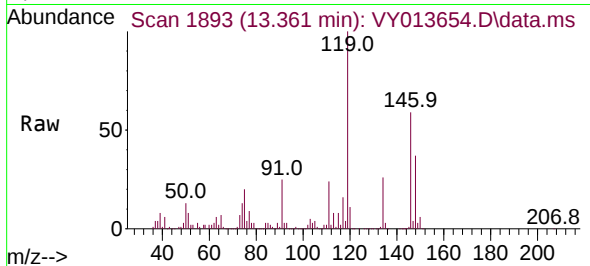
#87
1,3-Dichlorobenzene
Concen: 56.930 ug/l
RT: 13.361 min Scan# 1893
Delta R.T. -0.006 min
Lab File: VY013654.D
Acq: 08 May 2023 17:45

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:146 Resp: 31003
Ion Ratio Lower Upper
146 100
111 39.7 19.3 57.9
148 64.0 31.9 95.7

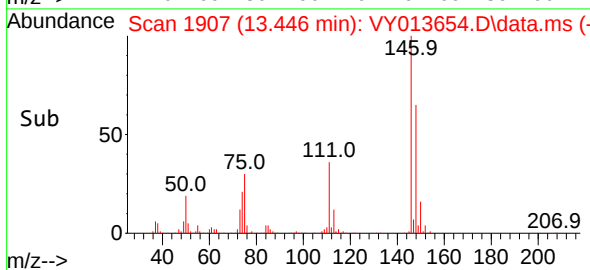
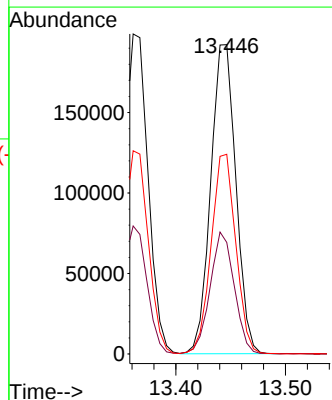
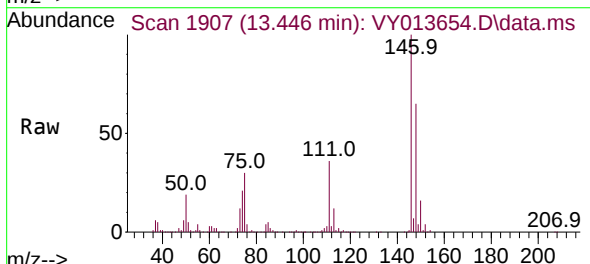
Manual Integrations
APPROVED

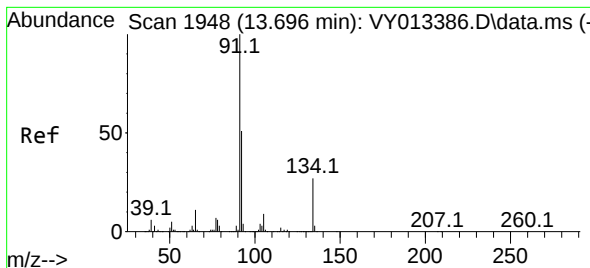
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/09/2023



#88
1,4-Dichlorobenzene
Concen: 55.652 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY013654.D
Acq: 08 May 2023 17:45

Tgt Ion:146 Resp: 306155
Ion Ratio Lower Upper
146 100
111 38.0 18.9 56.5
148 63.4 31.9 95.5





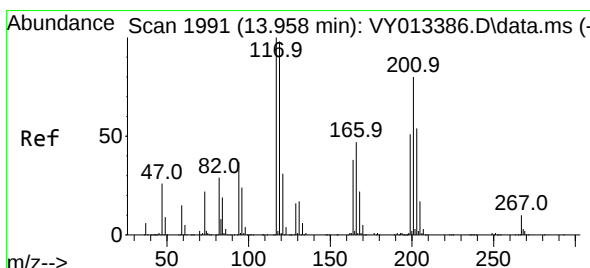
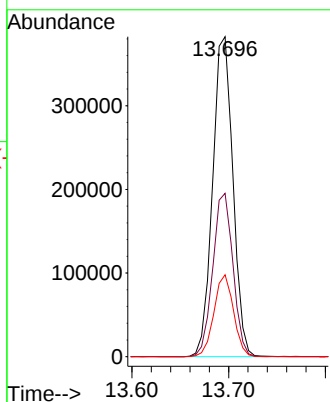
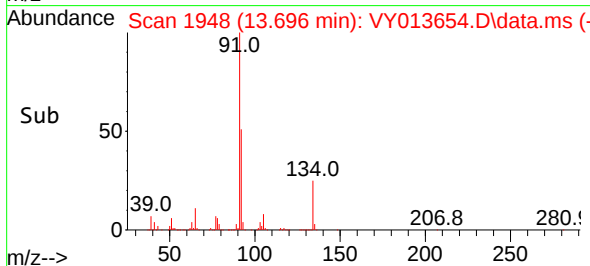
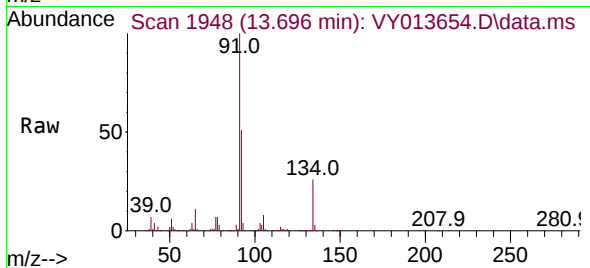
#89
n-Butylbenzene
Concen: 56.692 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY013654.D
Acq: 08 May 2023 17:45

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 55709
Ion Ratio Lower Upper
91 100
92 50.9 25.8 77.3
134 24.7 13.5 40.4

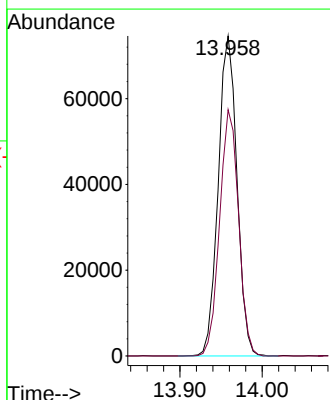
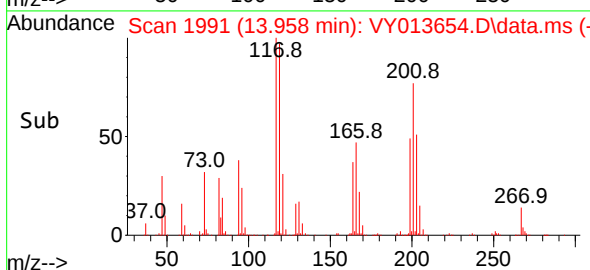
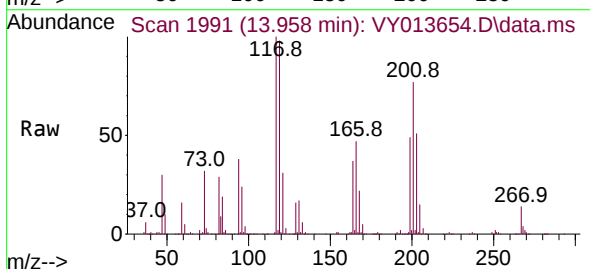
Manual Integrations
APPROVED

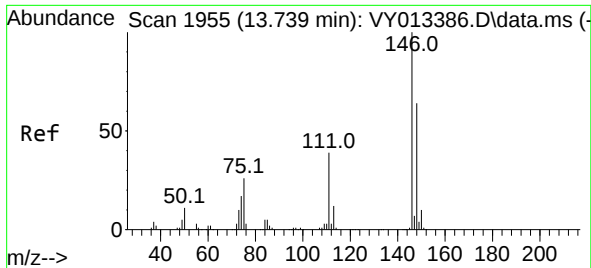
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/09/2023



#90
Hexachloroethane
Concen: 55.874 ug/l
RT: 13.958 min Scan# 1991
Delta R.T. 0.000 min
Lab File: VY013654.D
Acq: 08 May 2023 17:45

Tgt Ion:117 Resp: 118397
Ion Ratio Lower Upper
117 100
201 77.7 41.6 124.8





#91

1,2-Dichlorobenzene

Concen: 57.093 ug/l

RT: 13.733 min Scan# 1955

Delta R.T. -0.006 min

Lab File: VY013654.D

Acq: 08 May 2023 17:45

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

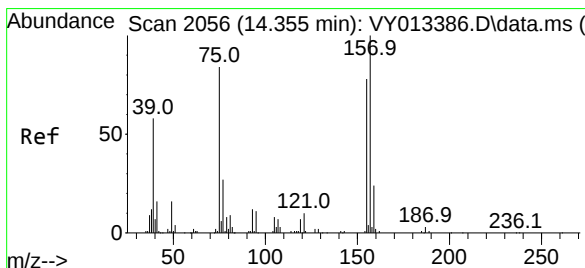
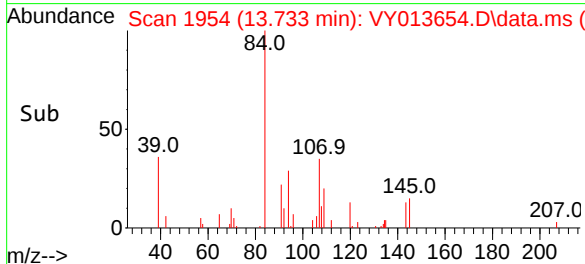
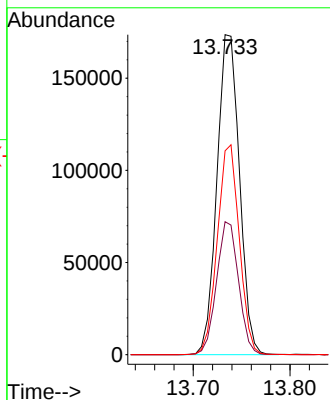
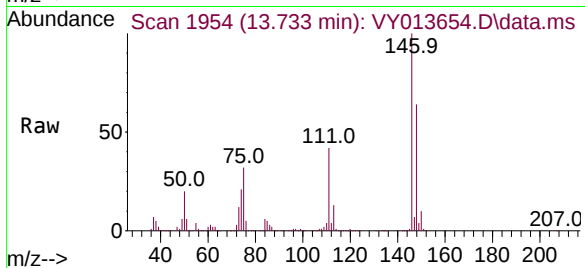
Tgt Ion:	146	Resp:	280774
Ion	Ratio	Lower	Upper
146	100		
111	40.6	19.8	59.4
148	64.1	31.8	95.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/09/2023

Supervised By :Mahesh Dadoda 05/09/2023



#92

1,2-Dibromo-3-Chloropropane

Concen: 54.598 ug/l

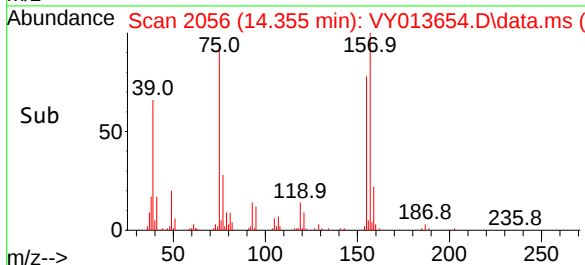
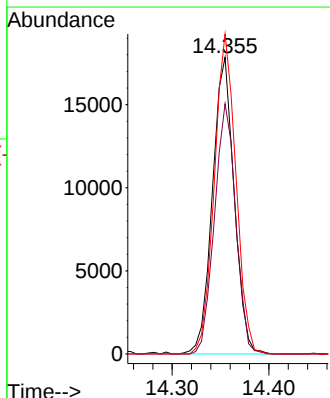
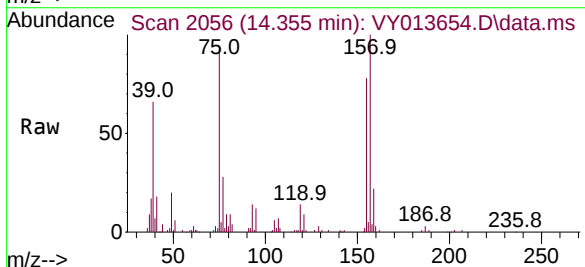
RT: 14.355 min Scan# 2056

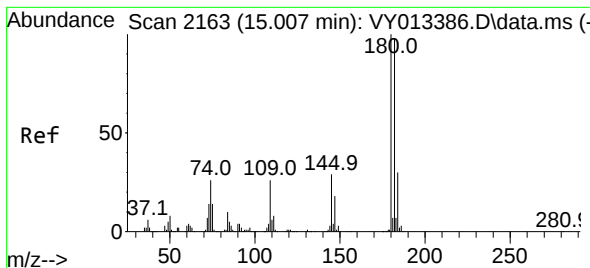
Delta R.T. -0.000 min

Lab File: VY013654.D

Acq: 08 May 2023 17:45

Tgt Ion:	75	Resp:	27805
Ion	Ratio	Lower	Upper
75	100		
155	82.6	44.6	134.0
157	107.3	57.6	172.7





#93

1,2,4-Trichlorobenzene

Concen: 60.762 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY013654.D

Acq: 08 May 2023 17:45

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

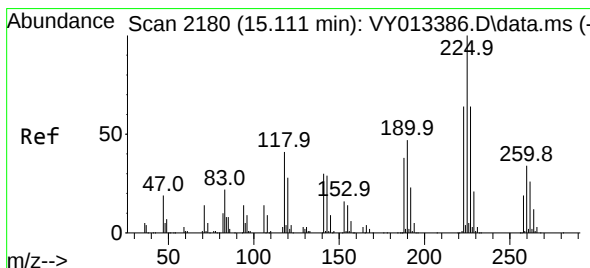
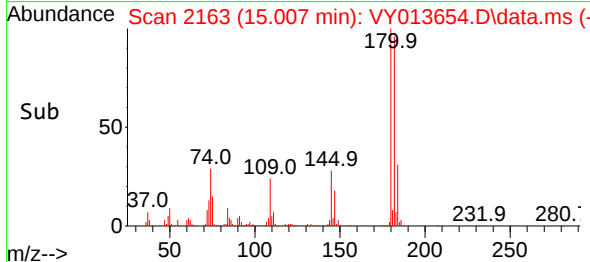
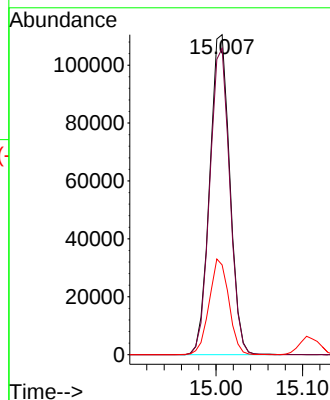
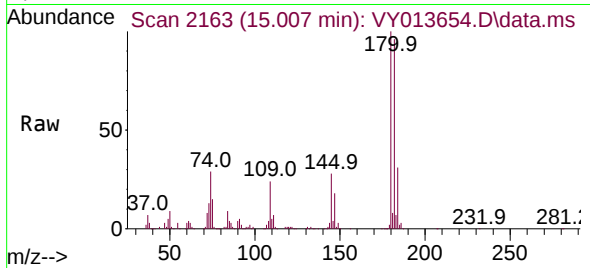
Tgt Ion:180	Resp: 178150
Ion Ratio	Lower Upper
180 100	
182 95.1	48.5 145.5
145 29.3	15.0 45.0

Manual Integrations

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#94

Hexachlorobutadiene

Concen: 59.794 ug/l

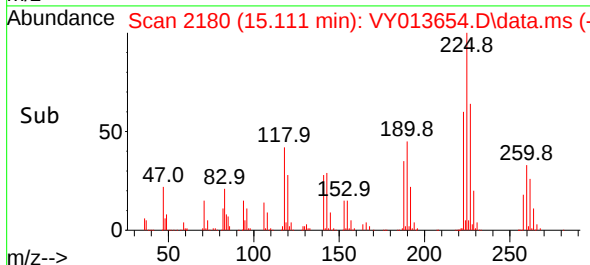
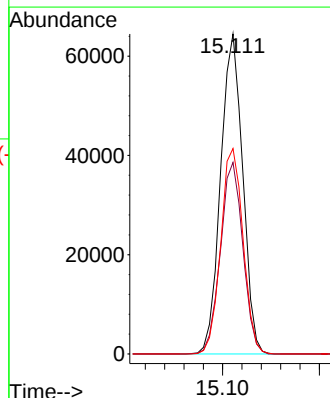
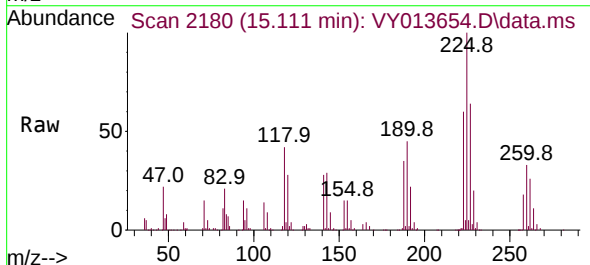
RT: 15.111 min Scan# 2180

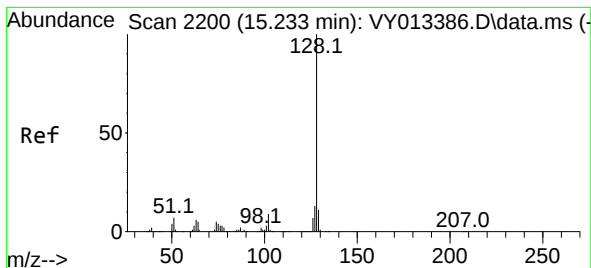
Delta R.T. -0.000 min

Lab File: VY013654.D

Acq: 08 May 2023 17:45

Tgt Ion:225	Resp: 102032
Ion Ratio	Lower Upper
225 100	
223 60.8	31.4 94.2
227 64.9	32.0 96.0





#95

Naphthalene

Concen: 59.768 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. -0.000 min

Lab File: VY013654.D

Acq: 08 May 2023 17:45

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

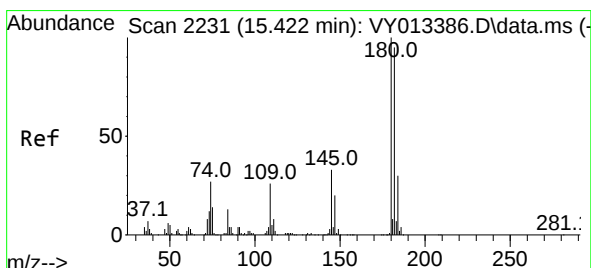
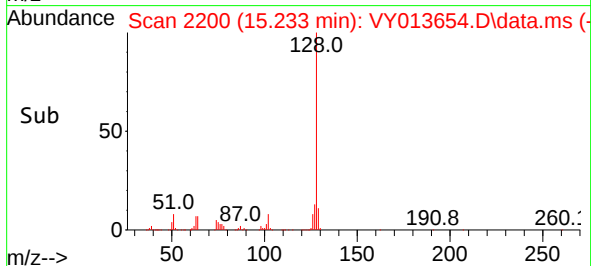
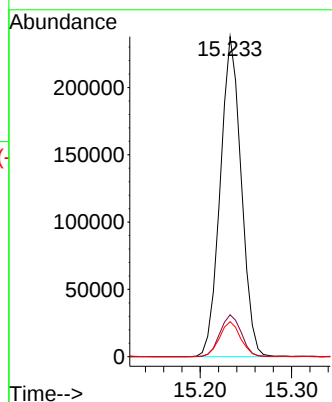
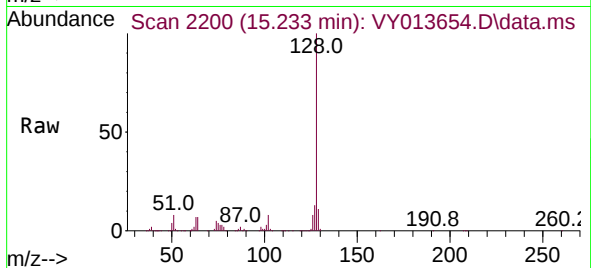
Tgt Ion:128	Resp: 38022
Ion Ratio	Lower Upper
128 100	
127 13.4	10.7 16.1
129 11.0	8.8 13.2

Manual Integrations

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Supervised By :Mahesh Dadoda 05/09/2023



#96

1,2,3-Trichlorobenzene

Concen: 61.954 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY013654.D

Acq: 08 May 2023 17:45

Tgt Ion:180	Resp: 161904
Ion Ratio	Lower Upper
180 100	
182 95.6	47.1 141.3
145 30.7	15.9 47.7

