

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070523\
 Data File : VY014556.D
 Acq On : 05 Jul 2023 14:20
 Operator : KP/MD
 Sample : VY0703SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0703SBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/06/2023
 Supervised By : Mahesh Dadoda 07/06/2023

Quant Time: Jul 05 14:55:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y063023S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 30 19:02:11 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	321851	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	479499	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	444896	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	238266	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	166026	51.855	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 103.720%			
35) Dibromofluoromethane	7.710	113	154143	52.202	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 104.400%			
50) Toluene-d8	10.173	98	598232	51.251	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 102.500%			
62) 4-Bromofluorobenzene	12.477	95	207347	51.156	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 102.320%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	63966	25.474	ug/l	97
3) Chloromethane	2.107	50	92038	24.692	ug/l	97
4) Vinyl Chloride	2.241	62	106363	24.756	ug/l	100
5) Bromomethane	2.619	94	87244	26.187	ug/l	97
6) Chloroethane	2.772	64	65160	23.554	ug/l	98
7) Trichlorofluoromethane	3.107	101	119291	22.861	ug/l	98
8) Diethyl Ether	3.522	74	42072	21.294	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.881	101	67806	21.760	ug/l	99
10) Methyl Iodide	4.076	142	61255	17.226	ug/l	93
11) Tert butyl alcohol	4.942	59	86162	147.392	ug/l #	93
12) 1,1-Dichloroethene	3.857	96	65531	21.708	ug/l	88
13) Acrolein	3.723	56	45977	107.987	ug/l	99
14) Allyl chloride	4.466	41	92925	20.423	ug/l	89
15) Acrylonitrile	5.155	53	113258	99.853	ug/l	98
16) Acetone	3.936	43	90393	90.405	ug/l #	87
17) Carbon Disulfide	4.180	76	201875	21.944	ug/l	99
18) Methyl Acetate	4.466	43	93708	20.588	ug/l	93
19) Methyl tert-butyl Ether	5.210	73	173714	20.022	ug/l	100
20) Methylene Chloride	4.698	84	88331	21.518	ug/l	86
21) trans-1,2-Dichloroethene	5.210	96	72233	21.139	ug/l	93
22) Diisopropyl ether	6.106	45	200816	21.419	ug/l	94
23) Vinyl Acetate	6.052	43	557543	102.785	ug/l #	93
24) 1,1-Dichloroethane	6.003	63	126277	21.454	ug/l	99
25) 2-Butanone	6.978	43	143105	96.660	ug/l	95
26) 2,2-Dichloropropane	6.972	77	95679	19.072	ug/l	95
27) cis-1,2-Dichloroethene	6.978	96	79512	20.513	ug/l	93
28) Bromochloromethane	7.326	49	59253	23.975	ug/l	91
29) Tetrahydrofuran	7.344	42	98270	102.906	ug/l	92
30) Chloroform	7.496	83	129301	21.059	ug/l	94
31) Cyclohexane	7.777	56	108196	21.540	ug/l	93
32) 1,1,1-Trichloroethane	7.691	97	110570	21.069	ug/l	98
36) 1,1-Dichloropropene	7.911	75	97061	21.465	ug/l	98
37) Ethyl Acetate	7.064	43	64470	20.789	ug/l #	94
38) Carbon Tetrachloride	7.893	117	100395	21.268	ug/l	97
39) Methylcyclohexane	9.179	83	114667	21.215	ug/l	98
40) Benzene	8.155	78	285981	20.893	ug/l	98

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 Quant Title : SW846 8260
 QLast Update : Fri Jun 30 19:02:11 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	30830m	20.350	ug/l	
42) 1,2-Dichloroethane	8.228	62	86108	21.403	ug/l	95
43) Isopropyl Acetate	8.271	43	107150	20.389	ug/l #	93
44) Trichloroethene	8.935	130	79341	20.792	ug/l	96
45) 1,2-Dichloropropane	9.210	63	74968	21.350	ug/l	97
46) Dibromomethane	9.301	93	45444	21.258	ug/l	98
47) Bromodichloromethane	9.490	83	98480	20.908	ug/l	97
48) Methyl methacrylate	9.289	41	48036	20.100	ug/l #	80
49) 1,4-Dioxane	9.295	88	15642	409.767	ug/l #	63
51) 4-Methyl-2-Pentanone	10.063	43	318058	102.226	ug/l	90
52) Toluene	10.240	92	178456	20.718	ug/l	98
53) t-1,3-Dichloropropene	10.459	75	102496	20.349	ug/l	100
54) cis-1,3-Dichloropropene	9.923	75	116678	20.762	ug/l #	87
55) 1,1,2-Trichloroethane	10.642	97	64871	20.855	ug/l	96
56) Ethyl methacrylate	10.508	69	84956	20.078	ug/l #	82
57) 1,3-Dichloropropane	10.782	76	105036	20.724	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.776	63	218722	106.700	ug/l	99
59) 2-Hexanone	10.825	43	227419	101.188	ug/l	88
60) Dibromochloromethane	10.977	129	75496	20.713	ug/l	100
61) 1,2-Dibromoethane	11.081	107	61995	20.414	ug/l	98
64) Tetrachloroethene	10.715	164	88111	22.155	ug/l	97
65) Chlorobenzene	11.514	112	196543	20.730	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	74738	20.740	ug/l	98
67) Ethyl Benzene	11.587	91	328876	20.341	ug/l	97
68) m/p-Xylenes	11.697	106	262642	40.952	ug/l	96
69) o-Xylene	12.026	106	120584	19.824	ug/l	98
70) Styrene	12.038	104	212894	20.343	ug/l	97
71) Bromoform	12.203	173	56141	20.507	ug/l #	99
73) Isopropylbenzene	12.325	105	322952	20.696	ug/l	99
74) N-amyl acetate	12.142	43	95998	20.383	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.575	83	82558	20.616	ug/l	98
76) 1,2,3-Trichloropropane	12.630	75	68638m	24.549	ug/l	
77) Bromobenzene	12.605	156	87686	20.573	ug/l	96
78) n-propylbenzene	12.666	91	405000	21.276	ug/l	100
79) 2-Chlorotoluene	12.752	91	228238	20.835	ug/l	98
80) 1,3,5-Trimethylbenzene	12.806	105	274179	20.755	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.374	75	27833	19.376	ug/l	88
82) 4-Chlorotoluene	12.849	91	238283	20.763	ug/l	97
83) tert-Butylbenzene	13.075	119	237814	20.483	ug/l	97
84) 1,2,4-Trimethylbenzene	13.117	105	276469	20.973	ug/l	98
85) sec-Butylbenzene	13.251	105	361487	21.100	ug/l	100
86) p-Isopropyltoluene	13.367	119	299561	20.777	ug/l	98
87) 1,3-Dichlorobenzene	13.361	146	169684	20.362	ug/l	98
88) 1,4-Dichlorobenzene	13.440	146	171372	20.520	ug/l	99
89) n-Butylbenzene	13.690	91	281457	21.124	ug/l	99
90) Hexachloroethane	13.959	117	61659	21.590	ug/l	89
91) 1,2-Dichlorobenzene	13.733	146	157762	20.900	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	15163	20.682	ug/l	92
93) 1,2,4-Trichlorobenzene	15.001	180	98302	20.163	ug/l	96
94) Hexachlorobutadiene	15.111	225	65465	21.847	ug/l	99
95) Naphthalene	15.233	128	200548	19.334	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	92047	20.721	ug/l	98

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ClientSampleId :
VY0703SBSD01

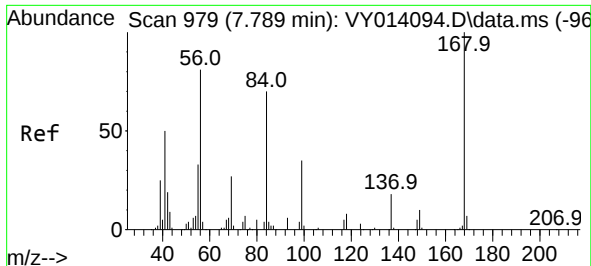
Manual Integrations
APPROVED

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y063023S.M
Quant Title : SW846 8260
QLast Update : Fri Jun 30 19:02:11 2023
Response via : Initial Calibration

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



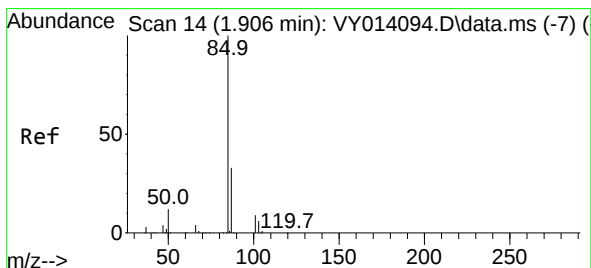
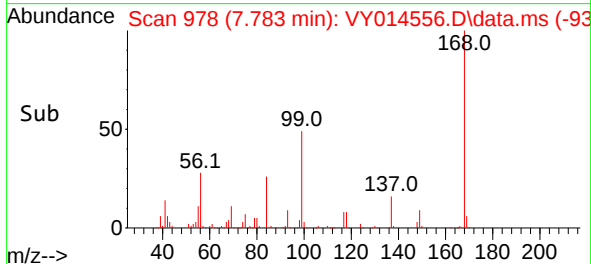
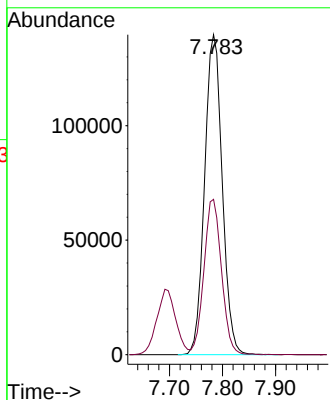
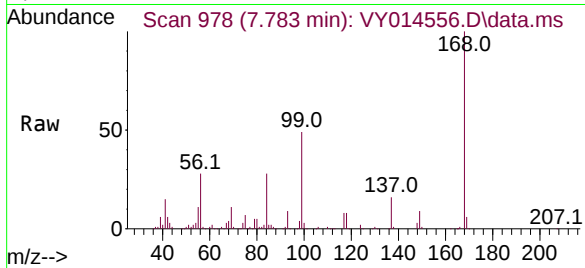
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014556.D
Acq: 05 Jul 2023 14:20

Instrument :
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Tgt Ion:168 Resp: 32185
Ion Ratio Lower Upper
168 100
99 48.5 43.4 65.0

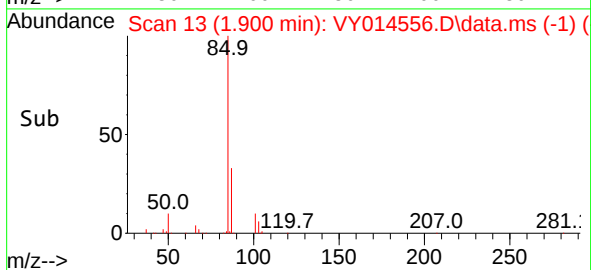
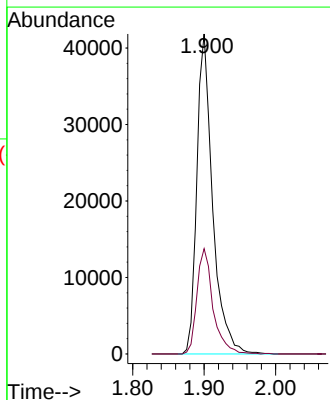
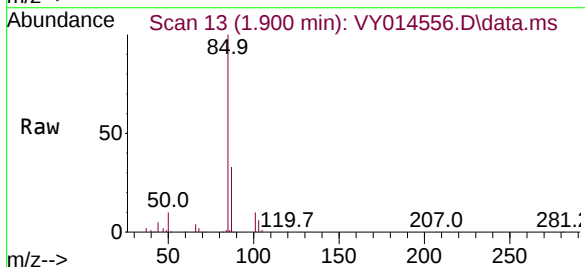
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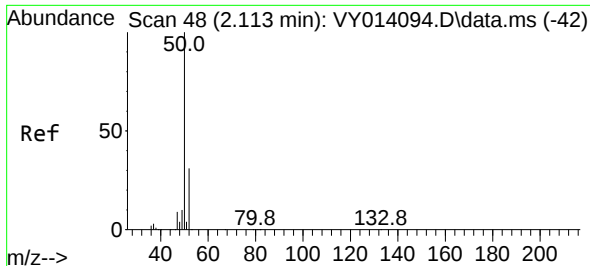
Reviewed By :John Carlone 07/06/2023
Supervised By :Mahesh Dadoda 07/06/2023



#2
Dichlorodifluoromethane
Concen: 25.474 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.006 min
Lab File: VY014556.D
Acq: 05 Jul 2023 14:20

Tgt Ion: 85 Resp: 63966
Ion Ratio Lower Upper
85 100
87 32.9 15.6 46.8





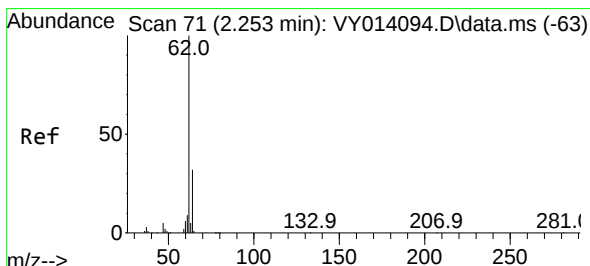
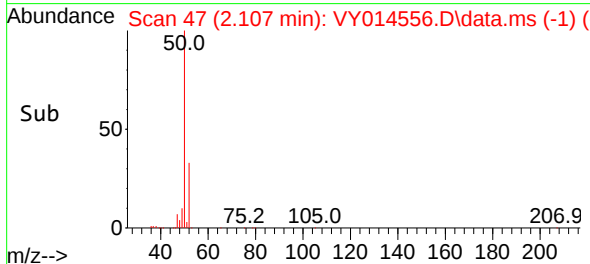
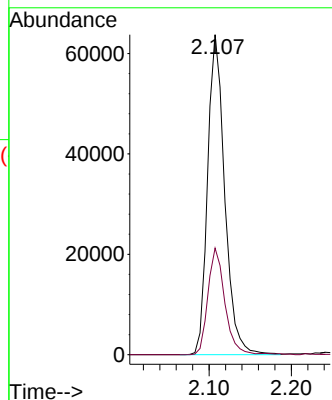
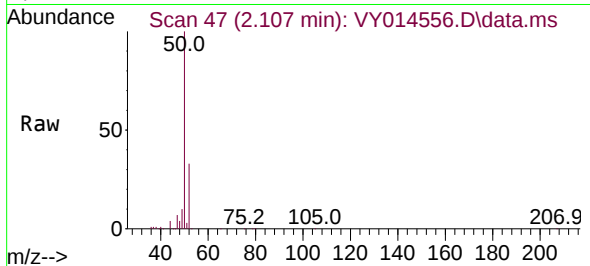
#3
Chloromethane
Concen: 24.692 ug/l
RT: 2.107 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY014556.D
Acq: 05 Jul 2023 14:20

Instrument :
MSVOA_Y
ClientSampleId :
VY0703SBSD01

Tgt Ion: 50 Resp: 92038
Ion Ratio Lower Upper
50 100
52 33.3 25.4 38.2

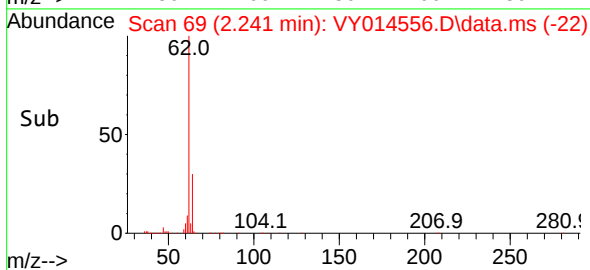
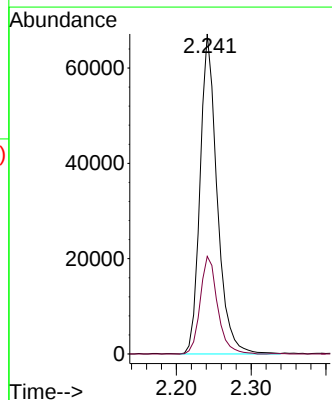
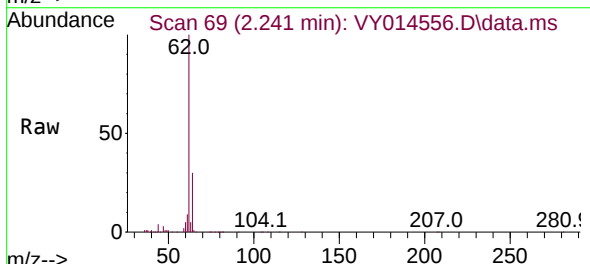
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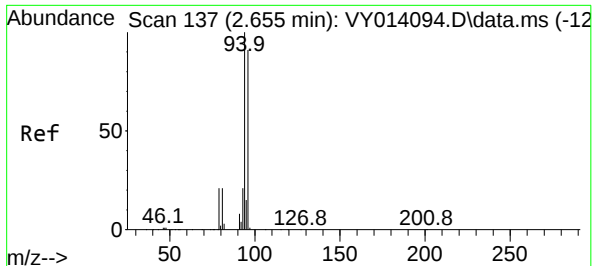
Reviewed By :John Carlone 07/06/2023
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#4
Vinyl Chloride
Concen: 24.756 ug/l
RT: 2.241 min Scan# 69
Delta R.T. -0.012 min
Lab File: VY014556.D
Acq: 05 Jul 2023 14:20

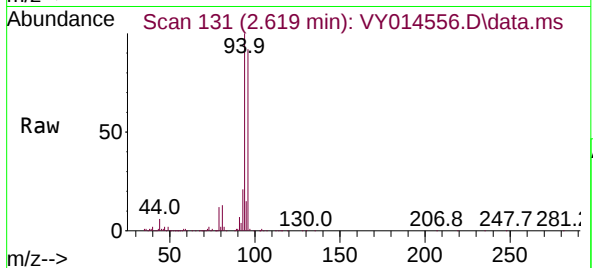
Tgt Ion: 62 Resp: 106363
Ion Ratio Lower Upper
62 100
64 30.5 24.3 36.5





#5
Bromomethane
Concen: 26.187 ug/l
RT: 2.619 min Scan# 11
Delta R.T. -0.036 min
Lab File: VY014556.D
Acq: 05 Jul 2023 14:20

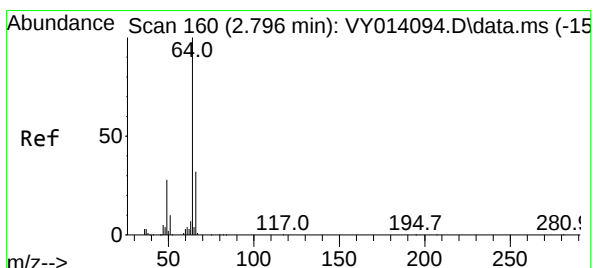
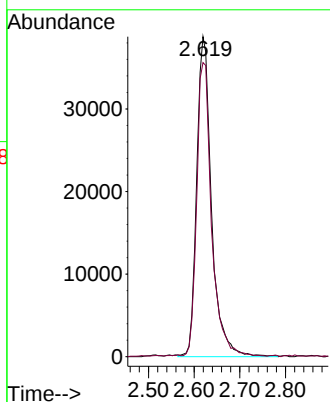
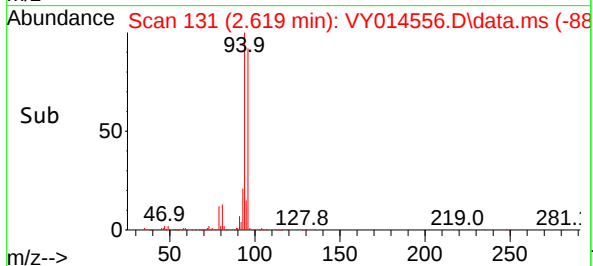
Instrument :
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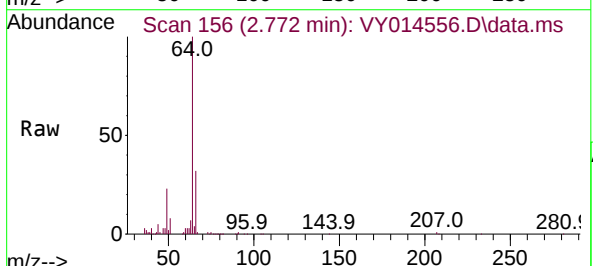
Tgt Ion: 94 Resp: 87244
Ion Ratio Lower Upper
94 100
96 91.6 75.8 113.6

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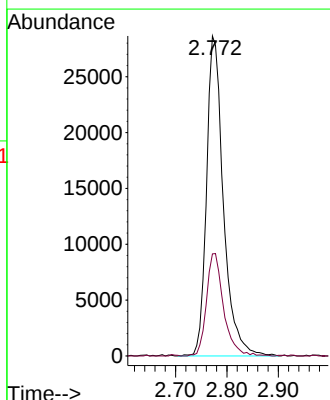
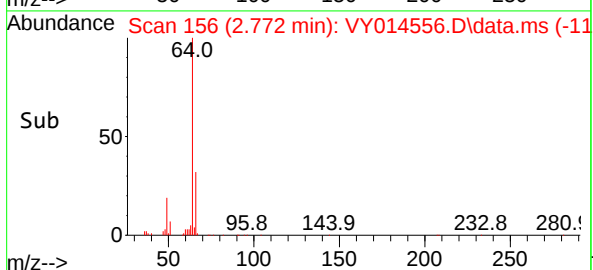
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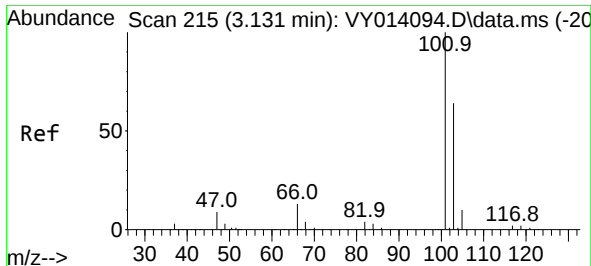


#6
Chloroethane
Concen: 23.554 ug/l
RT: 2.772 min Scan# 156
Delta R.T. -0.024 min
Lab File: VY014556.D
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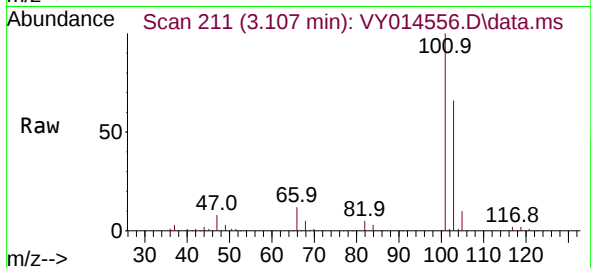
Tgt Ion: 64 Resp: 65160
Ion Ratio Lower Upper
64 100
66 31.7 24.4 36.6





#7
Trichlorofluoromethane
Concen: 22.861 ug/l
RT: 3.107 min Scan# 215
Delta R.T. -0.024 min
Lab File: VY014556.D
Acq: 05 Jul 2023 14:20

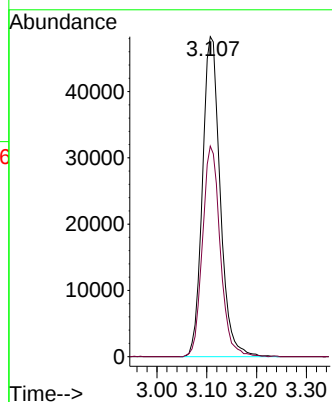
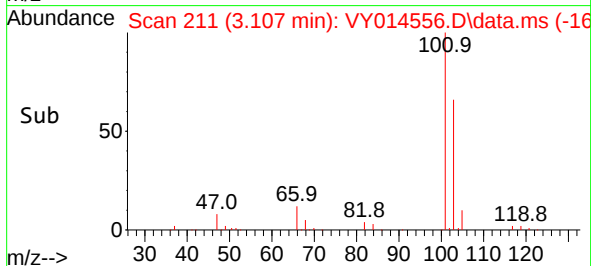
Instrument :
MSVOA_Y
ClientSampleId :
VY0703SBSD01



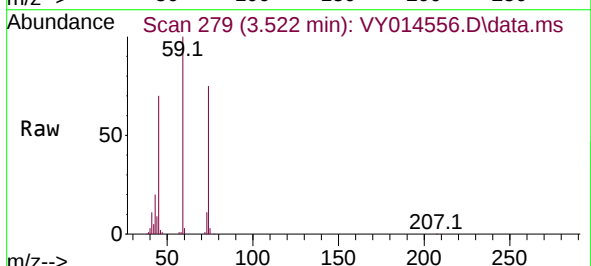
Tgt Ion:101 Resp: 11929
Ion Ratio Lower Upper
101 100
103 65.8 51.4 77.0

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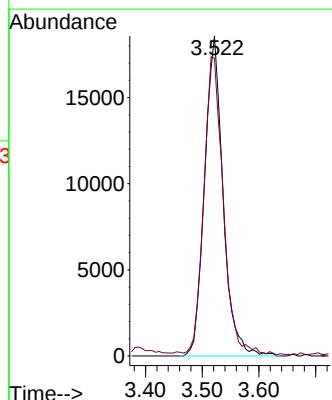
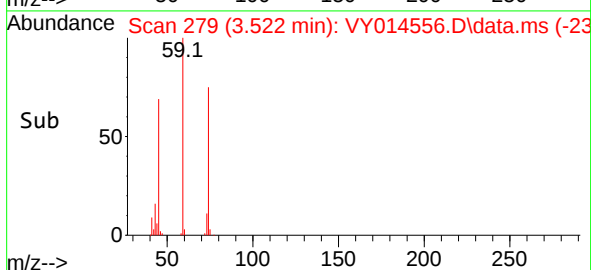
Reviewed By :John Carlone 07/06/2023
Supervised By :Mahesh Dadoda 07/06/2023



#8
Diethyl Ether
Concen: 21.294 ug/l
RT: 3.522 min Scan# 279
Delta R.T. -0.011 min
Lab File: VY014556.D
Acq: 05 Jul 2023 14:20



Tgt Ion: 74 Resp: 42072
Ion Ratio Lower Upper
74 100
45 96.3 51.5 154.5





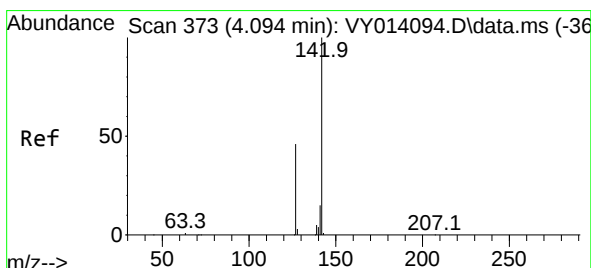
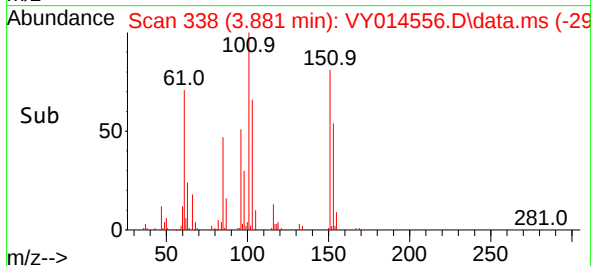
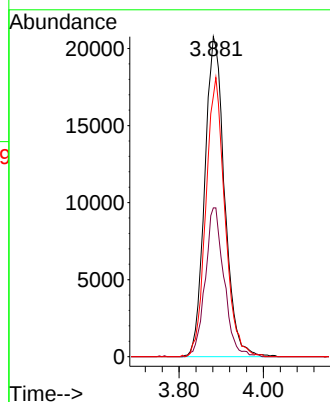
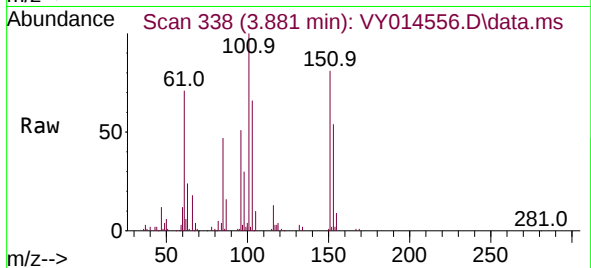
#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.760 ug/l
RT: 3.881 min Scan# 31
Delta R.T. -0.024 min
Lab File: VY014556.D
Acq: 05 Jul 2023 14:20

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Tgt Ion:101 Resp: 67800
Ion Ratio Lower Upper
101 100
85 44.1 36.6 55.0
151 83.7 67.0 100.6

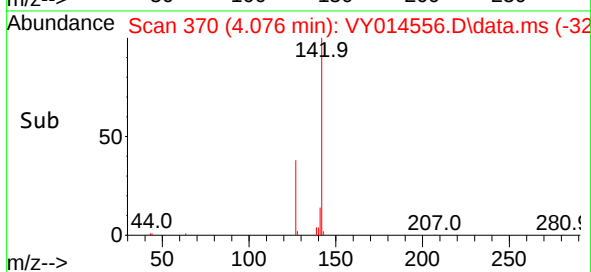
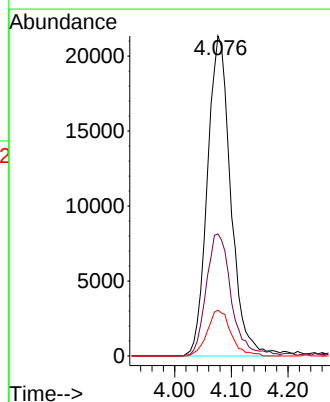
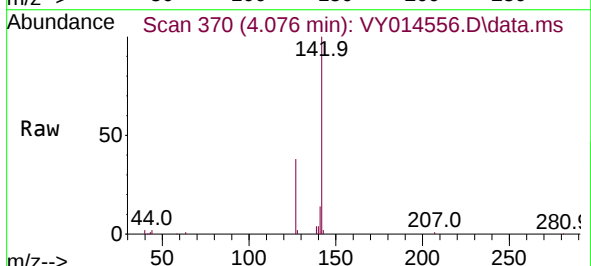
Manual Integrations
APPROVED

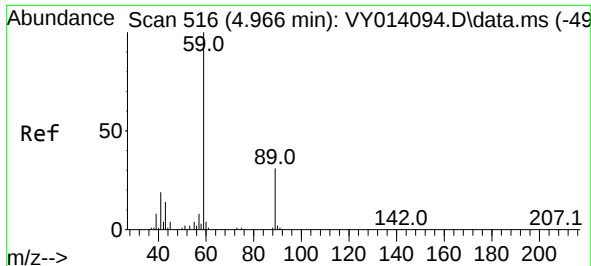
Reviewed By :John Carlone 07/06/2023
Supervised By :Mahesh Dadoda 07/06/2023



#10
Methyl Iodide
Concen: 17.226 ug/l
RT: 4.076 min Scan# 370
Delta R.T. -0.018 min
Lab File: VY014556.D
Acq: 05 Jul 2023 14:20

Tgt Ion:142 Resp: 61255
Ion Ratio Lower Upper
142 100
127 40.9 37.6 56.4
141 14.4 11.8 17.8





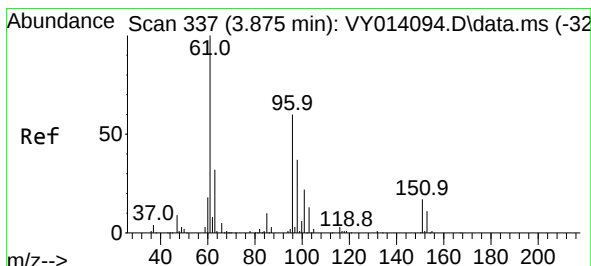
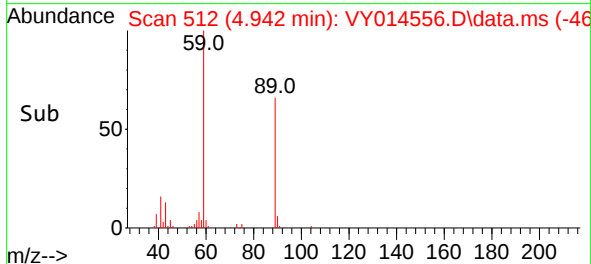
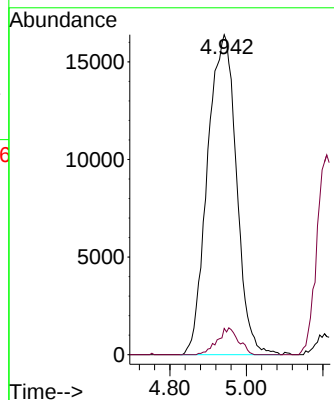
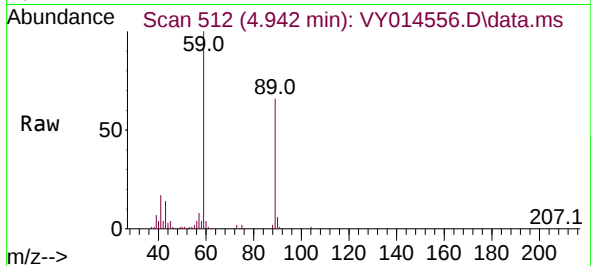
#11
Tert butyl alcohol
Concen: 147.392 ug/l
RT: 4.942 min Scan# 516
Delta R.T. -0.024 min
Lab File: VY014556.D
Acq: 05 Jul 2023 14:20

Instrument :
MSVOA_Y
ClientSampleId :
VY0703SBS01

Tgt Ion: 59 Resp: 86162
Ion Ratio Lower Upper
59 100
57 6.1 3.0 4.4

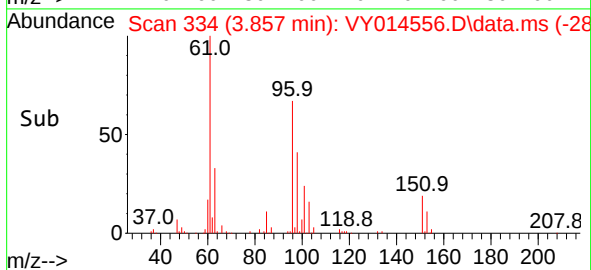
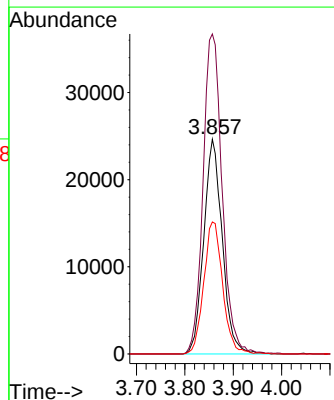
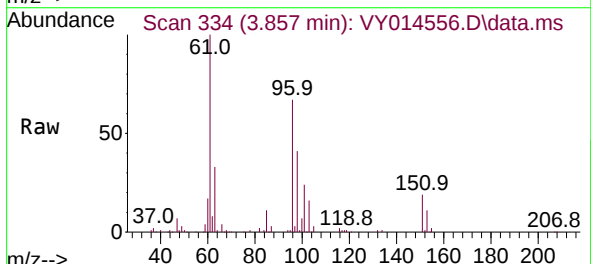
Manual Integrations
APPROVED

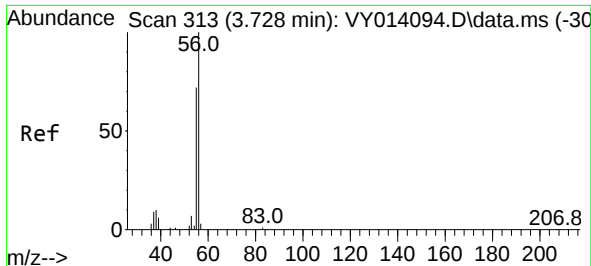
Reviewed By :John Carlone 07/06/2023
Supervised By :Mahesh Dadoda 07/06/2023



#12
1,1-Dichloroethene
Concen: 21.708 ug/l
RT: 3.857 min Scan# 334
Delta R.T. -0.018 min
Lab File: VY014556.D
Acq: 05 Jul 2023 14:20

Tgt Ion: 96 Resp: 65531
Ion Ratio Lower Upper
96 100
61 149.1 136.4 204.6
98 61.5 49.4 74.2





#13

Acrolein

Concen: 107.987 ug/l

RT: 3.723 min Scan# 313

Delta R.T. -0.005 min

Lab File: VY014556.D

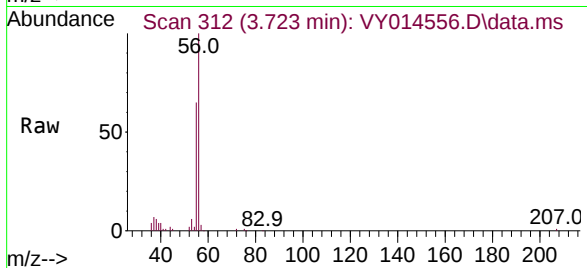
Acq: 05 Jul 2023 14:20

Instrument :

MSVOA_Y

ClientSampleId :

VY0703SBS01



Tgt Ion: 56 Resp: 4597

Ion Ratio Lower Upper

56 100

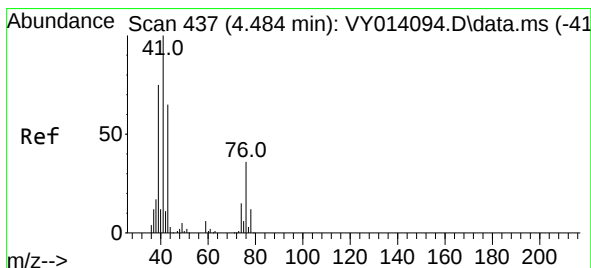
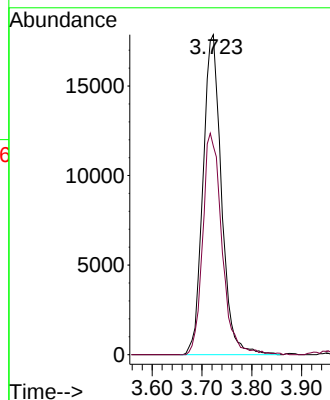
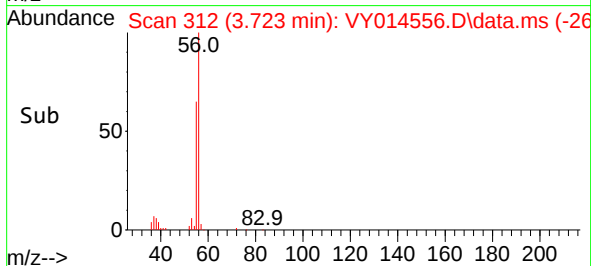
55 72.0 57.0 85.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/06/2023

Supervised By :Mahesh Dadoda 07/06/2023



#14

Allyl chloride

Concen: 20.423 ug/l

RT: 4.466 min Scan# 434

Delta R.T. -0.018 min

Lab File: VY014556.D

Acq: 05 Jul 2023 14:20

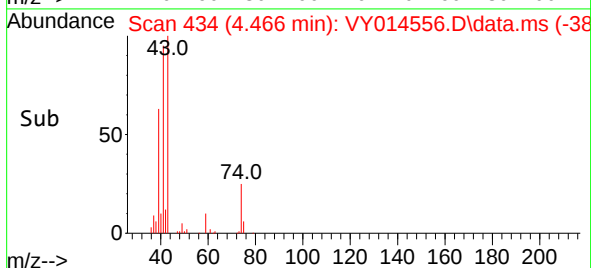
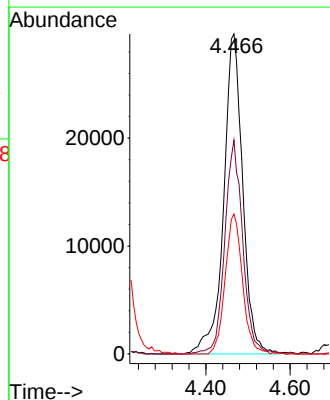
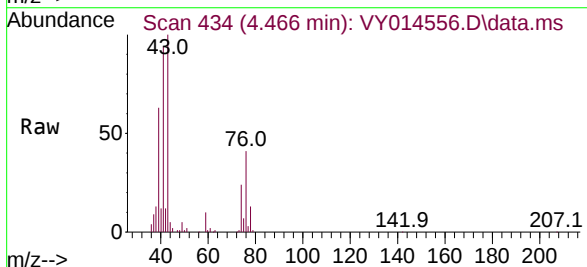
Tgt Ion: 41 Resp: 92925

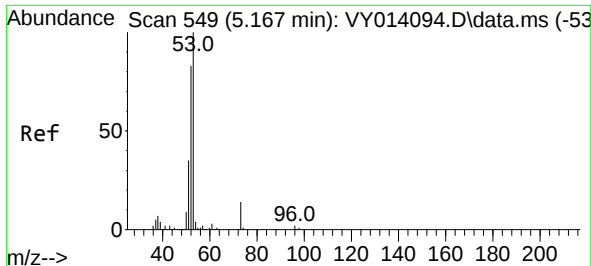
Ion Ratio Lower Upper

41 100

39 62.9 58.0 87.0

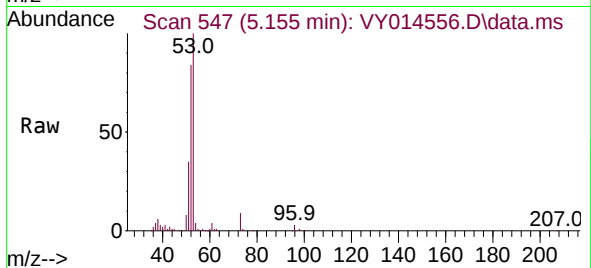
76 39.7 27.4 41.2





#15
Acrylonitrile
Concen: 99.853 ug/l
RT: 5.155 min Scan# 549
Delta R.T. -0.012 min
Lab File: VY014556.D
Acq: 05 Jul 2023 14:20

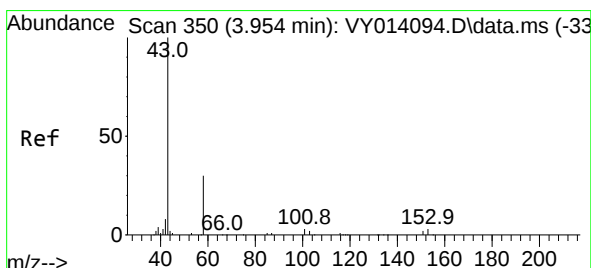
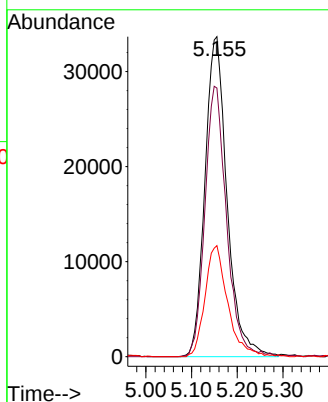
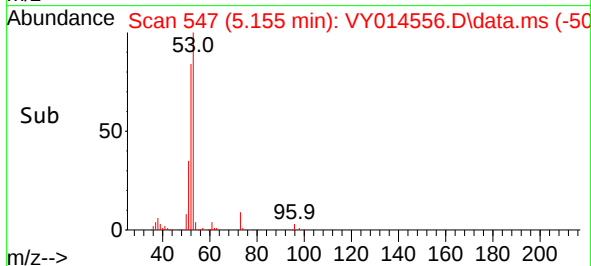
Instrument :
MSVOA_Y
ClientSampleId :
VY0703SBS01



Tgt Ion: 53 Resp: 113258
Ion Ratio Lower Upper
53 100
52 82.4 66.9 100.3
51 35.5 29.8 44.6

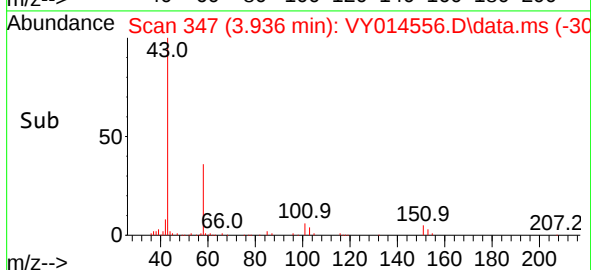
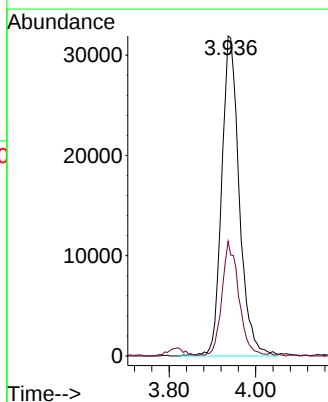
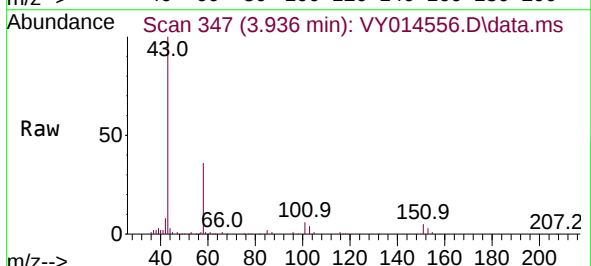
Manual Integrations
APPROVED

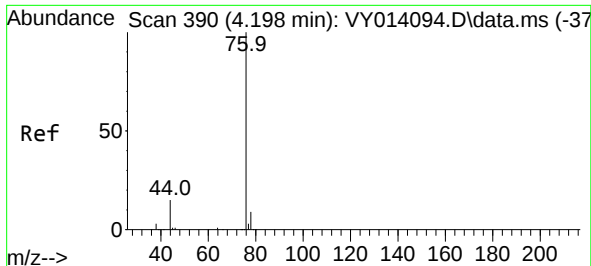
Reviewed By :John Carlone 07/06/2023
Supervised By :Mahesh Dadoda 07/06/2023



#16
Acetone
Concen: 90.405 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.018 min
Lab File: VY014556.D
Acq: 05 Jul 2023 14:20

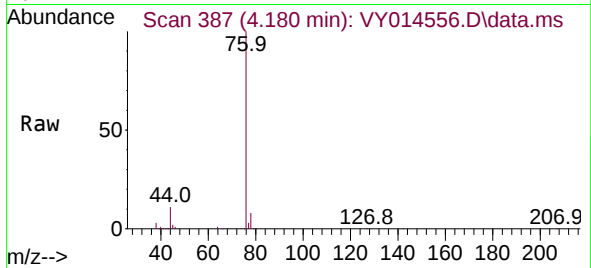
Tgt Ion: 43 Resp: 90393
Ion Ratio Lower Upper
43 100
58 35.4 22.7 34.1#





#17
Carbon Disulfide
Concen: 21.944 ug/l
RT: 4.180 min Scan# 31
Delta R.T. -0.018 min
Lab File: VY014556.D
Acq: 05 Jul 2023 14:20

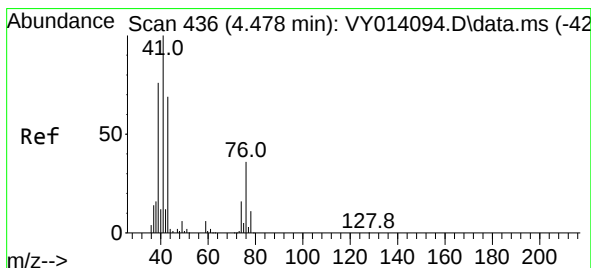
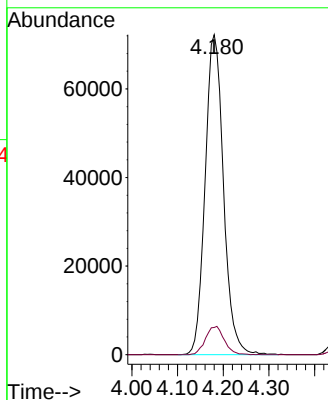
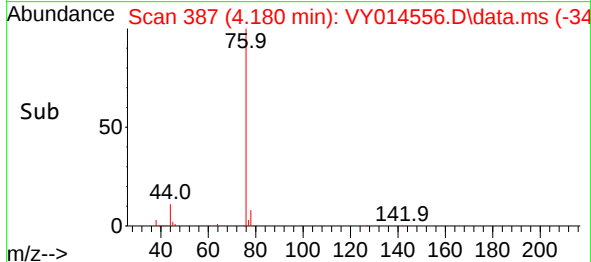
Instrument :
MSVOA_Y
ClientSampleId :
VY0703SBSD01



Tgt Ion: 76 Resp: 201875
Ion Ratio Lower Upper
76 100
78 8.5 7.0 10.4

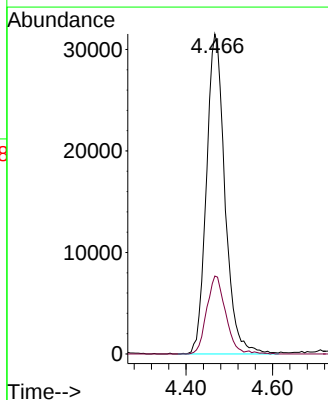
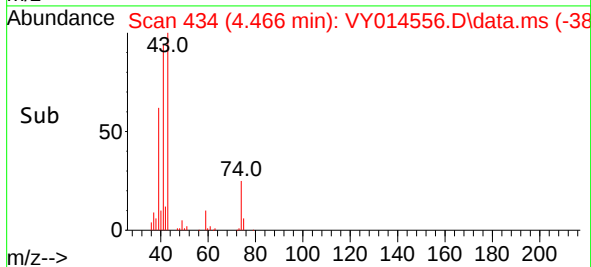
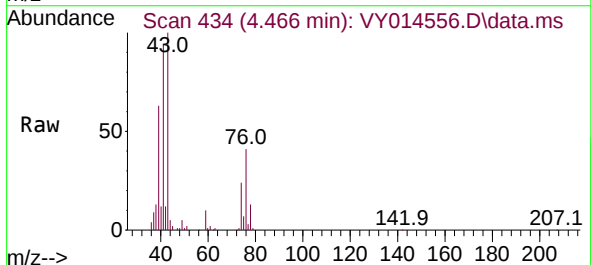
Manual Integrations
APPROVED

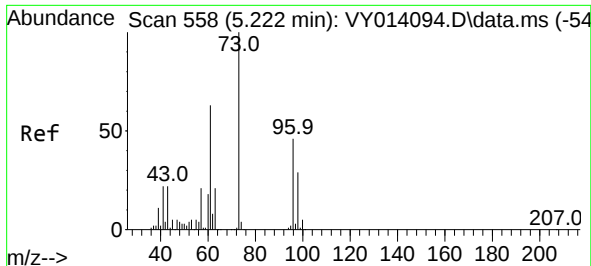
Reviewed By :John Carlone 07/06/2023
Supervised By :Mahesh Dadoda 07/06/2023



#18
Methyl Acetate
Concen: 20.588 ug/l
RT: 4.466 min Scan# 434
Delta R.T. -0.012 min
Lab File: VY014556.D
Acq: 05 Jul 2023 14:20

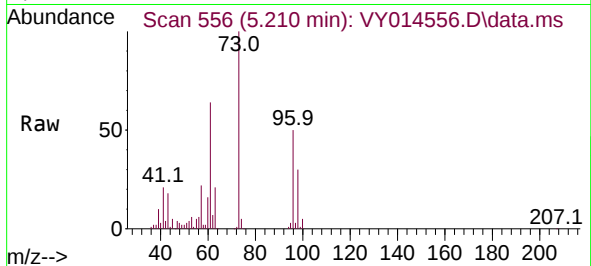
Tgt Ion: 43 Resp: 93708
Ion Ratio Lower Upper
43 100
74 25.0 17.4 26.0





#19
Methyl tert-butyl Ether
Concen: 20.022 ug/l
RT: 5.210 min Scan# 51
Delta R.T. -0.012 min
Lab File: VY014556.D
Acq: 05 Jul 2023 14:20

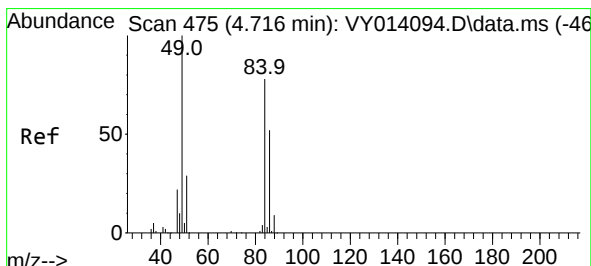
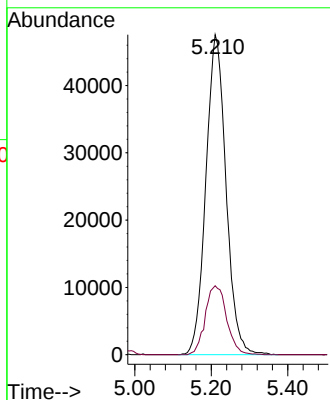
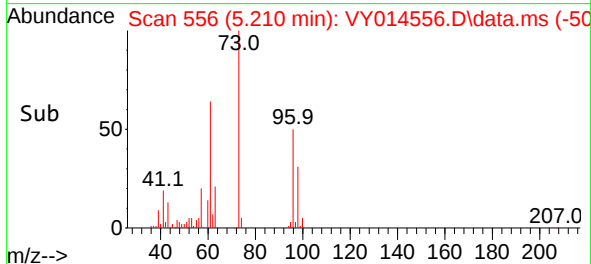
Instrument :
MSVOA_Y
ClientSampleId :
VY0703SBSD01



Tgt Ion: 73 Resp: 173714
Ion Ratio Lower Upper
73 100
57 21.5 17.3 25.9

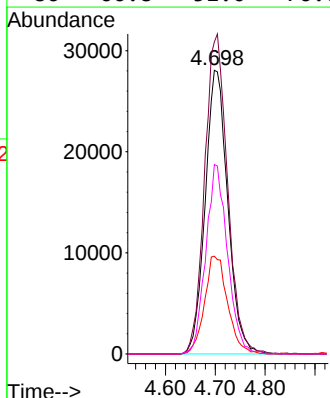
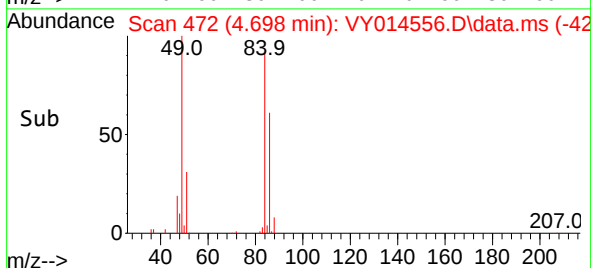
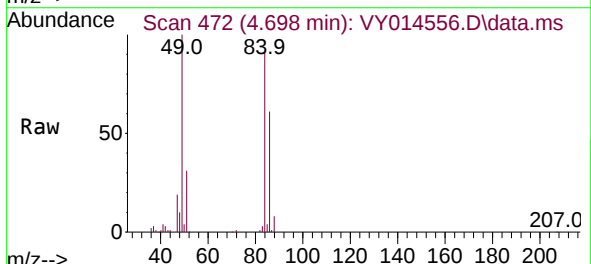
Manual Integrations
APPROVED

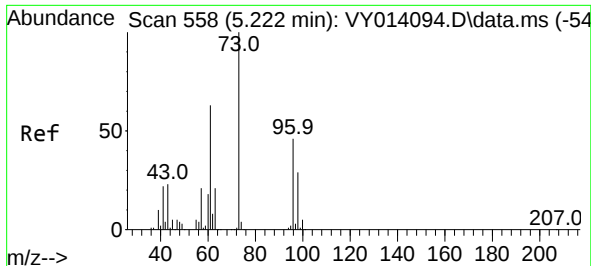
Reviewed By :John Carlone 07/06/2023
Supervised By :Mahesh Dadoda 07/06/2023



#20
Methylene Chloride
Concen: 21.518 ug/l
RT: 4.698 min Scan# 472
Delta R.T. -0.018 min
Lab File: VY014556.D
Acq: 05 Jul 2023 14:20

Tgt Ion: 84 Resp: 88331
Ion Ratio Lower Upper
84 100
49 110.0 106.9 160.3
51 34.5 33.2 49.8
86 66.8 51.0 76.6





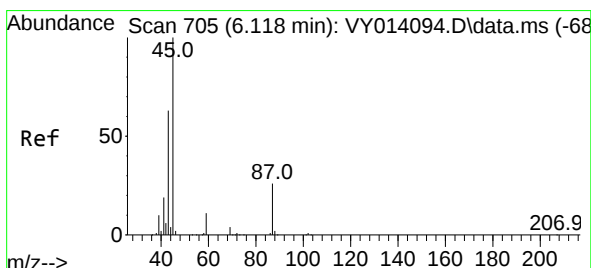
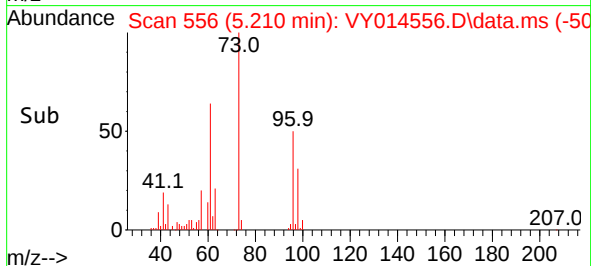
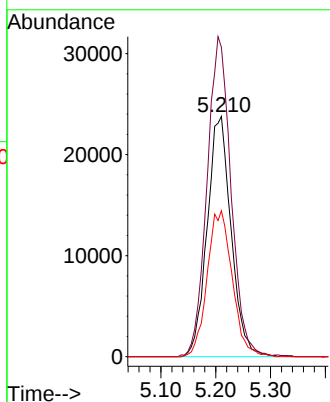
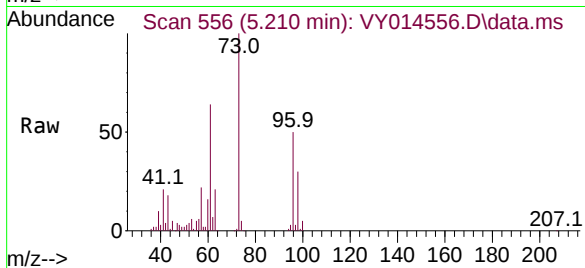
#21
trans-1,2-Dichloroethene
Concen: 21.139 ug/l
RT: 5.210 min Scan# 51
Delta R.T. -0.012 min
Lab File: VY014556.D
Acq: 05 Jul 2023 14:20

Instrument :
MSVOA_Y
ClientSampleId :
VY0703SBSD01

Tgt Ion: 96 Resp: 7223
Ion Ratio Lower Upper
96 100
61 128.8 110.2 165.4
98 60.7 51.8 77.6

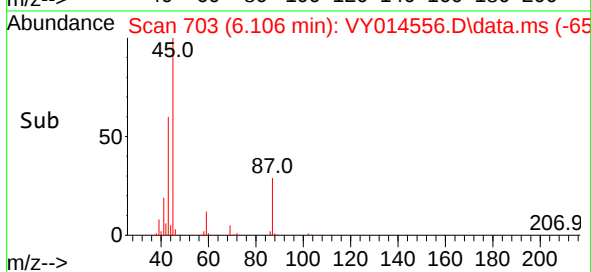
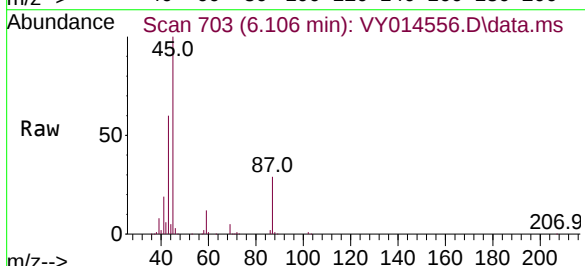
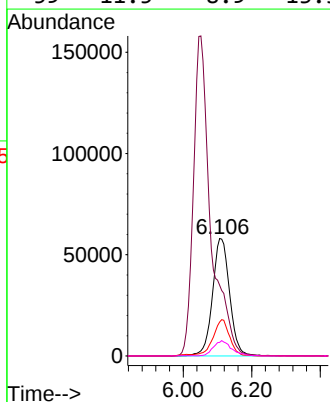
Manual Integrations
APPROVED

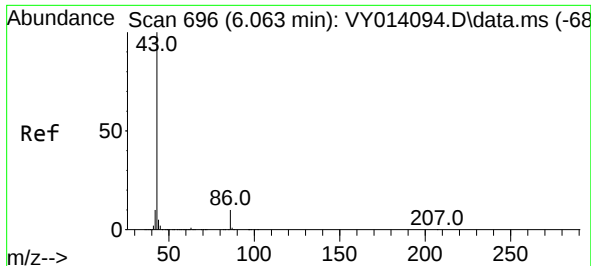
Reviewed By :John Carlone 07/06/2023
Supervised By :Mahesh Dadoda 07/06/2023



#22
Diisopropyl ether
Concen: 21.419 ug/l
RT: 6.106 min Scan# 703
Delta R.T. -0.012 min
Lab File: VY014556.D
Acq: 05 Jul 2023 14:20

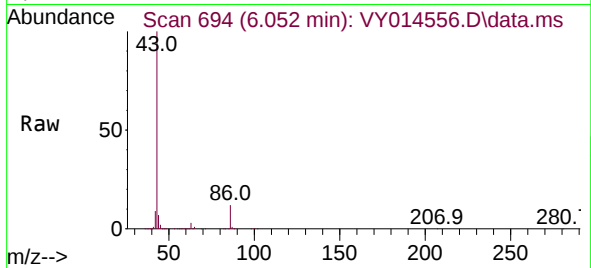
Tgt Ion: 45 Resp: 200816
Ion Ratio Lower Upper
45 100
43 59.8 52.2 78.4
87 28.9 21.0 31.6
59 11.5 8.9 13.3





#23
 Vinyl Acetate
 Concen: 102.785 ug/l
 RT: 6.052 min Scan# 694
 Delta R.T. -0.011 min
 Lab File: VY014556.D
 Acq: 05 Jul 2023 14:20

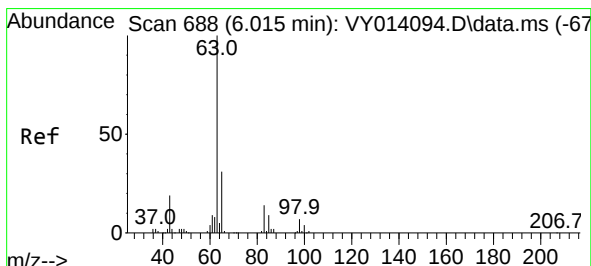
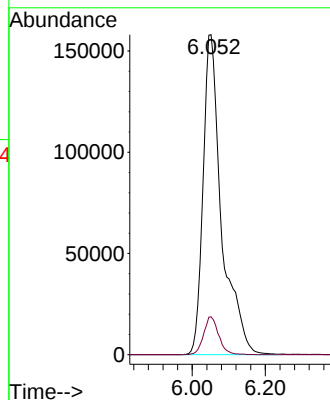
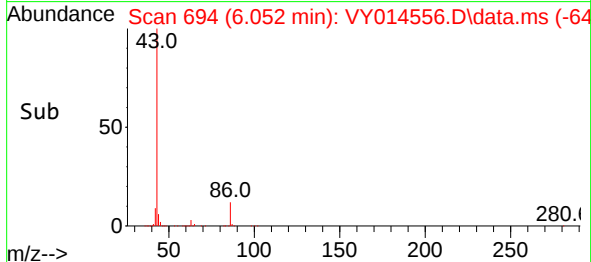
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0703SBS01



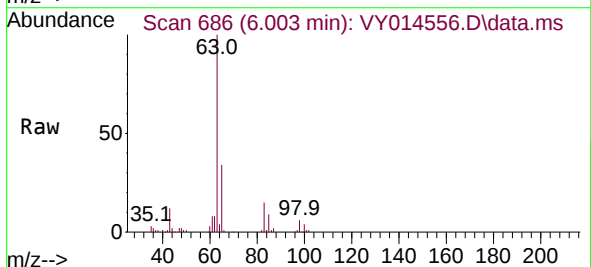
Tgt Ion: 43 Resp: 55754
 Ion Ratio Lower Upper
 43 100
 86 11.9 7.5 11.3

Manual Integrations
 APPROVED

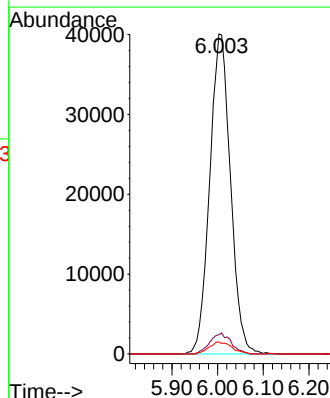
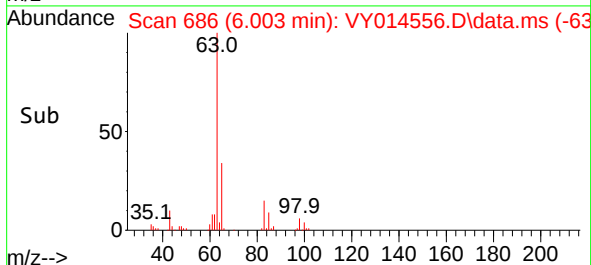
Reviewed By :John Carlone 07/06/2023
 Supervised By :Mahesh Dadoda 07/06/2023



#24
 1,1-Dichloroethane
 Concen: 21.454 ug/l
 RT: 6.003 min Scan# 686
 Delta R.T. -0.012 min
 Lab File: VY014556.D
 Acq: 05 Jul 2023 14:20



Tgt Ion: 63 Resp: 126277
 Ion Ratio Lower Upper
 63 100
 98 6.0 3.1 9.4
 100 3.7 1.8 5.5





#25

2-Butanone

Concen: 96.660 ug/l

RT: 6.978 min Scan# 84

Delta R.T. -0.012 min

Lab File: VY014556.D

Acq: 05 Jul 2023 14:20

Instrument :

MSVOA_Y

ClientSampleId :

VY0703SBSD01

Tgt Ion: 43 Resp: 14310

Ion Ratio Lower Upper

43 100

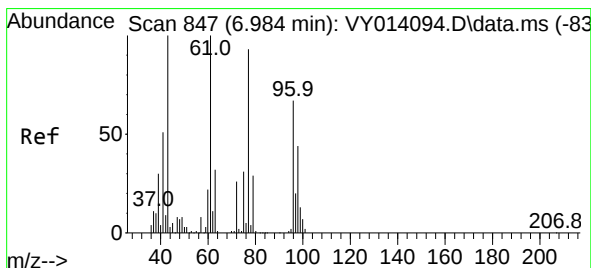
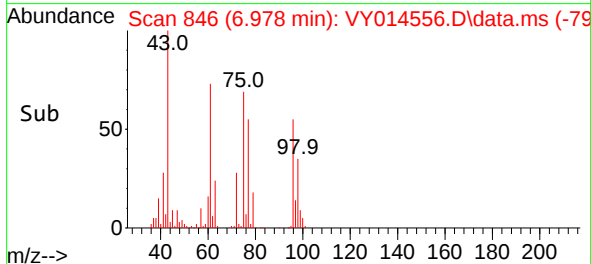
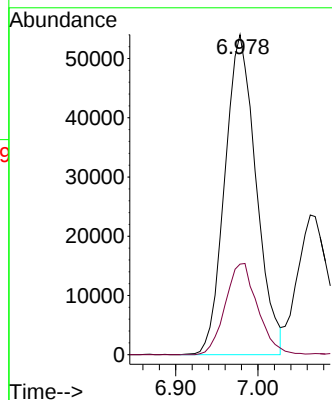
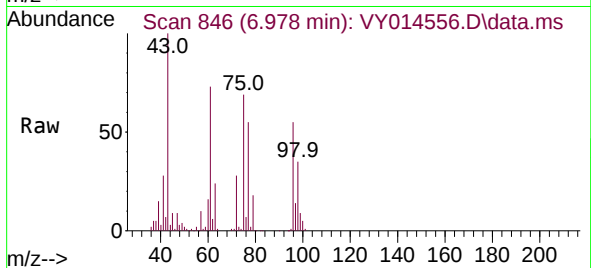
72 28.3 20.5 30.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/06/2023

Supervised By :Mahesh Dadoda 07/06/2023



#26

2,2-Dichloropropane

Concen: 19.072 ug/l

RT: 6.972 min Scan# 845

Delta R.T. -0.012 min

Lab File: VY014556.D

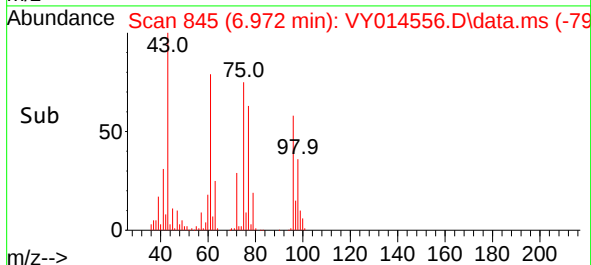
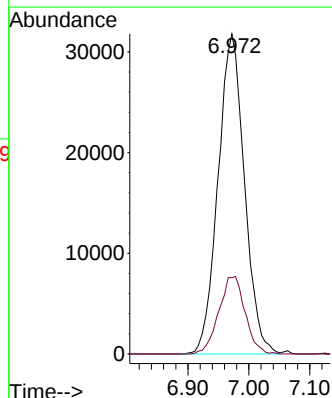
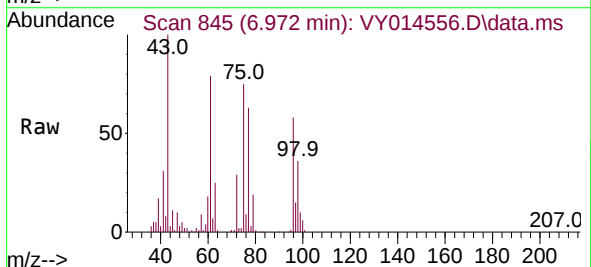
Acq: 05 Jul 2023 14:20

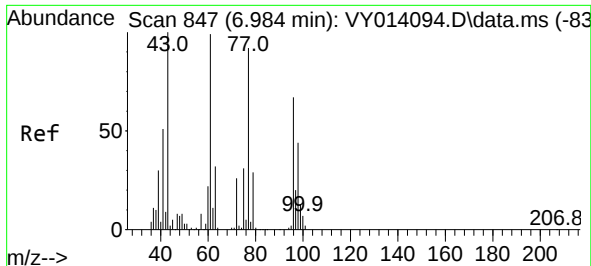
Tgt Ion: 77 Resp: 95679

Ion Ratio Lower Upper

77 100

97 24.0 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 20.513 ug/l

RT: 6.978 min Scan# 847

Delta R.T. -0.006 min

Lab File: VY014556.D

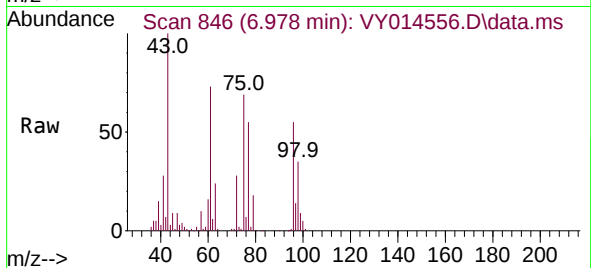
Acq: 05 Jul 2023 14:20

Instrument :

MSVOA_Y

ClientSampleId :

VY0703SBS01



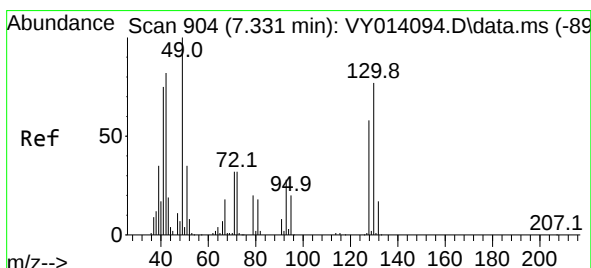
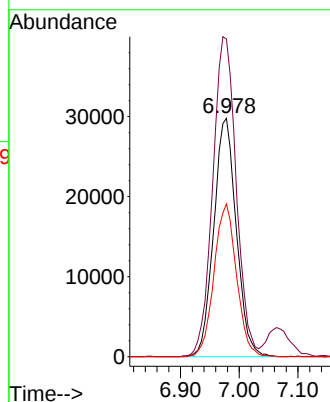
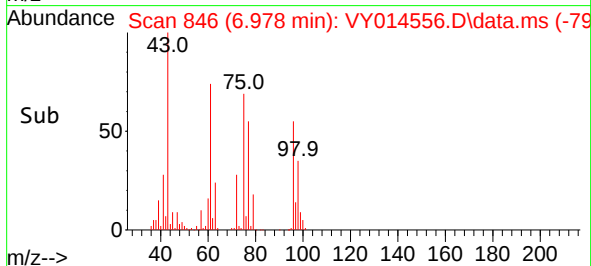
Tgt Ion:	96	Resp:	7951
Ion	Ratio	Lower	Upper
96	100		
61	139.8	0.0	301.4
98	63.8	0.0	130.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/06/2023

Supervised By :Mahesh Dadoda 07/06/2023



#28

Bromochloromethane

Concen: 23.975 ug/l

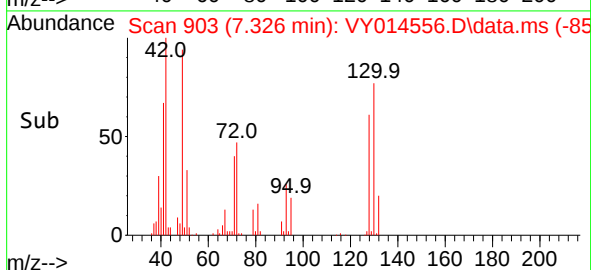
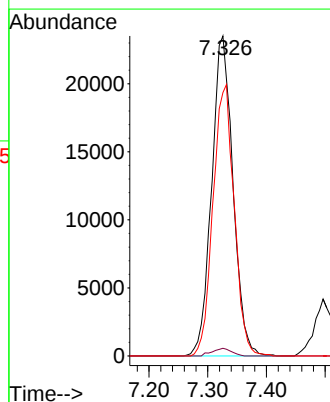
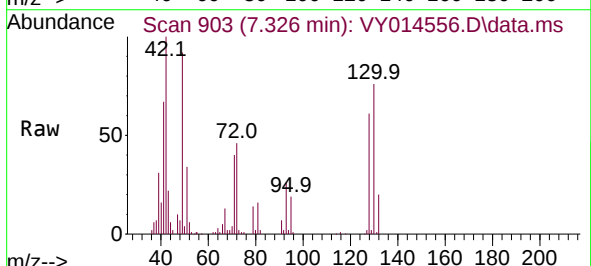
RT: 7.326 min Scan# 903

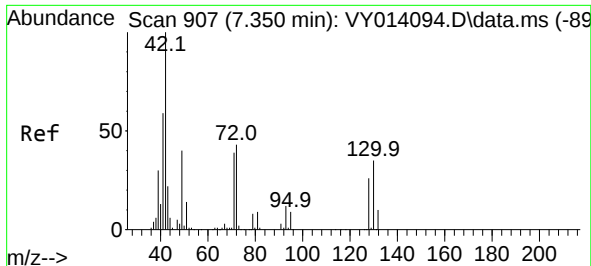
Delta R.T. -0.005 min

Lab File: VY014556.D

Acq: 05 Jul 2023 14:20

Tgt Ion:	49	Resp:	59253
Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	4.6
130	84.1	60.7	91.1





#29

Tetrahydrofuran

Concen: 102.906 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.006 min

Lab File: VY014556.D

Acq: 05 Jul 2023 14:20

Instrument :

MSVOA_Y

ClientSampleId :

VY0703SBS01

Tgt Ion: 42 Resp: 98270

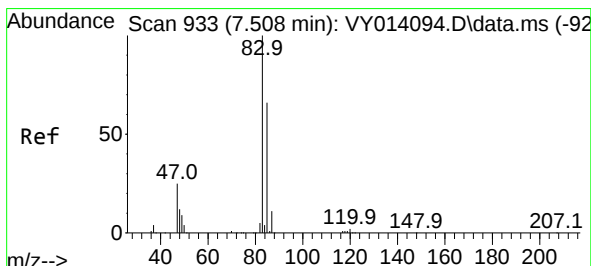
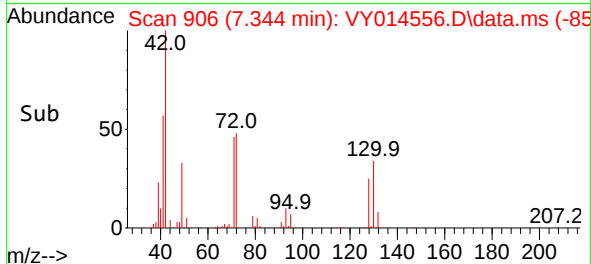
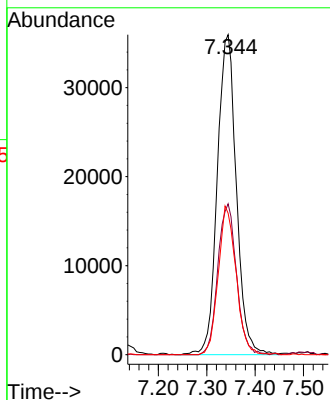
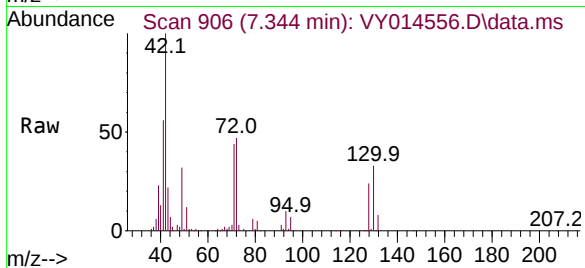
Ion	Ratio	Lower	Upper
42	100		
72	46.2	32.8	49.2
71	43.5	31.0	46.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/06/2023

Supervised By :Mahesh Dadoda 07/06/2023



#30

Chloroform

Concen: 21.059 ug/l

RT: 7.496 min Scan# 931

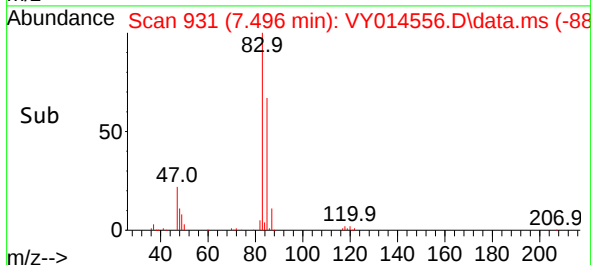
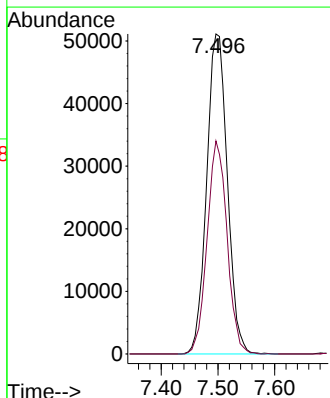
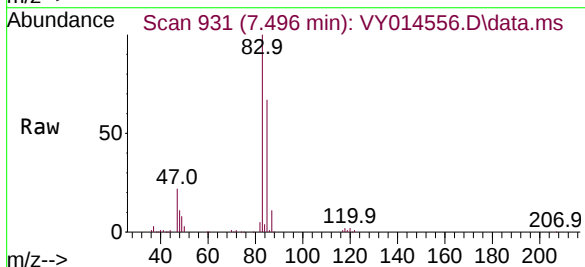
Delta R.T. -0.012 min

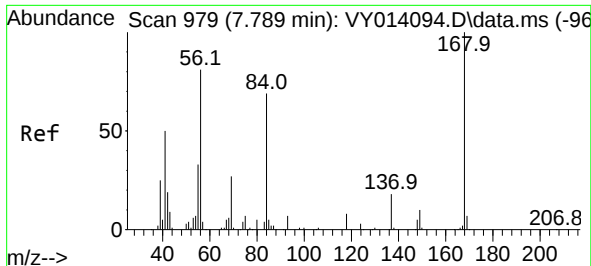
Lab File: VY014556.D

Acq: 05 Jul 2023 14:20

Tgt Ion: 83 Resp: 129301

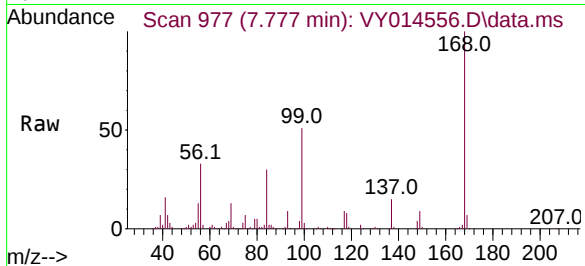
Ion	Ratio	Lower	Upper
83	100		
85	66.6	49.7	74.5





#31
Cyclohexane
Concen: 21.540 ug/l
RT: 7.777 min Scan# 911
Delta R.T. -0.012 min
Lab File: VY014556.D
Acq: 05 Jul 2023 14:20

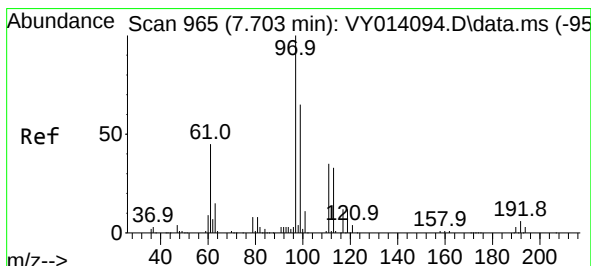
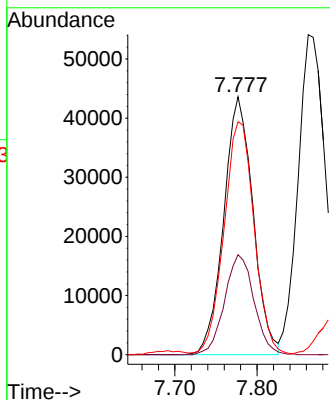
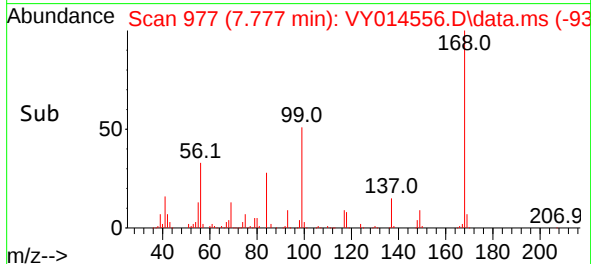
Instrument :
MSVOA_Y
ClientSampleId :
VY0703SBSD01



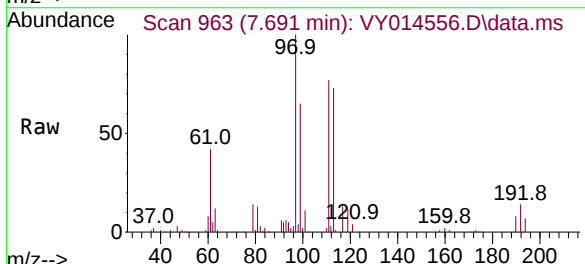
Tgt Ion: 56 Resp: 108190
Ion Ratio Lower Upper
56 100
69 38.5 27.8 41.6
84 89.0 66.4 99.6

Manual Integrations
APPROVED

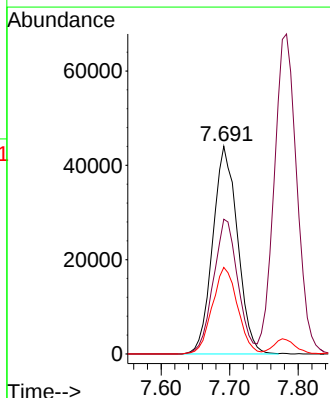
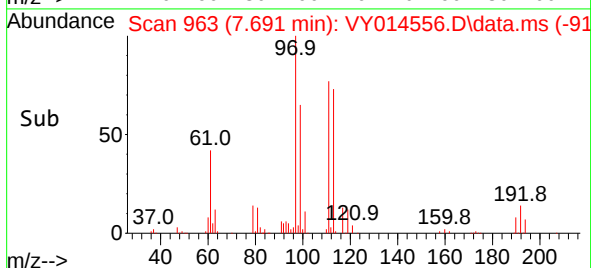
Reviewed By :John Carlone 07/06/2023
Supervised By :Mahesh Dadoda 07/06/2023

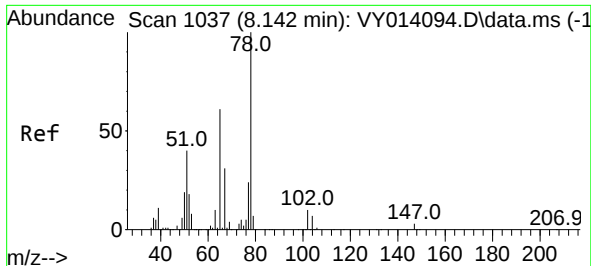


#32
1,1,1-Trichloroethane
Concen: 21.069 ug/l
RT: 7.691 min Scan# 963
Delta R.T. -0.012 min
Lab File: VY014556.D
Acq: 05 Jul 2023 14:20



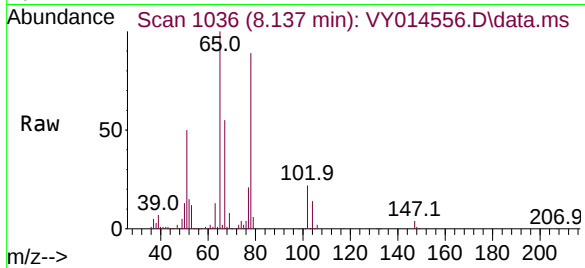
Tgt Ion: 97 Resp: 110570
Ion Ratio Lower Upper
97 100
99 64.5 50.8 76.2
61 42.5 35.1 52.7





#33
 1,2-Dichloroethane-d4
 Concen: 51.855 ug/l
 RT: 8.137 min Scan# 1036
 Delta R.T. -0.005 min
 Lab File: VY014556.D
 Acq: 05 Jul 2023 14:20

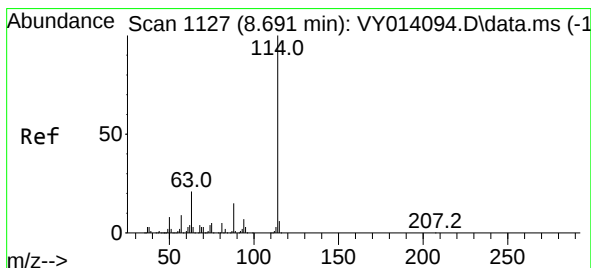
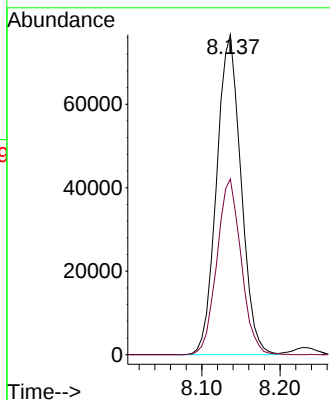
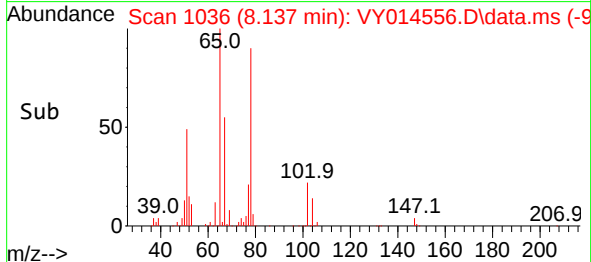
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0703SBSD01



Tgt Ion: 65 Resp: 166020
 Ion Ratio Lower Upper
 65 100
 67 54.5 0.0 101.8

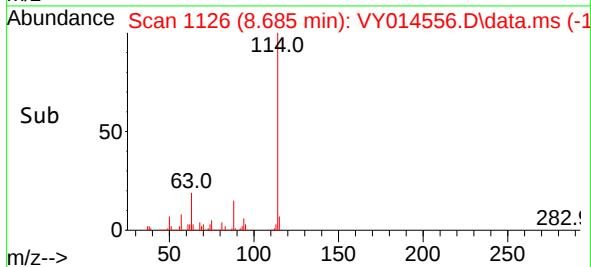
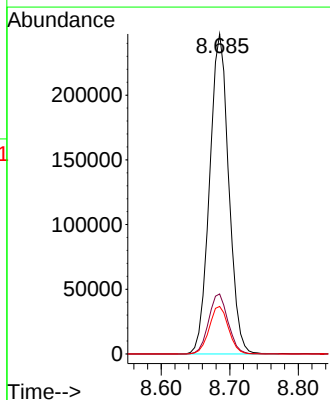
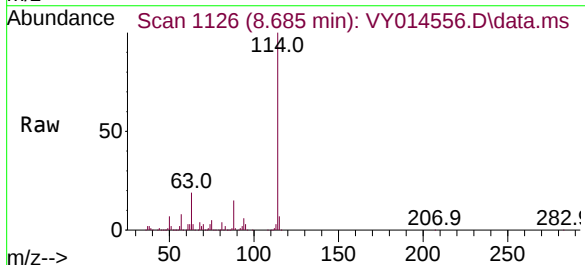
Manual Integrations
 APPROVED

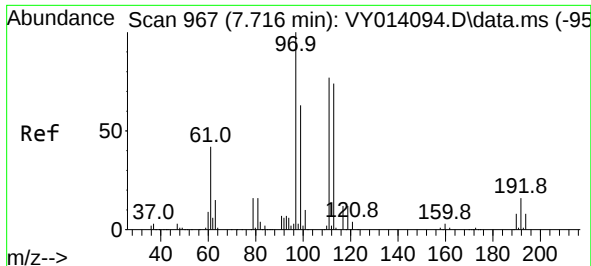
Reviewed By :John Carlone 07/06/2023
 Supervised By :Mahesh Dadoda 07/06/2023



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. -0.006 min
 Lab File: VY014556.D
 Acq: 05 Jul 2023 14:20

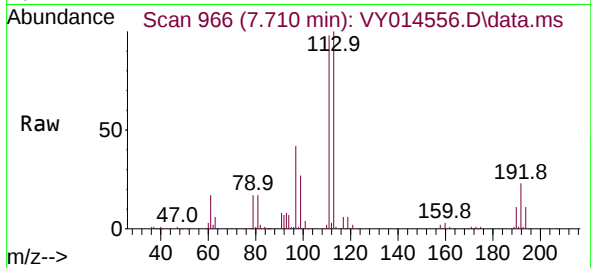
Tgt Ion:114 Resp: 479499
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 42.4
 88 14.9 0.0 30.6





#35
Dibromofluoromethane
Concen: 52.202 ug/l
RT: 7.710 min Scan# 901
Delta R.T. -0.006 min
Lab File: VY014556.D
Acq: 05 Jul 2023 14:20

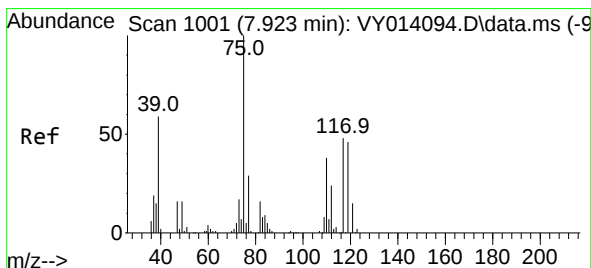
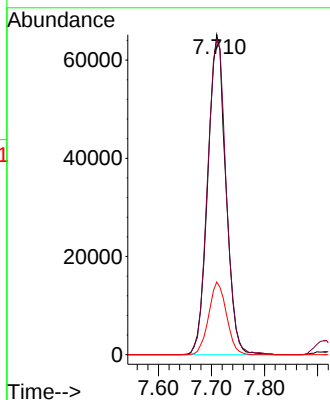
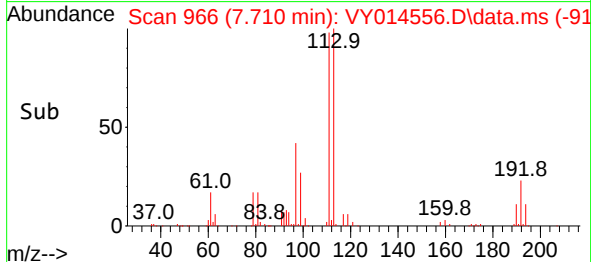
Instrument :
MSVOA_Y
ClientSampleId :
VY0703SBS01



Tgt Ion: 113 Resp: 15414
Ion Ratio Lower Upper
113 100
111 101.6 81.3 121.9
192 22.4 16.9 25.3

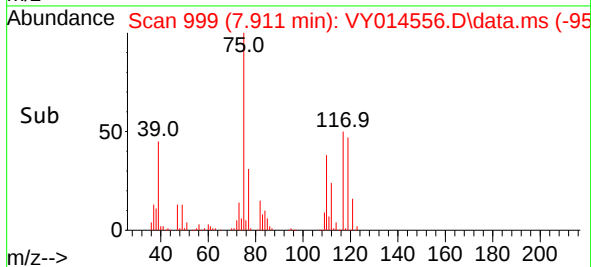
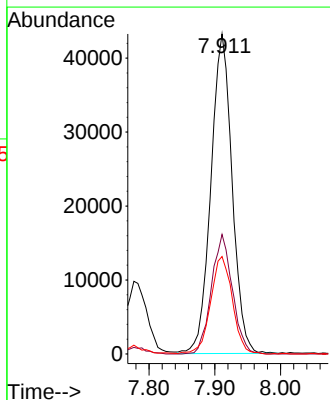
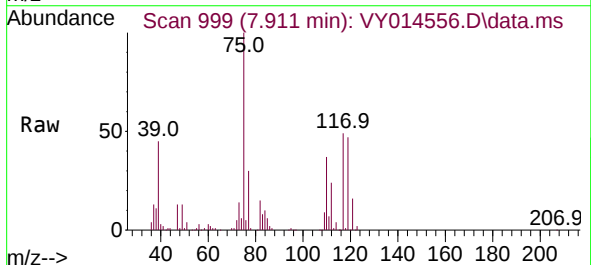
Manual Integrations
APPROVED

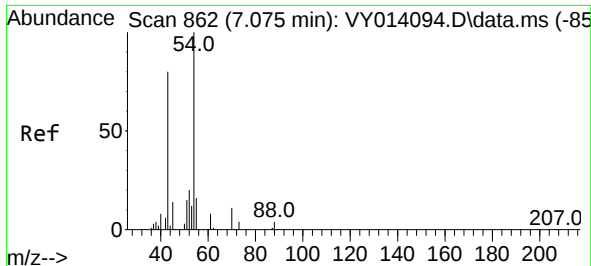
Reviewed By :John Carlone 07/06/2023
Supervised By :Mahesh Dadoda 07/06/2023



#36
1,1-Dichloropropene
Concen: 21.465 ug/l
RT: 7.911 min Scan# 999
Delta R.T. -0.012 min
Lab File: VY014556.D
Acq: 05 Jul 2023 14:20

Tgt Ion: 75 Resp: 97061
Ion Ratio Lower Upper
75 100
110 37.0 17.8 53.5
77 31.3 24.4 36.6





#37

Ethyl Acetate

Concen: 20.789 ug/l

RT: 7.064 min Scan# 80

Delta R.T. -0.011 min

Lab File: VY014556.D

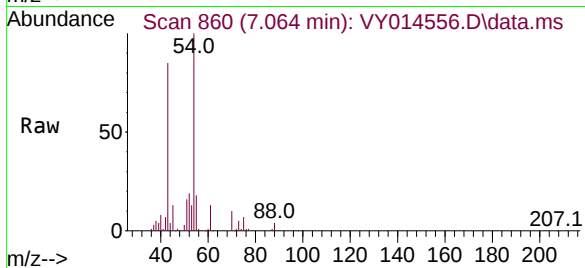
Acq: 05 Jul 2023 14:20

Instrument :

MSVOA_Y

ClientSampleId :

VY0703SBSD01



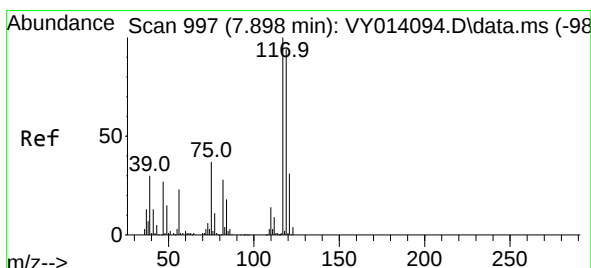
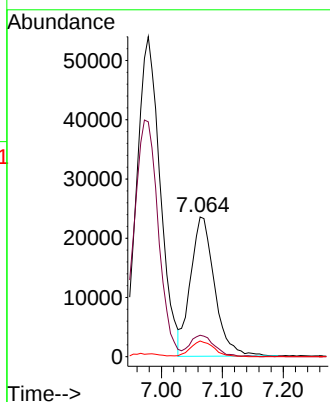
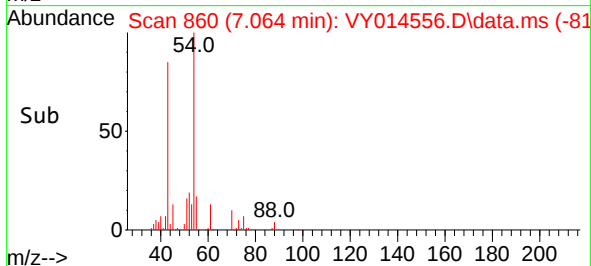
Tgt Ion:	43	Resp:	64470
Ion	Ratio	Lower	Upper
43	100		
61	15.2	10.1	15.1
70	11.0	7.1	10.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/06/2023

Supervised By :Mahesh Dadoda 07/06/2023



#38

Carbon Tetrachloride

Concen: 21.268 ug/l

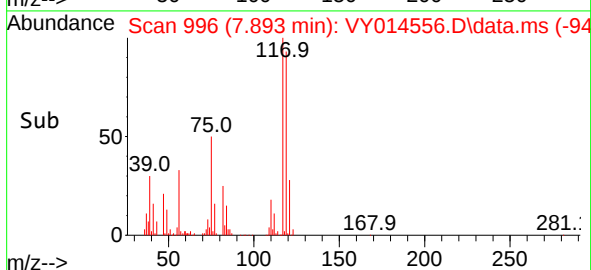
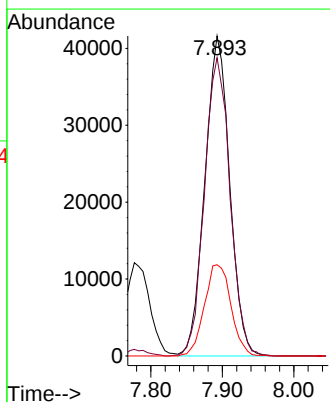
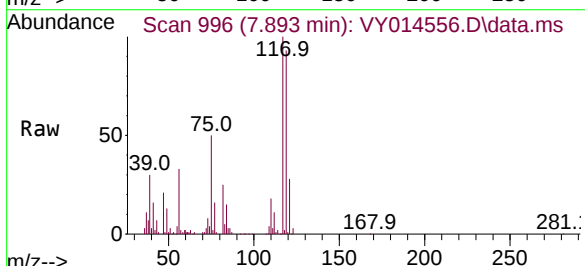
RT: 7.893 min Scan# 996

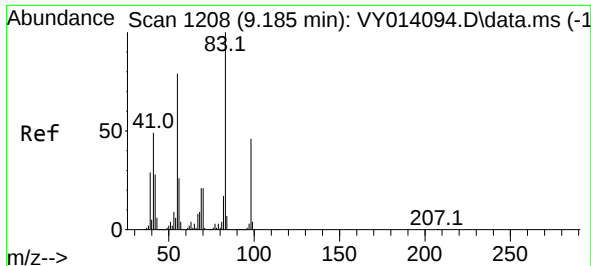
Delta R.T. -0.005 min

Lab File: VY014556.D

Acq: 05 Jul 2023 14:20

Tgt Ion:	117	Resp:	100395
Ion	Ratio	Lower	Upper
117	100		
119	93.2	76.4	114.6
121	28.5	25.8	38.6





#39

Methylcyclohexane

Concen: 21.215 ug/l

RT: 9.179 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY014556.D

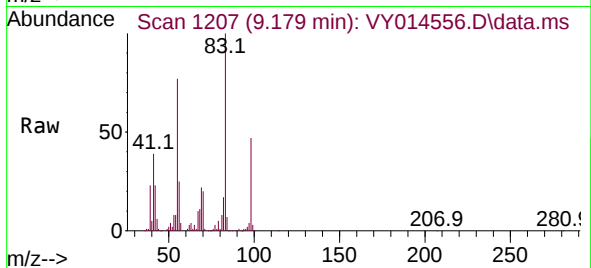
Acq: 05 Jul 2023 14:20

Instrument :

MSVOA_Y

ClientSampleId :

VY0703SBSD01



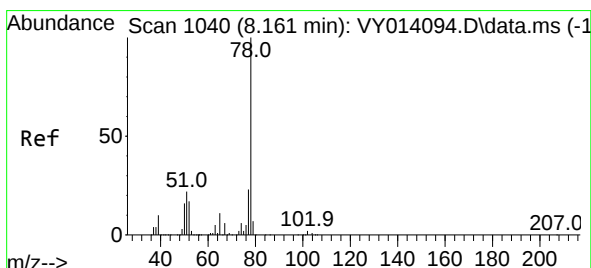
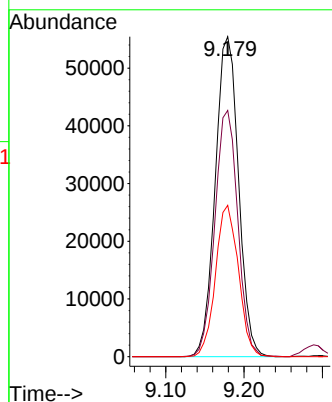
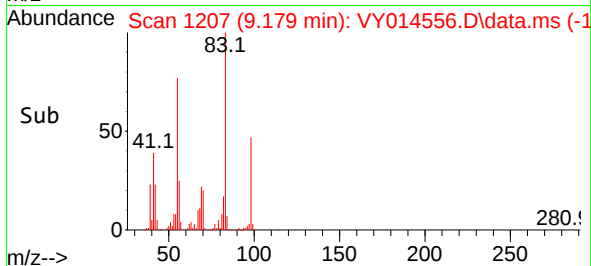
Tgt Ion:	83	Resp:	11466
Ion Ratio	Lower	Upper	
83	100		
55	77.0	63.0	94.4
98	47.3	37.4	56.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/06/2023

Supervised By :Mahesh Dadoda 07/06/2023



#40

Benzene

Concen: 20.893 ug/l

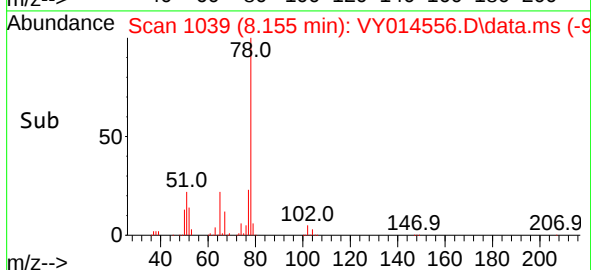
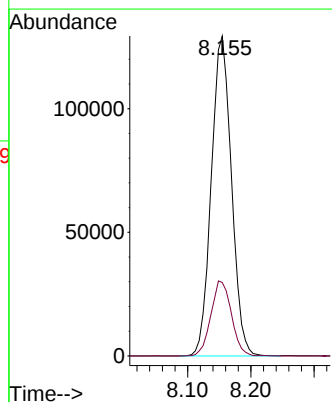
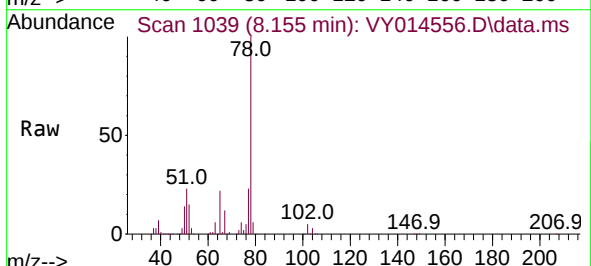
RT: 8.155 min Scan# 1039

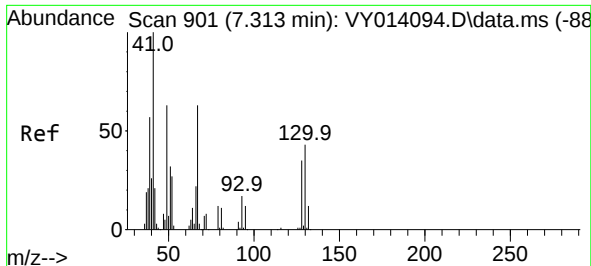
Delta R.T. -0.006 min

Lab File: VY014556.D

Acq: 05 Jul 2023 14:20

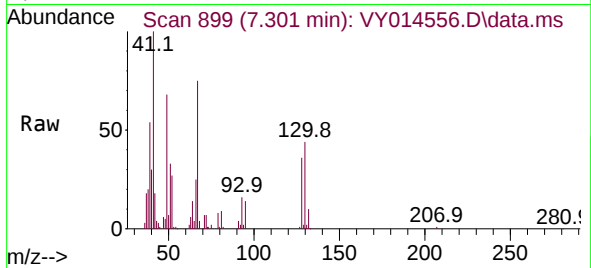
Tgt Ion:	78	Resp:	285981
Ion Ratio	Lower	Upper	
78	100		
77	22.9	19.0	28.6





#41
Methacrylonitrile
Concen: 20.350 ug/l m
RT: 7.301 min Scan# 899
Delta R.T. -0.012 min
Lab File: VY014556.D
Acq: 05 Jul 2023 14:20

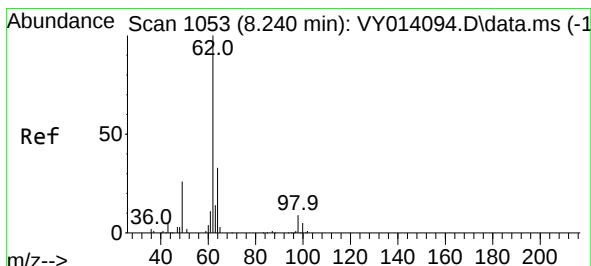
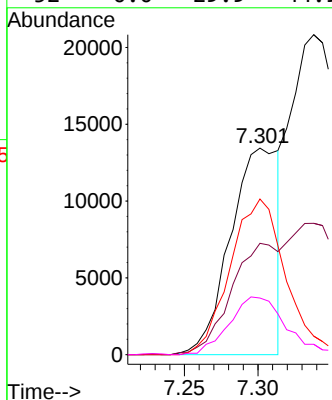
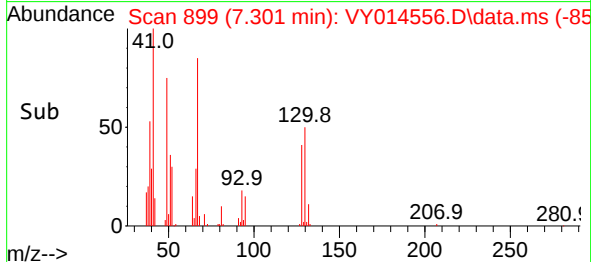
Instrument :
MSVOA_Y
ClientSampleId :
VY0703SBSD01



Tgt Ion: 41 Resp: 30830
Ion Ratio Lower Upper
41 100
39 131.5 52.1 78.1
67 0.0 66.2 99.2
52 0.0 29.9 44.9

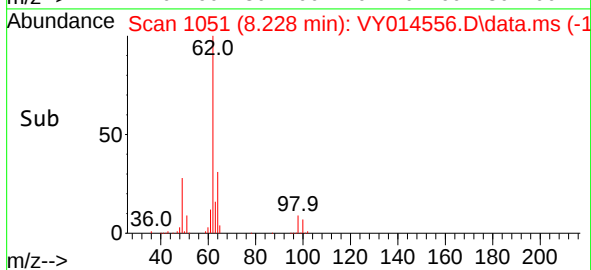
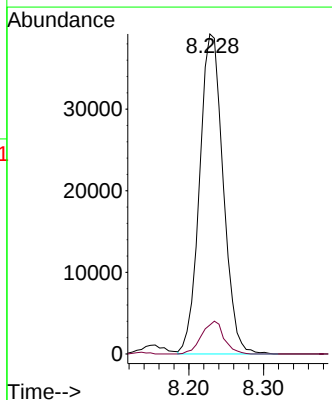
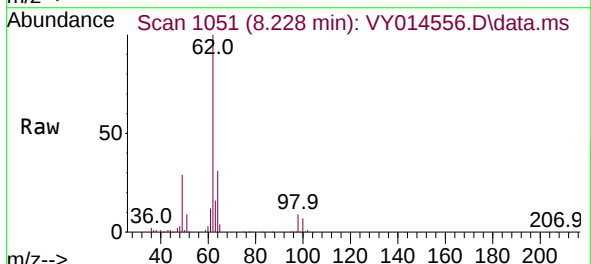
Manual Integrations
APPROVED

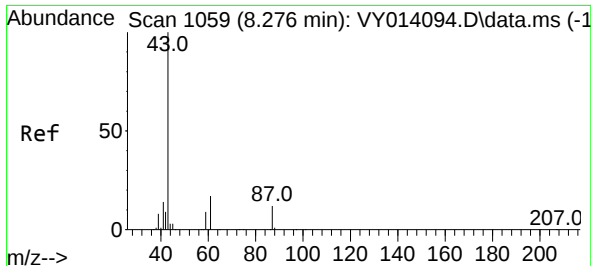
Reviewed By :John Carlone 07/06/2023
Supervised By :Mahesh Dadoda 07/06/2023



#42
1,2-Dichloroethane
Concen: 21.403 ug/l
RT: 8.228 min Scan# 1051
Delta R.T. -0.012 min
Lab File: VY014556.D
Acq: 05 Jul 2023 14:20

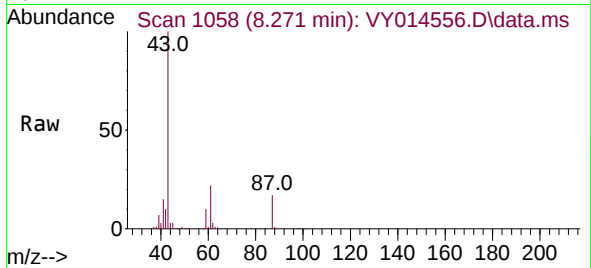
Tgt Ion: 62 Resp: 86108
Ion Ratio Lower Upper
62 100
98 9.7 0.0 15.8





#43
Isopropyl Acetate
Concen: 20.389 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. -0.005 min
Lab File: VY014556.D
Acq: 05 Jul 2023 14:20

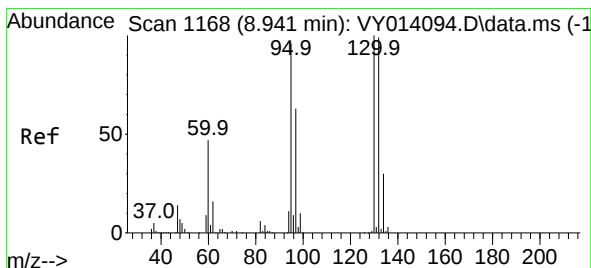
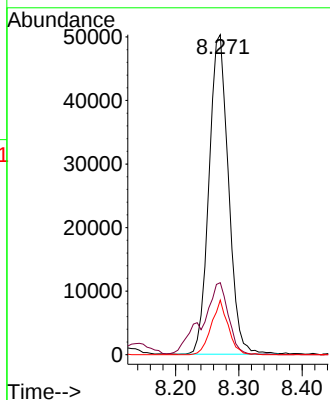
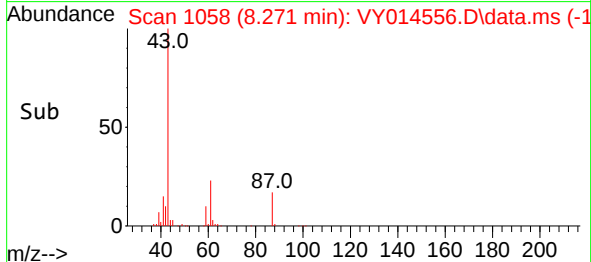
Instrument :
MSVOA_Y
ClientSampleId :
VY0703SBSD01



Tgt Ion: 43 Resp: 107150
Ion Ratio Lower Upper
43 100
61 30.2 21.1 31.7
87 14.9 9.8 14.8

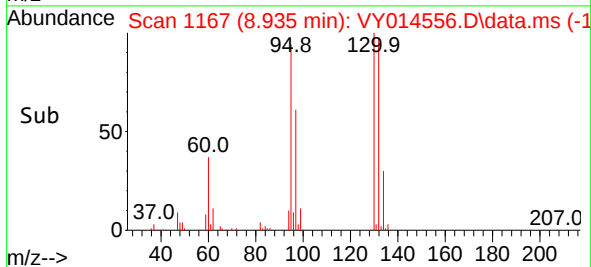
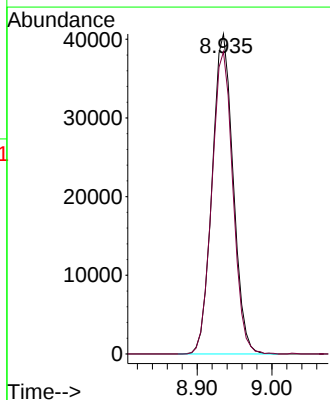
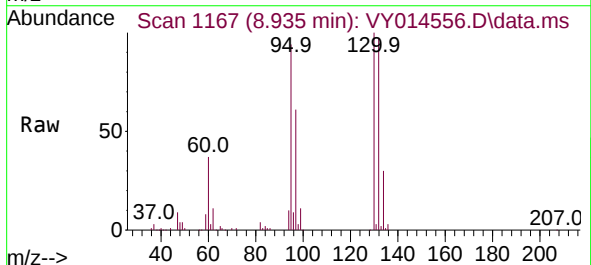
Manual Integrations
APPROVED

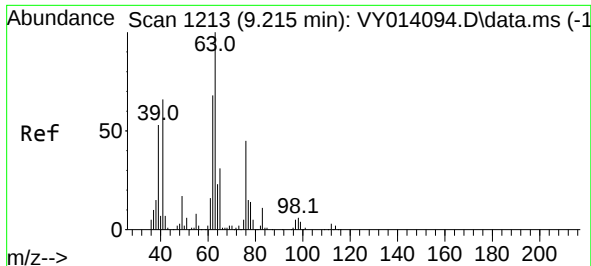
Reviewed By :John Carlone 07/06/2023
Supervised By :Mahesh Dadoda 07/06/2023



#44
Trichloroethene
Concen: 20.792 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. -0.006 min
Lab File: VY014556.D
Acq: 05 Jul 2023 14:20

Tgt Ion:130 Resp: 79341
Ion Ratio Lower Upper
130 100
95 94.5 0.0 196.0





#45

1,2-Dichloropropane

Concen: 21.350 ug/l

RT: 9.210 min Scan# 1212

Delta R.T. -0.005 min

Lab File: VY014556.D

Acq: 05 Jul 2023 14:20

Instrument :

MSVOA_Y

ClientSampleId :

VY0703SBSD01

Tgt Ion: 63 Resp: 74968

Ion Ratio Lower Upper

63 100

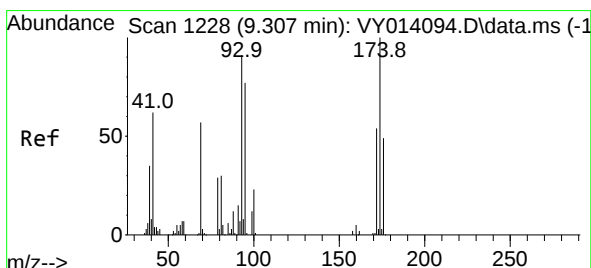
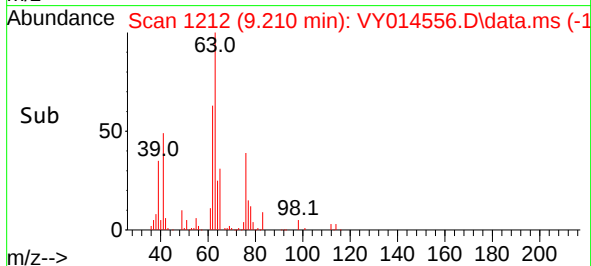
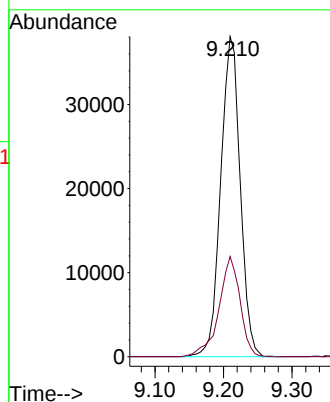
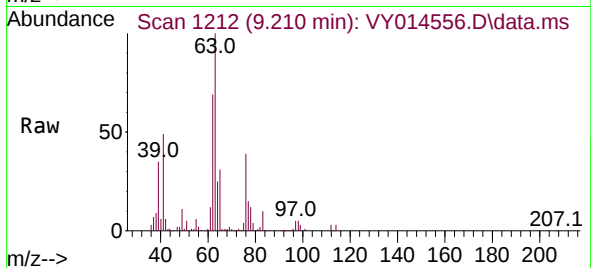
65 31.3 23.8 35.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/06/2023

Supervised By :Mahesh Dadoda 07/06/2023



#46

Dibromomethane

Concen: 21.258 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.006 min

Lab File: VY014556.D

Acq: 05 Jul 2023 14:20

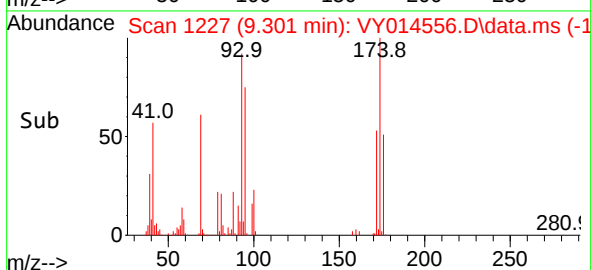
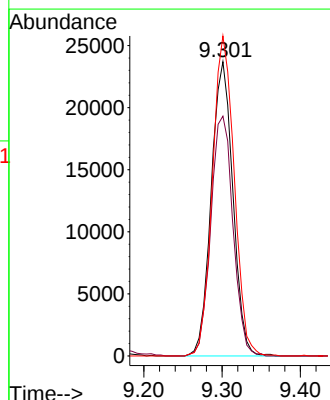
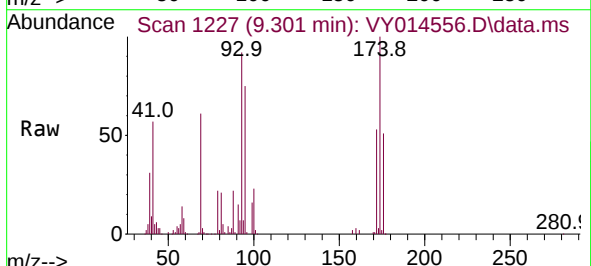
Tgt Ion: 93 Resp: 45444

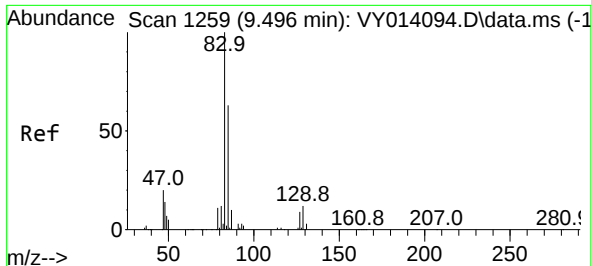
Ion Ratio Lower Upper

93 100

95 83.7 66.6 100.0

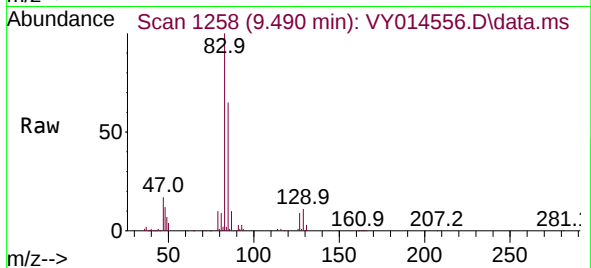
174 109.7 84.8 127.2





#47
Bromodichloromethane
Concen: 20.908 ug/l
RT: 9.490 min Scan# 1258
Delta R.T. -0.006 min
Lab File: VY014556.D
Acq: 05 Jul 2023 14:20

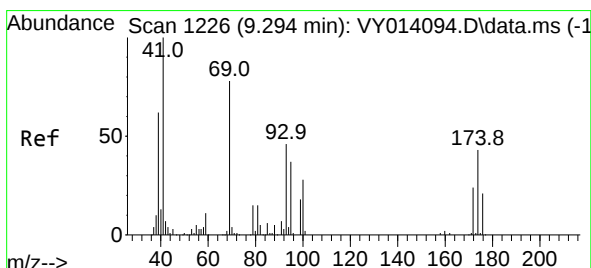
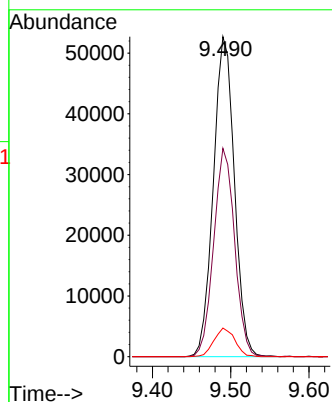
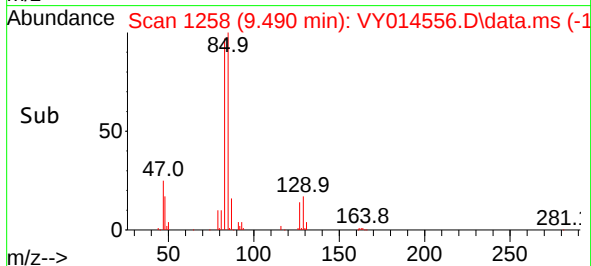
Instrument :
MSVOA_Y
ClientSampleId :
VY0703SBSD01



Tgt Ion: 83 Resp: 98480
Ion Ratio Lower Upper
83 100
85 65.1 50.1 75.1
127 8.9 7.1 10.7

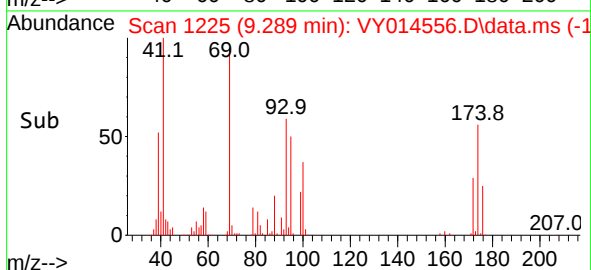
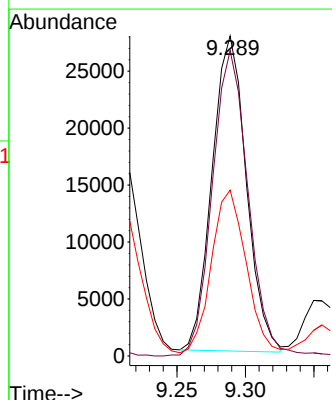
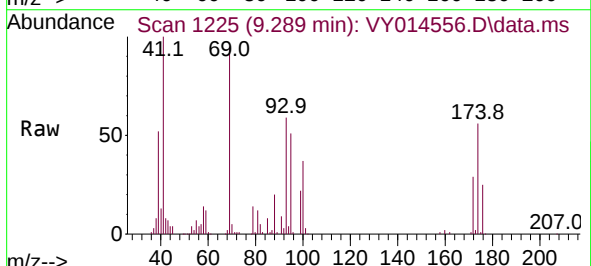
Manual Integrations
APPROVED

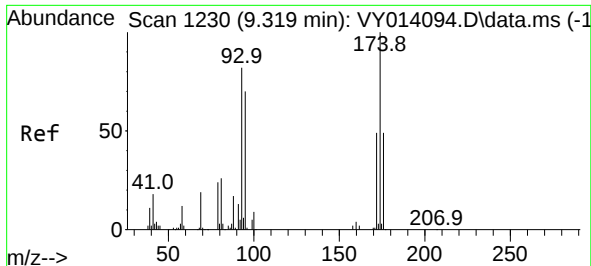
Reviewed By :John Carlone 07/06/2023
Supervised By :Mahesh Dadoda 07/06/2023



#48
Methyl methacrylate
Concen: 20.100 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.005 min
Lab File: VY014556.D
Acq: 05 Jul 2023 14:20

Tgt Ion: 41 Resp: 48036
Ion Ratio Lower Upper
41 100
69 101.7 64.5 96.7#
39 52.5 50.8 76.2





#49

1,4-Dioxane

Concen: 409.767 ug/l

RT: 9.295 min Scan# 11

Delta R.T. -0.024 min

Lab File: VY014556.D

Acq: 05 Jul 2023 14:20

Instrument :

MSVOA_Y

ClientSampleId :

VY0703SBSD01

Tgt Ion: 88 Resp: 1564

Ion Ratio Lower Upper

88 100

43 26.6 0.0 0.0

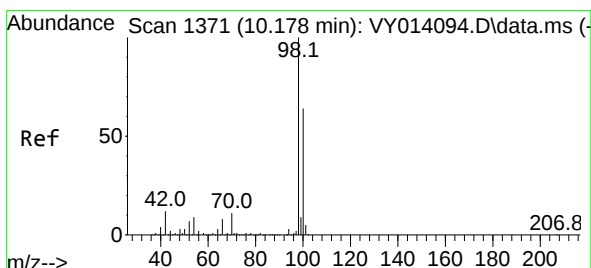
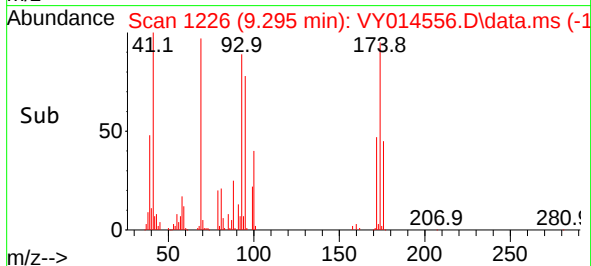
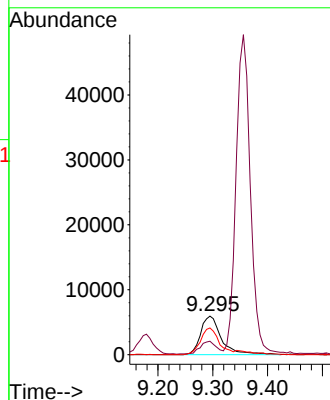
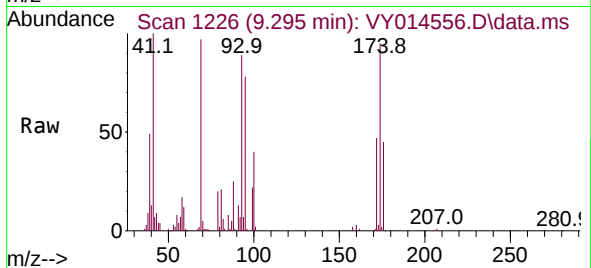
58 61.1 30.9 46.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/06/2023

Supervised By :Mahesh Dadoda 07/06/2023



#50

Toluene-d8

Concen: 51.251 ug/l

RT: 10.173 min Scan# 1370

Delta R.T. -0.005 min

Lab File: VY014556.D

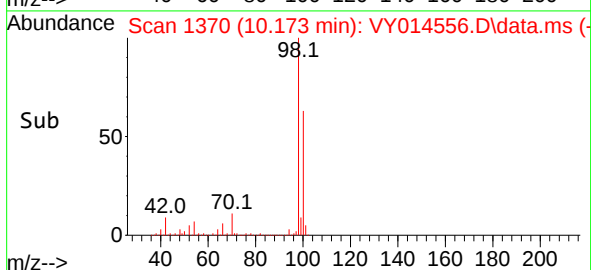
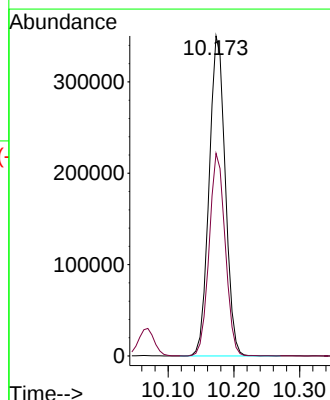
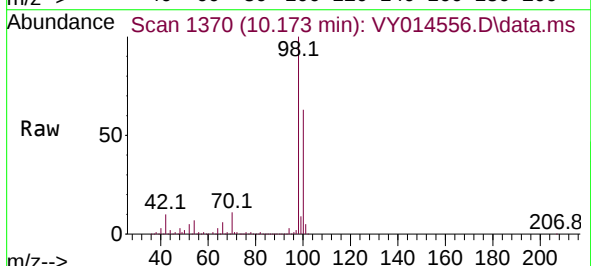
Acq: 05 Jul 2023 14:20

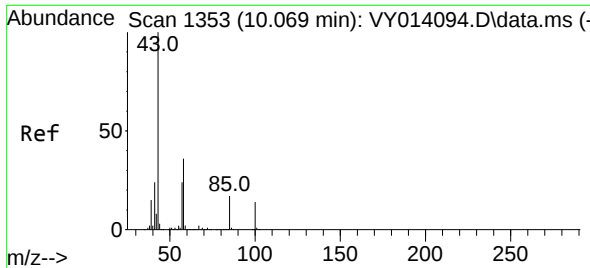
Tgt Ion: 98 Resp: 598232

Ion Ratio Lower Upper

98 100

100 62.8 50.1 75.1





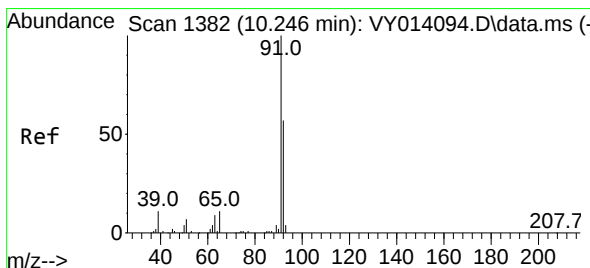
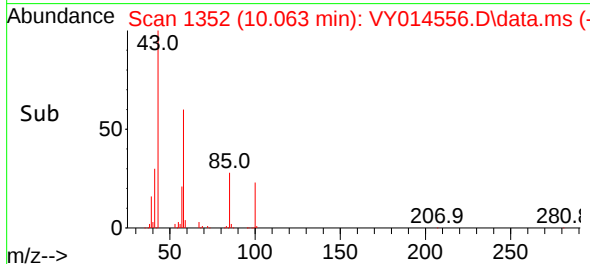
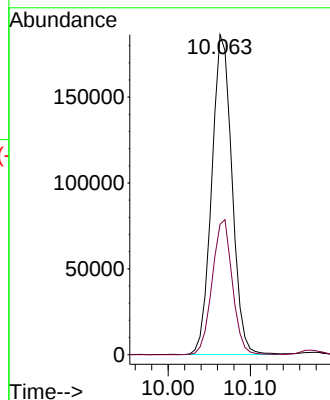
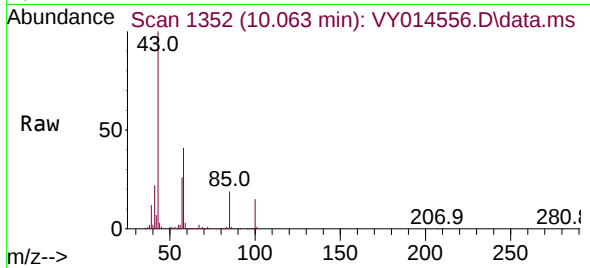
#51
4-Methyl-2-Pentanone
Concen: 102.226 ug/l
RT: 10.063 min Scan# 1352
Delta R.T. -0.006 min
Lab File: VY014556.D
Acq: 05 Jul 2023 14:20

Instrument :
MSVOA_Y
ClientSampleId :
VY0703SBSD01

Tgt Ion: 43 Resp: 318058
Ion Ratio Lower Upper
43 100
58 42.1 29.0 43.6

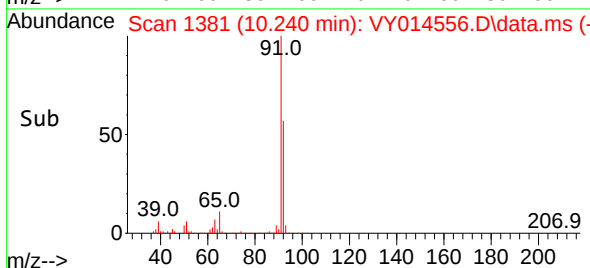
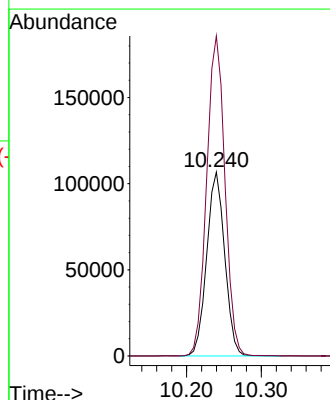
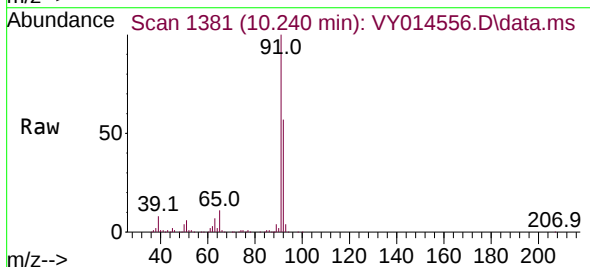
Manual Integrations
APPROVED

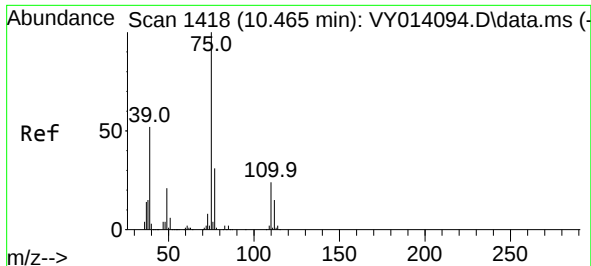
Reviewed By :John Carlone 07/06/2023
Supervised By :Mahesh Dadoda 07/06/2023



#52
Toluene
Concen: 20.718 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.006 min
Lab File: VY014556.D
Acq: 05 Jul 2023 14:20

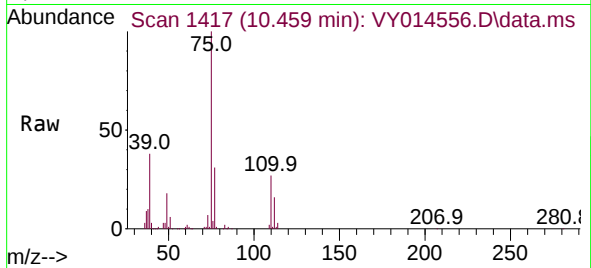
Tgt Ion: 92 Resp: 178456
Ion Ratio Lower Upper
92 100
91 176.7 143.8 215.6





#53
t-1,3-Dichloropropene
Concen: 20.349 ug/l
RT: 10.459 min Scan# 1417
Delta R.T. -0.006 min
Lab File: VY014556.D
Acq: 05 Jul 2023 14:20

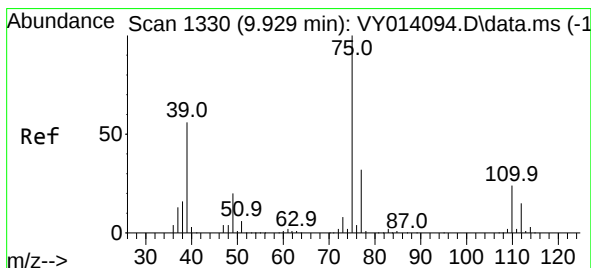
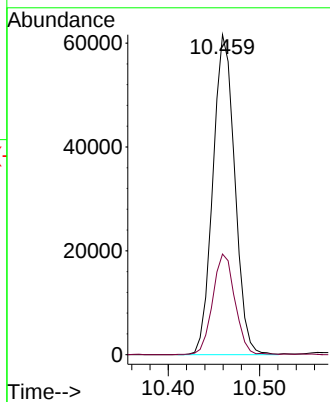
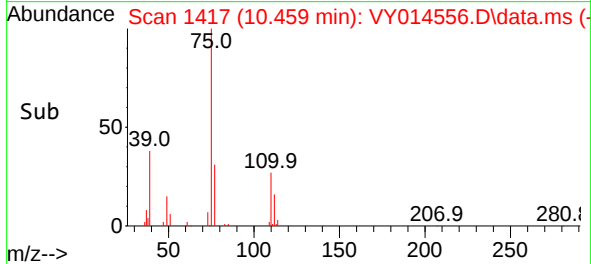
Instrument :
MSVOA_Y
ClientSampleId :
VY0703SBS01



Tgt Ion: 75 Resp: 102490
Ion Ratio Lower Upper
75 100
77 31.4 25.0 37.4

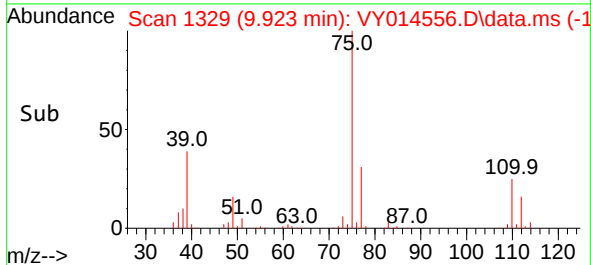
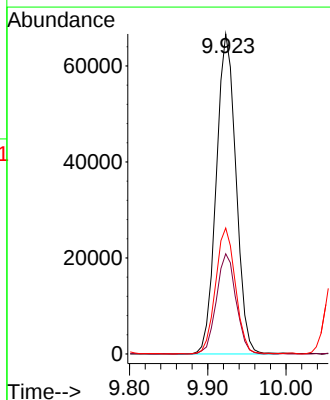
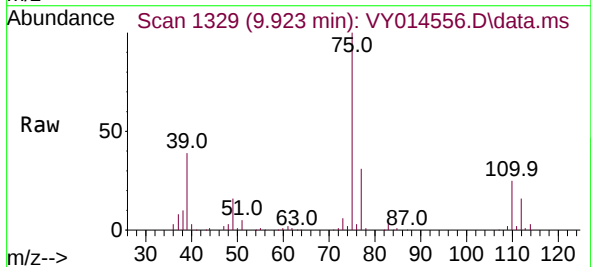
Manual Integrations
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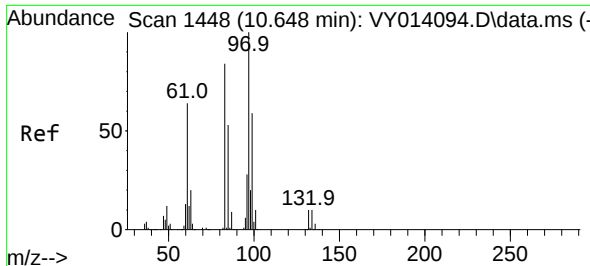
Reviewed By :John Carlone 07/06/2023
Supervised By :Mahesh Dadoda 07/06/2023



#54
cis-1,3-Dichloropropene
Concen: 20.762 ug/l
RT: 9.923 min Scan# 1329
Delta R.T. -0.006 min
Lab File: VY014556.D
Acq: 05 Jul 2023 14:20

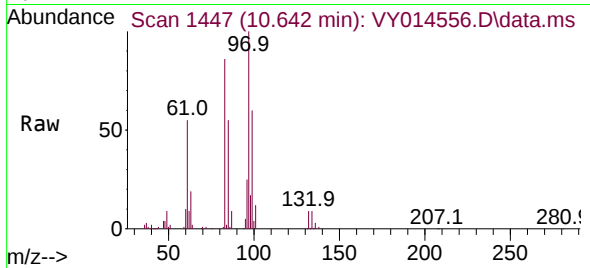
Tgt Ion: 75 Resp: 116678
Ion Ratio Lower Upper
75 100
77 31.3 24.2 36.4
39 39.3 42.2 63.4#





#55
1,1,2-Trichloroethane
Concen: 20.855 ug/l
RT: 10.642 min Scan# 1448
Delta R.T. -0.006 min
Lab File: VY014556.D
Acq: 05 Jul 2023 14:20

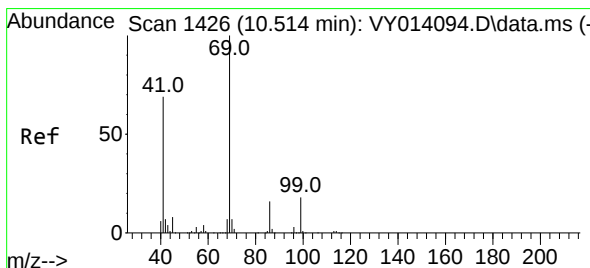
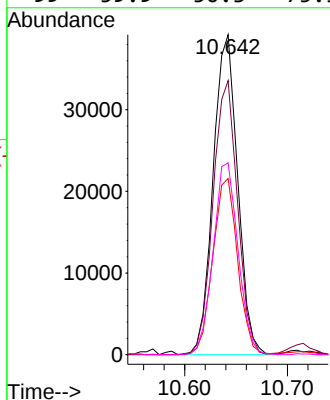
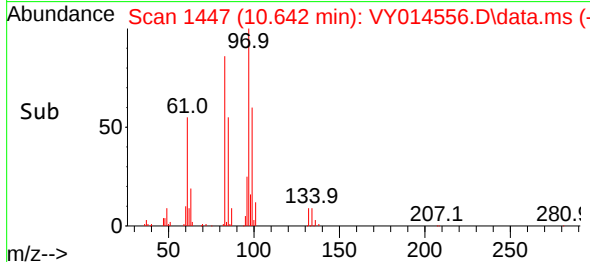
Instrument :
MSVOA_Y
ClientSampleId :
VY0703SBS01



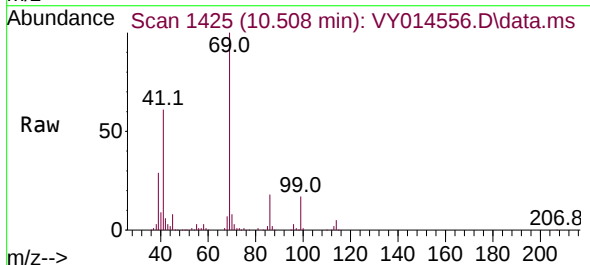
Tgt Ion: 97 Resp: 6487
Ion Ratio Lower Upper
97 100
83 85.7 72.0 108.0
85 55.1 45.4 68.0
99 59.9 50.3 75.5

Manual Integrations
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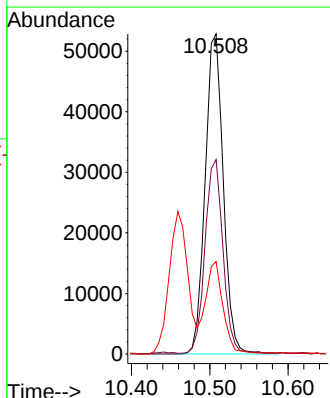
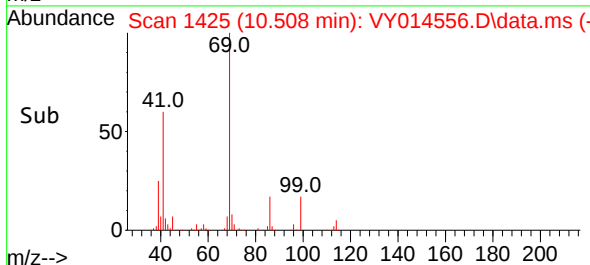
Reviewed By :John Carlone 07/06/2023
Supervised By :Mahesh Dadoda 07/06/2023

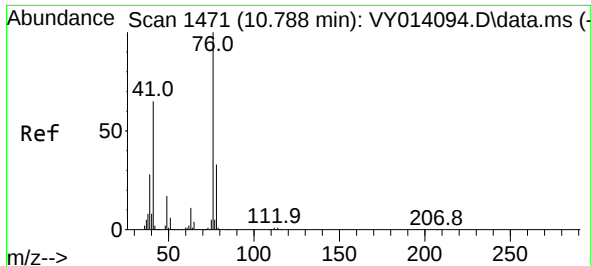


#56
Ethyl methacrylate
Concen: 20.078 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.006 min
Lab File: VY014556.D
Acq: 05 Jul 2023 14:20



Tgt Ion: 69 Resp: 84956
Ion Ratio Lower Upper
69 100
41 59.9 57.6 86.4
39 27.4 34.1 51.1#





#57

1,3-Dichloropropane

Concen: 20.724 ug/l

RT: 10.782 min Scan# 1471

Delta R.T. -0.006 min

Lab File: VY014556.D

Acq: 05 Jul 2023 14:20

Instrument :

MSVOA_Y

ClientSampleId :

VY0703SBS01

Tgt Ion: 76 Resp: 105030

Ion Ratio Lower Upper

76 100

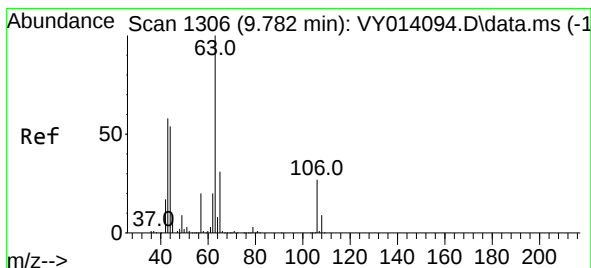
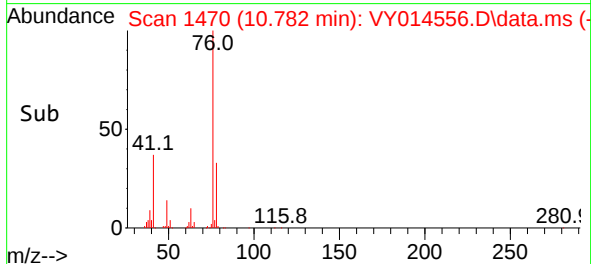
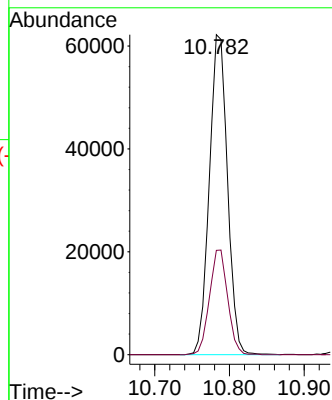
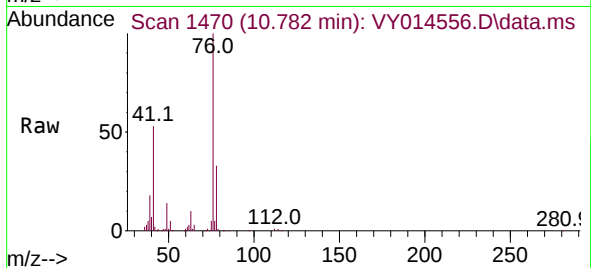
78 32.8 25.3 37.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/06/2023

Supervised By :Mahesh Dadoda 07/06/2023



#58

2-Chloroethyl Vinyl ether

Concen: 106.700 ug/l

RT: 9.776 min Scan# 1305

Delta R.T. -0.006 min

Lab File: VY014556.D

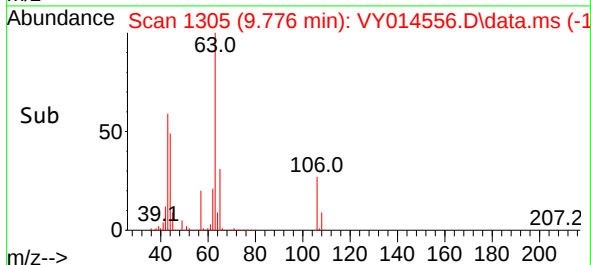
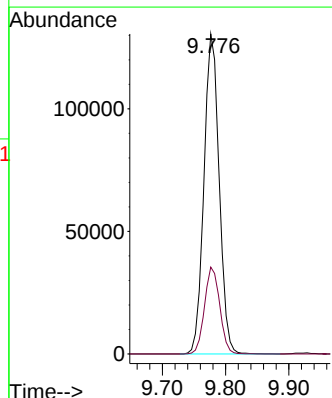
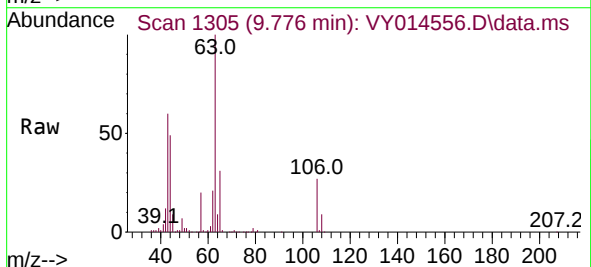
Acq: 05 Jul 2023 14:20

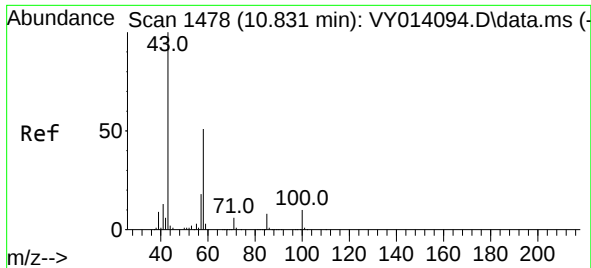
Tgt Ion: 63 Resp: 218722

Ion Ratio Lower Upper

63 100

106 27.1 21.2 31.8





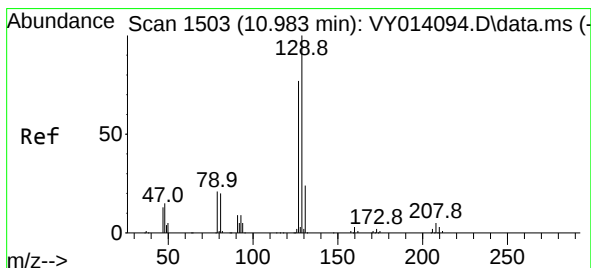
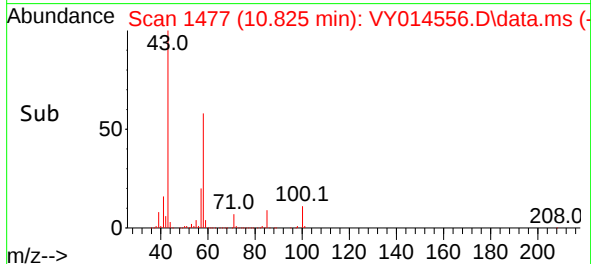
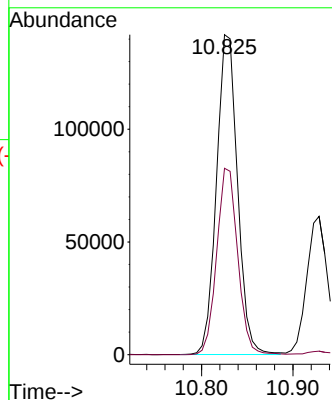
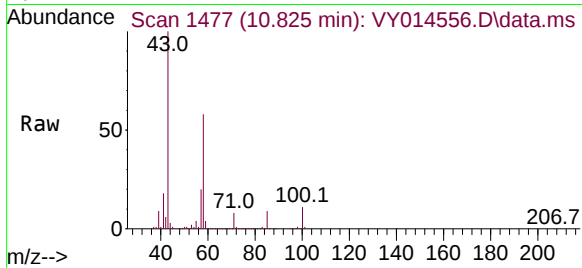
#59
2-Hexanone
Concen: 101.188 ug/l
RT: 10.825 min Scan# 1477
Delta R.T. -0.006 min
Lab File: VY014556.D
Acq: 05 Jul 2023 14:20

Instrument :
MSVOA_Y
ClientSampleId :
VY0703SBSD01

Tgt Ion: 43 Resp: 227419
Ion Ratio Lower Upper
43 100
58 58.1 25.1 75.3

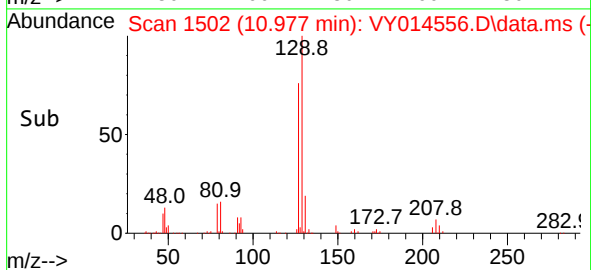
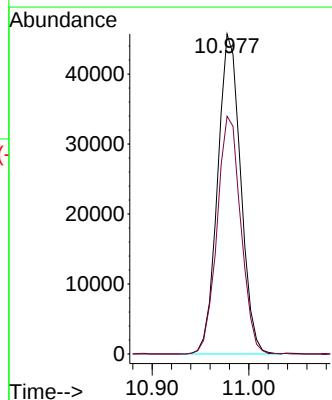
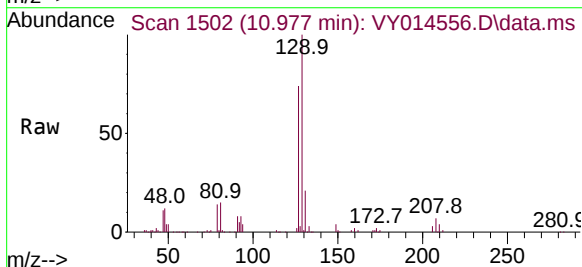
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/06/2023
Supervised By :Mahesh Dadoda 07/06/2023



#60
Dibromochloromethane
Concen: 20.713 ug/l
RT: 10.977 min Scan# 1502
Delta R.T. -0.006 min
Lab File: VY014556.D
Acq: 05 Jul 2023 14:20

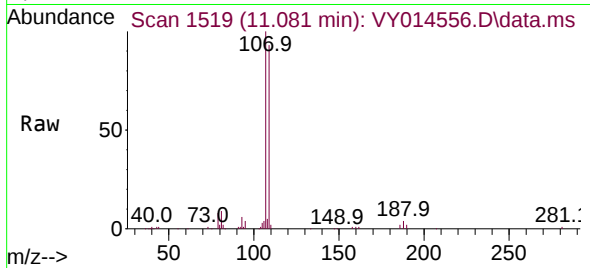
Tgt Ion:129 Resp: 75496
Ion Ratio Lower Upper
129 100
127 76.8 38.5 115.5





#61
1,2-Dibromoethane
Concen: 20.414 ug/l
RT: 11.081 min Scan# 1519
Delta R.T. -0.012 min
Lab File: VY014556.D
Acq: 05 Jul 2023 14:20

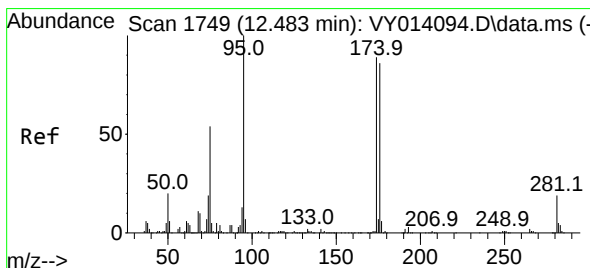
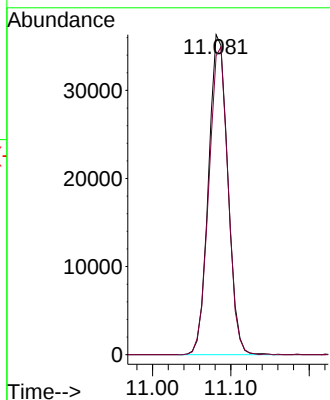
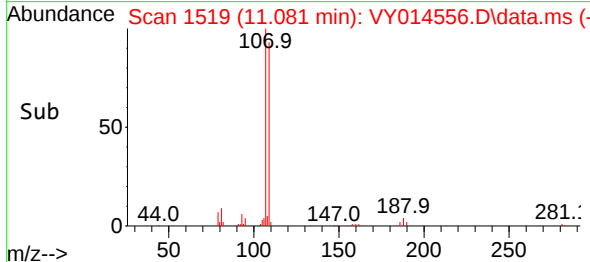
Instrument :
MSVOA_Y
ClientSampleId :
VY0703SBS01



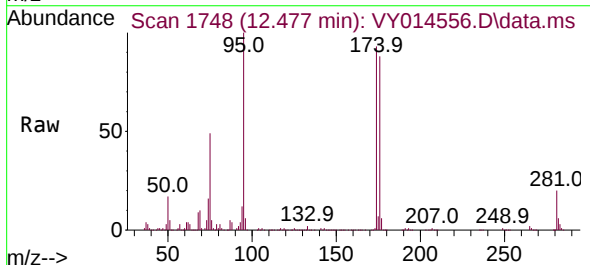
Tgt Ion:107 Resp: 6199
Ion Ratio Lower Upper
107 100
109 96.1 75.6 113.4

Manual Integrations
APPROVED

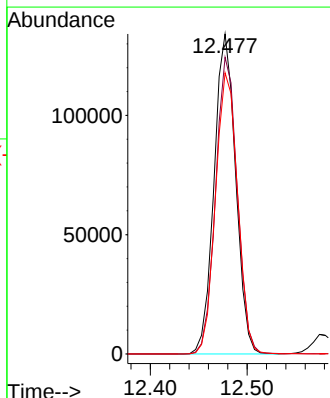
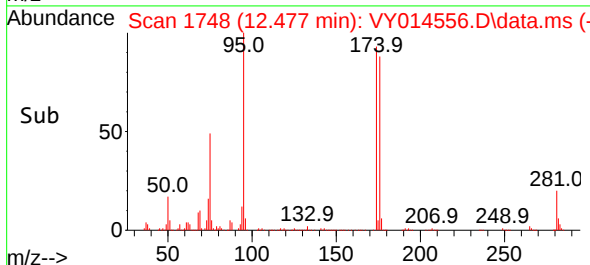
Reviewed By :John Carlone 07/06/2023
Supervised By :Mahesh Dadoda 07/06/2023

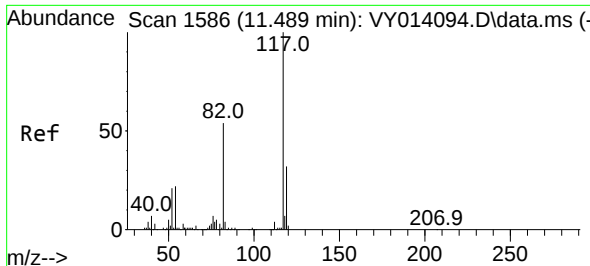


#62
4-Bromofluorobenzene
Concen: 51.156 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY014556.D
Acq: 05 Jul 2023 14:20



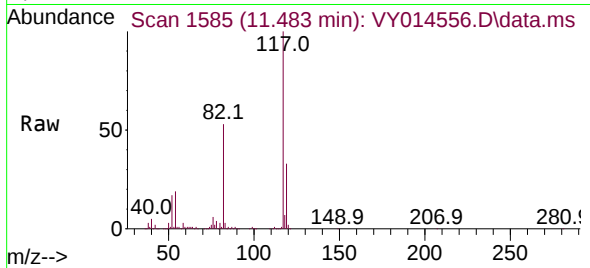
Tgt Ion: 95 Resp: 207347
Ion Ratio Lower Upper
95 100
174 93.0 0.0 178.2
176 90.1 0.0 173.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY014556.D
Acq: 05 Jul 2023 14:20

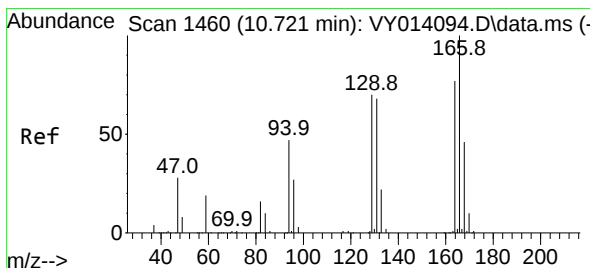
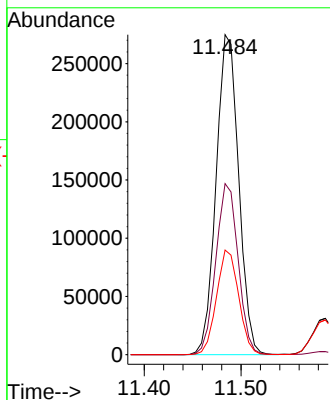
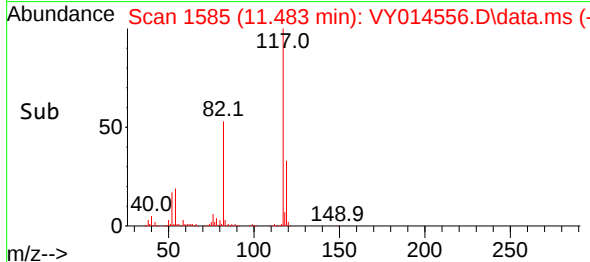
Instrument :
MSVOA_Y
ClientSampleId :
VY0703SBS01



Tgt Ion:117 Resp: 444890
Ion Ratio Lower Upper
117 100
82 53.5 43.4 65.0
119 32.7 26.3 39.5

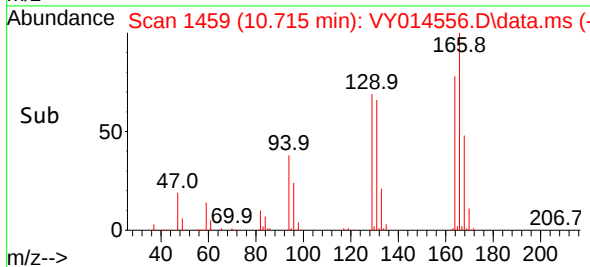
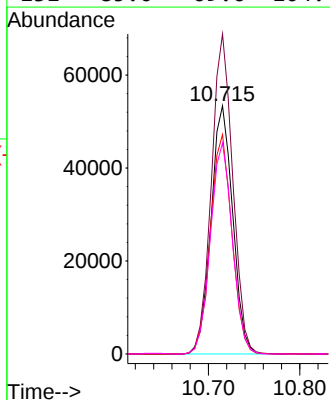
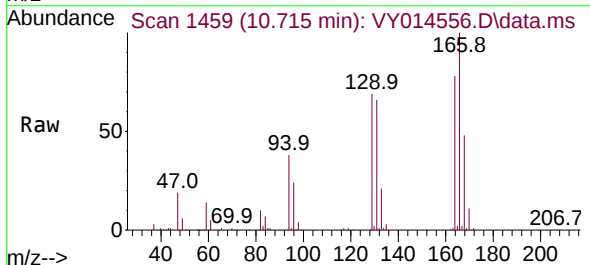
Manual Integrations
APPROVED

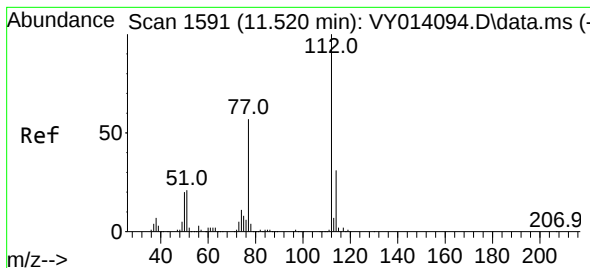
Reviewed By :John Carlone 07/06/2023
Supervised By :Mahesh Dadoda 07/06/2023



#64
Tetrachloroethene
Concen: 22.155 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. -0.006 min
Lab File: VY014556.D
Acq: 05 Jul 2023 14:20

Tgt Ion:164 Resp: 88111
Ion Ratio Lower Upper
164 100
166 128.9 103.0 154.6
129 88.4 77.2 115.8
131 85.0 69.6 104.4





#65

Chlorobenzene

Concen: 20.730 ug/l

RT: 11.514 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY014556.D

Acq: 05 Jul 2023 14:20

Instrument :

MSVOA_Y

ClientSampleId :

VY0703SBS01

Tgt Ion:112 Resp: 19654

Ion Ratio Lower Upper

112 100

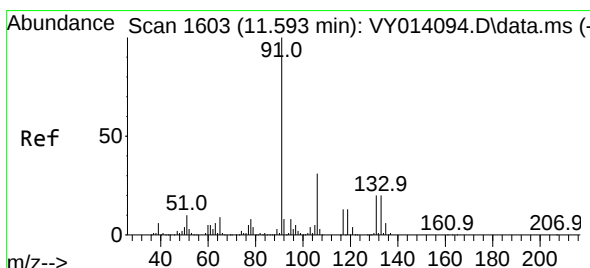
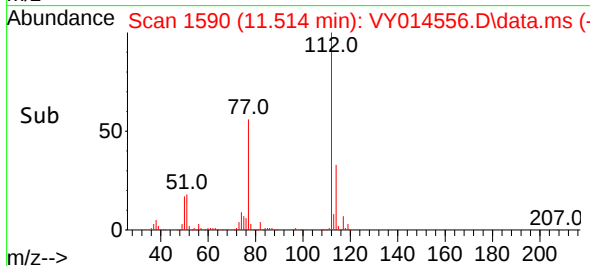
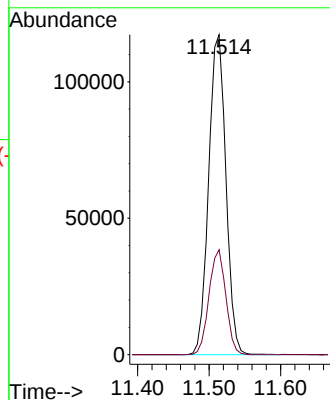
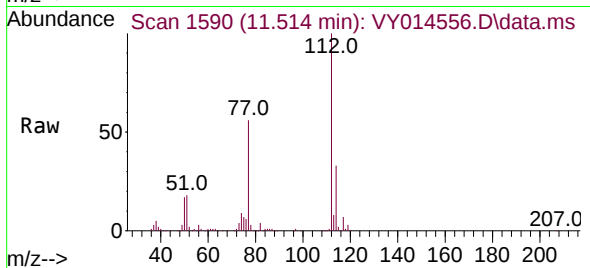
114 32.8 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/06/2023

Supervised By :Mahesh Dadoda 07/06/2023



#66

1,1,1,2-Tetrachloroethane

Concen: 20.740 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. -0.006 min

Lab File: VY014556.D

Acq: 05 Jul 2023 14:20

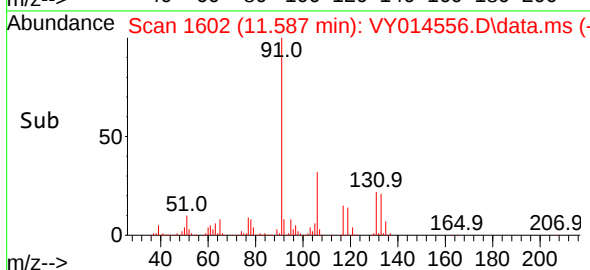
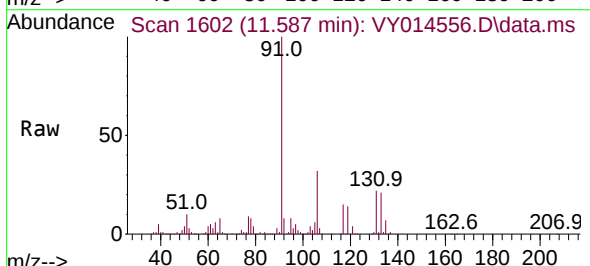
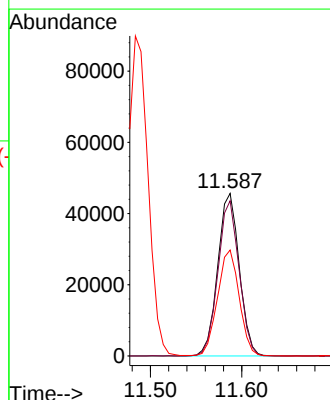
Tgt Ion:131 Resp: 74738

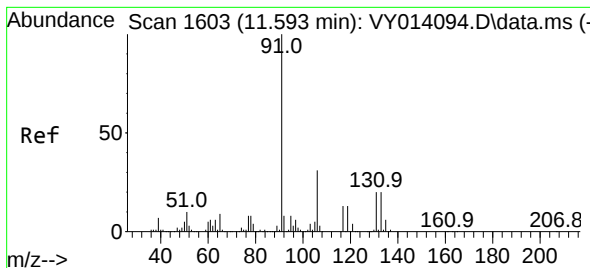
Ion Ratio Lower Upper

131 100

133 93.8 47.5 142.6

119 66.0 31.6 94.7





#67

Ethyl Benzene

Concen: 20.341 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. -0.006 min

Lab File: VY014556.D

Acq: 05 Jul 2023 14:20

Instrument :

MSVOA_Y

ClientSampleId :

VY0703SBS01

Tgt Ion: 91 Resp: 328870

Ion Ratio Lower Upper

91 100

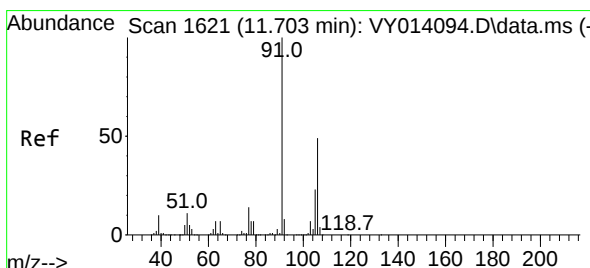
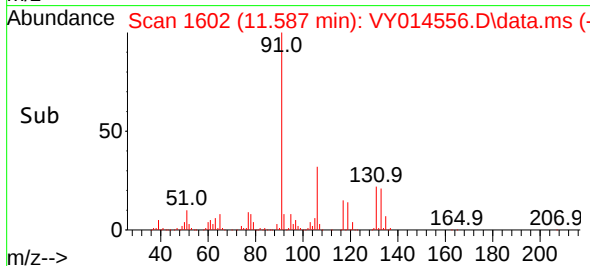
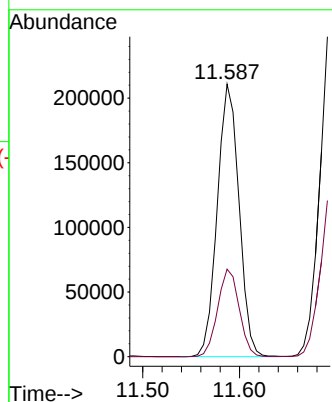
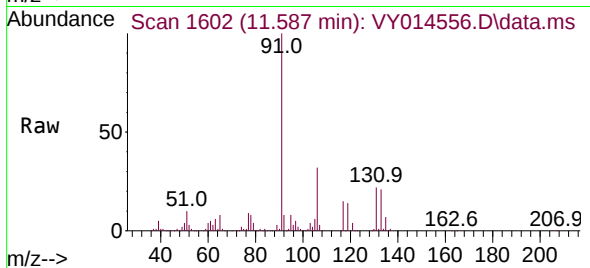
106 32.2 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/06/2023

Supervised By :Mahesh Dadoda 07/06/2023



#68

m/p-Xylenes

Concen: 40.952 ug/l

RT: 11.697 min Scan# 1620

Delta R.T. -0.006 min

Lab File: VY014556.D

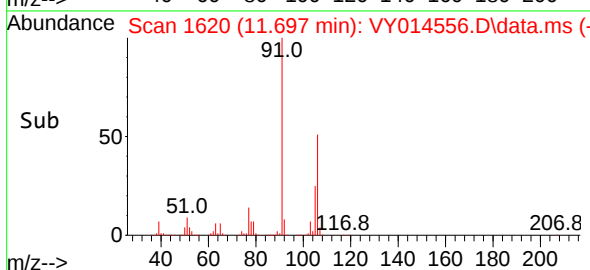
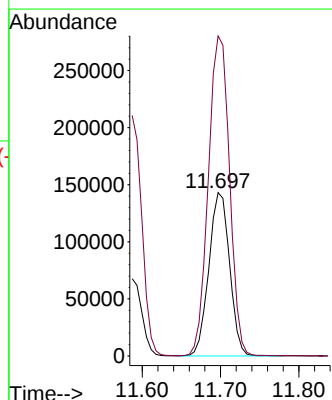
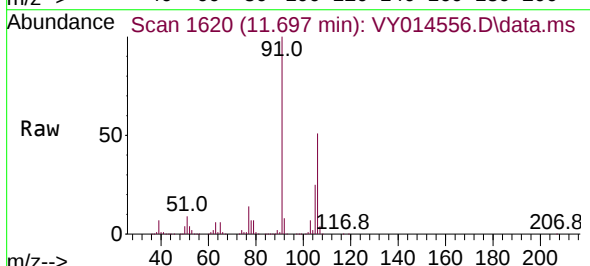
Acq: 05 Jul 2023 14:20

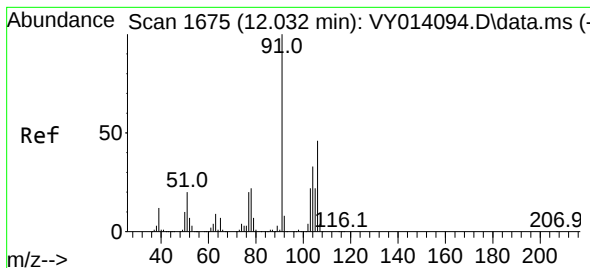
Tgt Ion:106 Resp: 262642

Ion Ratio Lower Upper

106 100

91 201.2 166.1 249.1





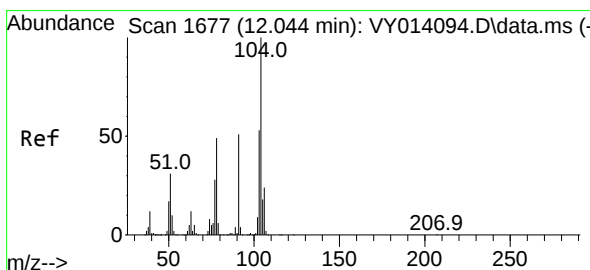
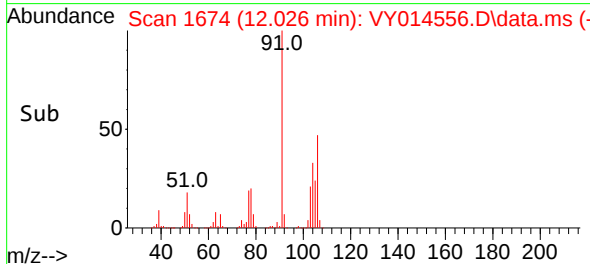
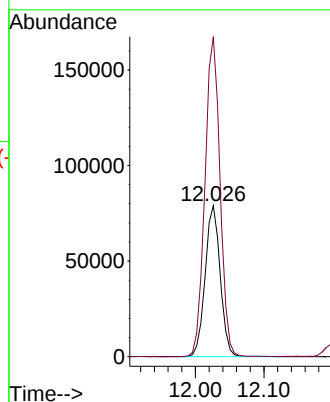
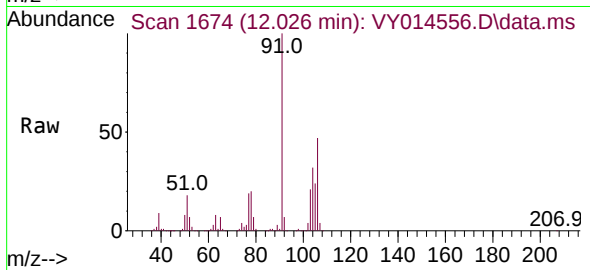
#69
o-Xylene
Concen: 19.824 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.006 min
Lab File: VY014556.D
Acq: 05 Jul 2023 14:20

Instrument :
MSVOA_Y
ClientSampleId :
VY0703SBSD01

Tgt Ion:106 Resp: 120584
Ion Ratio Lower Upper
106 100
91 213.4 108.1 324.3

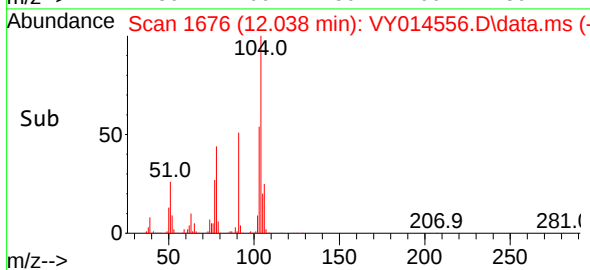
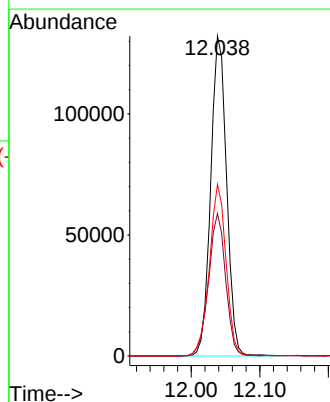
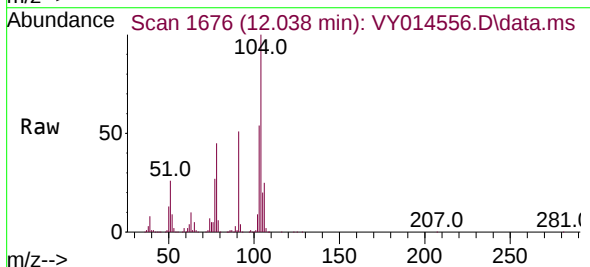
Manual Integrations
APPROVED

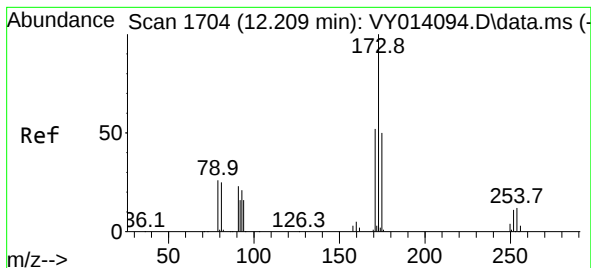
Reviewed By :John Carlone 07/06/2023
Supervised By :Mahesh Dadoda 07/06/2023



#70
Styrene
Concen: 20.343 ug/l
RT: 12.038 min Scan# 1676
Delta R.T. -0.006 min
Lab File: VY014556.D
Acq: 05 Jul 2023 14:20

Tgt Ion:104 Resp: 212894
Ion Ratio Lower Upper
104 100
78 47.8 41.5 62.3
103 56.5 44.6 67.0





#71

Bromoform

Concen: 20.507 ug/l

RT: 12.203 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY014556.D

Acq: 05 Jul 2023 14:20

Instrument :

MSVOA_Y

ClientSampleId :

VY0703SBS01

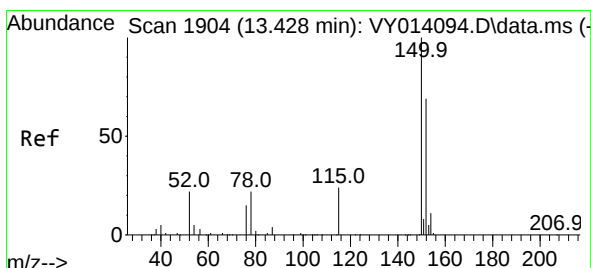
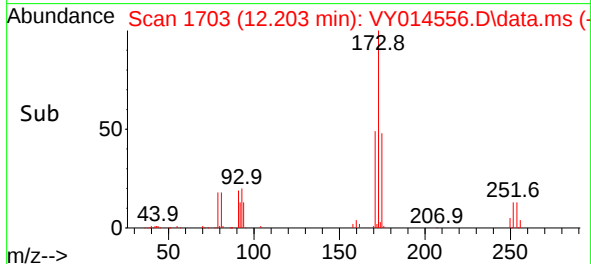
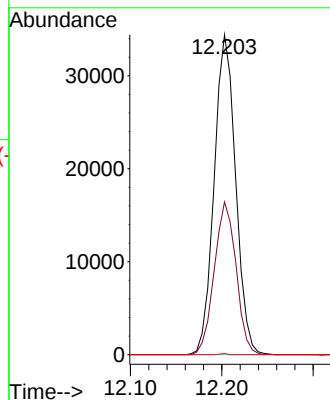
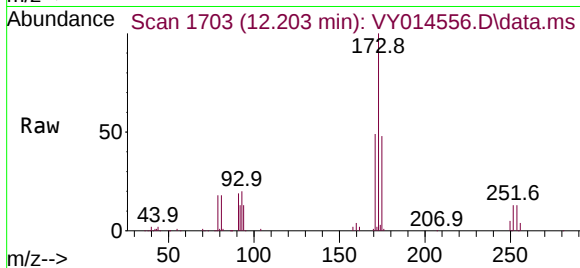
Tgt Ion:173	Resp:	5614
Ion Ratio	Lower	Upper
173	100	
175	48.5	24.6 73.8
254	0.1	0.2 0.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/06/2023

Supervised By :Mahesh Dadoda 07/06/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

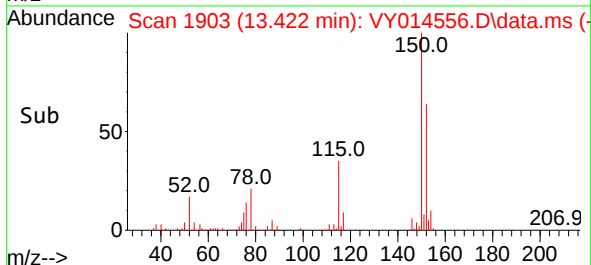
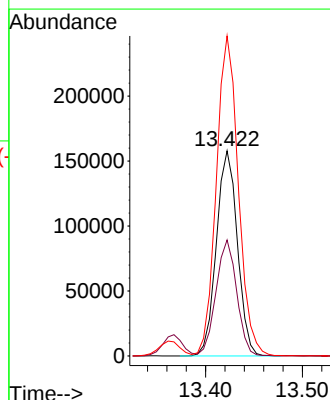
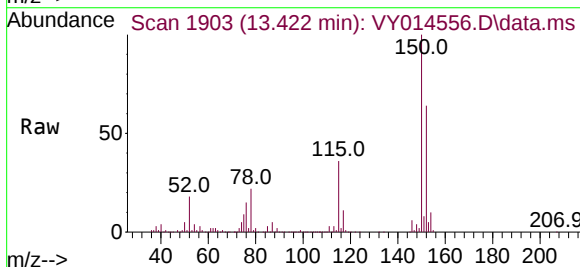
RT: 13.422 min Scan# 1903

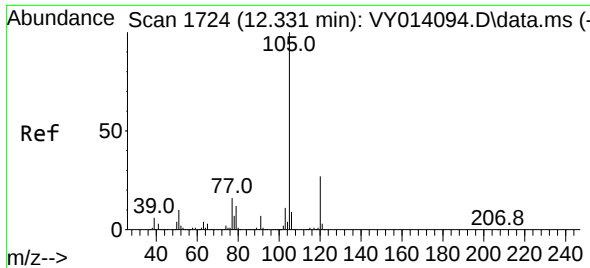
Delta R.T. -0.006 min

Lab File: VY014556.D

Acq: 05 Jul 2023 14:20

Tgt Ion:152	Resp:	238266
Ion Ratio	Lower	Upper
152	100	
115	55.5	28.8 86.5
150	163.3	0.0 348.8





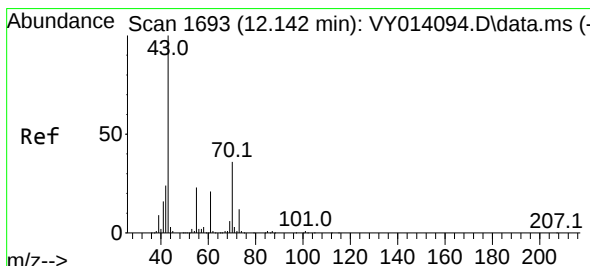
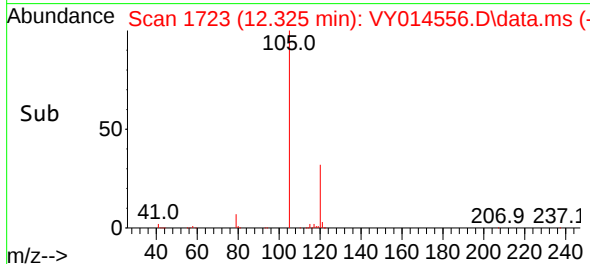
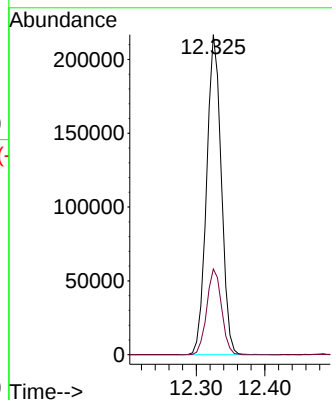
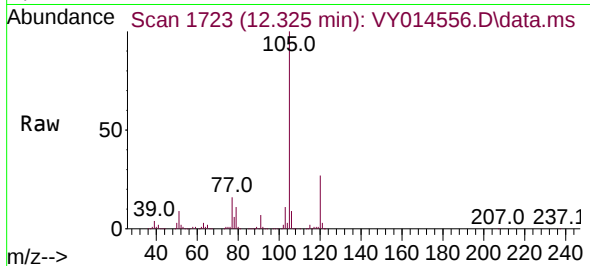
#73
Isopropylbenzene
Concen: 20.696 ug/l
RT: 12.325 min Scan# 1723
Delta R.T. -0.006 min
Lab File: VY014556.D
Acq: 05 Jul 2023 14:20

Instrument :
MSVOA_Y
ClientSampleId :
VY0703SBS01

Tgt Ion:105 Resp: 322952
Ion Ratio Lower Upper
105 100
120 27.0 13.3 39.9

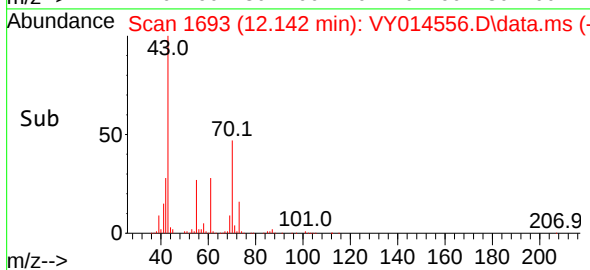
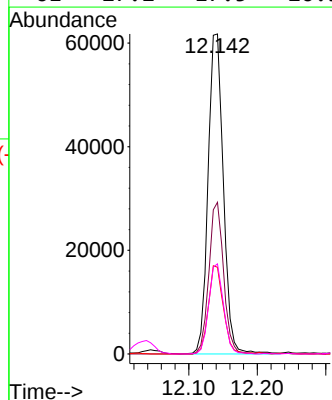
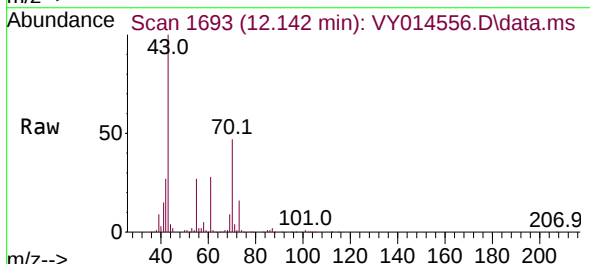
Manual Integrations
APPROVED

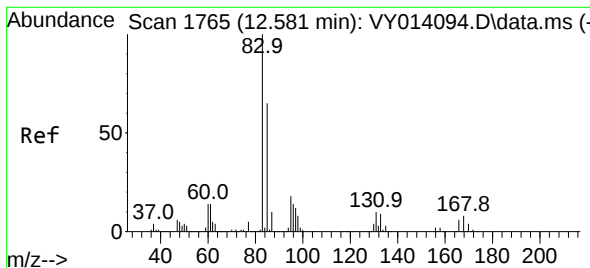
Reviewed By :John Carlone 07/06/2023
Supervised By :Mahesh Dadoda 07/06/2023



#74
N-ethyl acetate
Concen: 20.383 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY014556.D
Acq: 05 Jul 2023 14:20

Tgt Ion: 43 Resp: 95998
Ion Ratio Lower Upper
43 100
70 45.6 29.7 44.5#
55 27.1 18.3 27.5
61 27.2 17.5 26.3#





#75

1,1,2,2-Tetrachloroethane

Concen: 20.616 ug/l

RT: 12.575 min Scan# 1764

Delta R.T. -0.006 min

Lab File: VY014556.D

Acq: 05 Jul 2023 14:20

Instrument :

MSVOA_Y

ClientSampleId :

VY0703SBS01

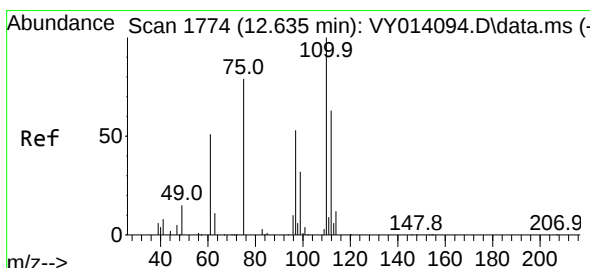
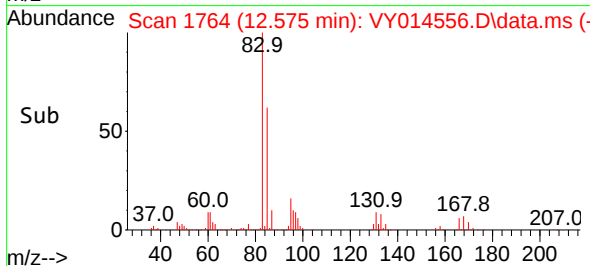
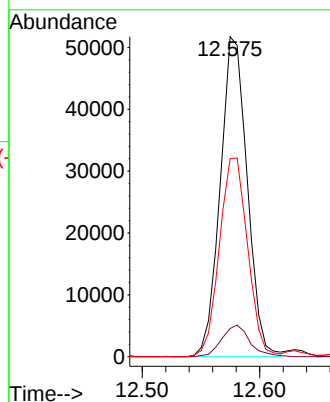
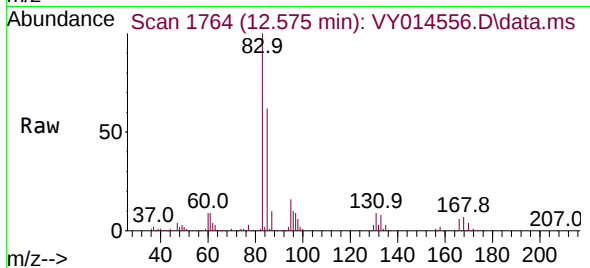
Tgt Ion:	83	Resp:	8255
Ion Ratio	Lower	Upper	
83	100		
131	10.2	5.4	16.2
85	65.0	31.8	95.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/06/2023

Supervised By :Mahesh Dadoda 07/06/2023



#76

1,2,3-Trichloropropane

Concen: 24.549 ug/l m

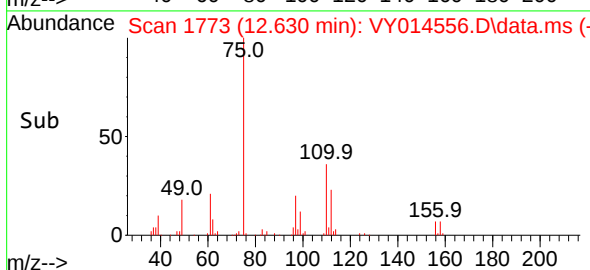
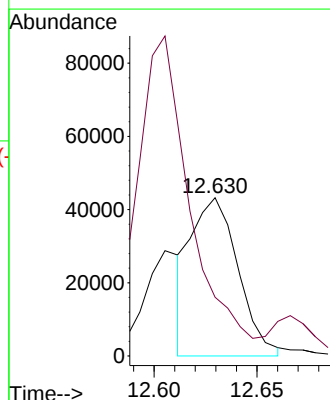
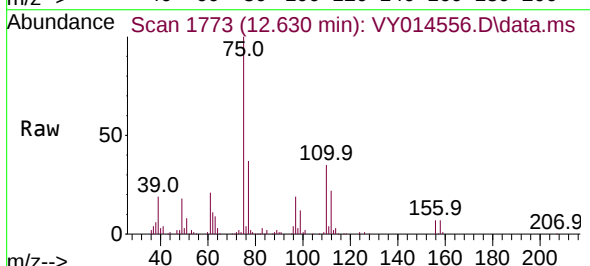
RT: 12.630 min Scan# 1773

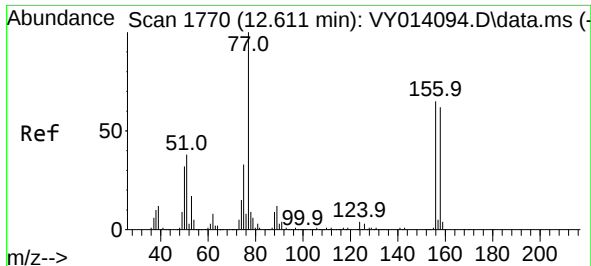
Delta R.T. -0.005 min

Lab File: VY014556.D

Acq: 05 Jul 2023 14:20

Tgt Ion:	75	Resp:	68638
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





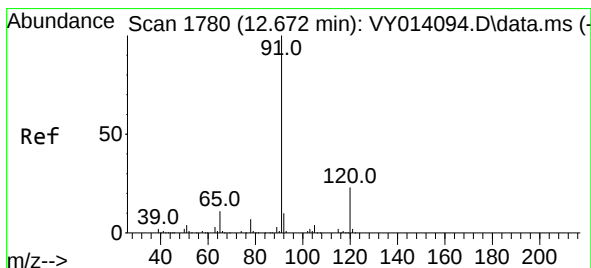
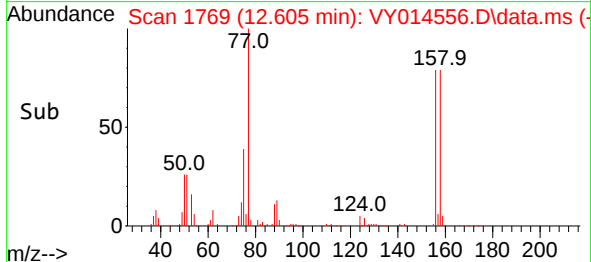
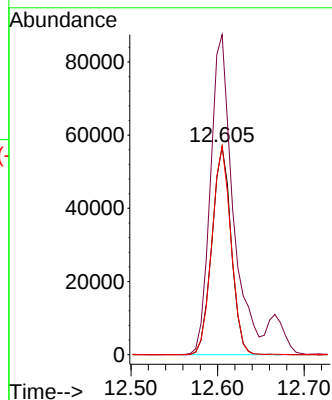
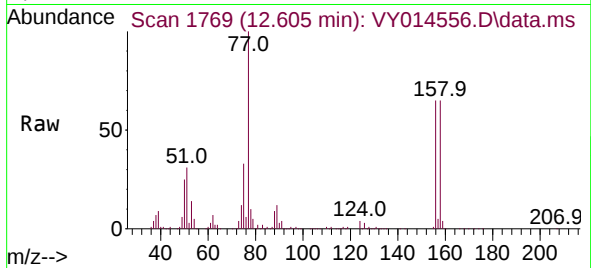
#77
Bromobenzene
Concen: 20.573 ug/l
RT: 12.605 min Scan# 1770
Delta R.T. -0.006 min
Lab File: VY014556.D
Acq: 05 Jul 2023 14:20

Instrument :
MSVOA_Y
ClientSampleId :
VY0703SBSD01

Tgt Ion:156 Resp: 87680
Ion Ratio Lower Upper
156 100
77 178.9 92.8 278.6
158 99.5 48.4 145.3

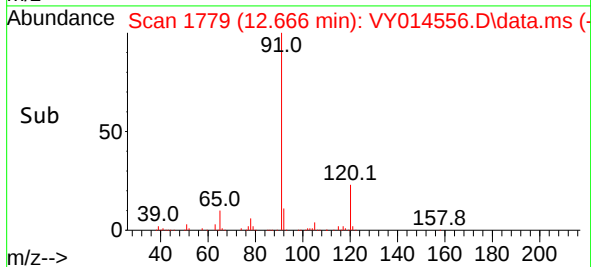
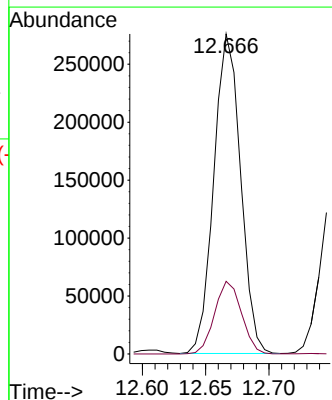
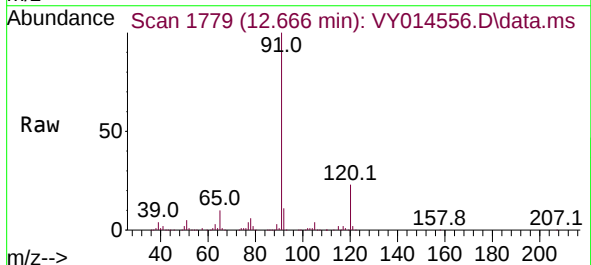
Manual Integrations
APPROVED

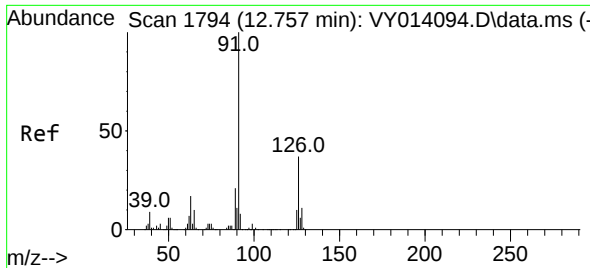
Reviewed By :John Carlone 07/06/2023
Supervised By :Mahesh Dadoda 07/06/2023



#78
n-propylbenzene
Concen: 21.276 ug/l
RT: 12.666 min Scan# 1779
Delta R.T. -0.006 min
Lab File: VY014556.D
Acq: 05 Jul 2023 14:20

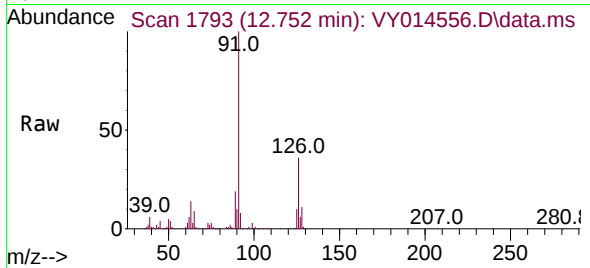
Tgt Ion: 91 Resp: 405000
Ion Ratio Lower Upper
91 100
120 22.9 11.5 34.4





#79
2-Chlorotoluene
Concen: 20.835 ug/l
RT: 12.752 min Scan# 1793
Delta R.T. -0.005 min
Lab File: VY014556.D
Acq: 05 Jul 2023 14:20

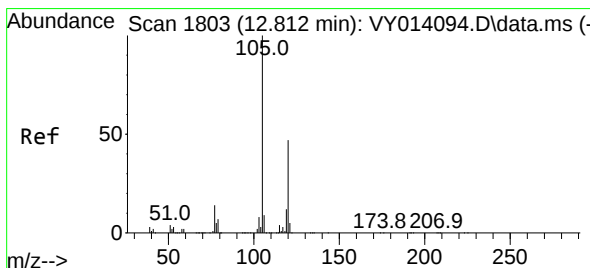
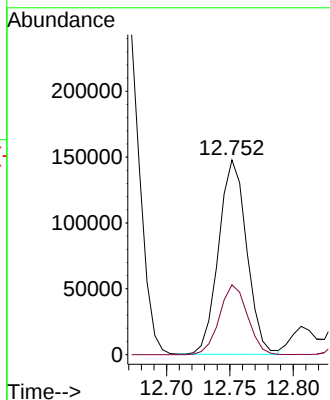
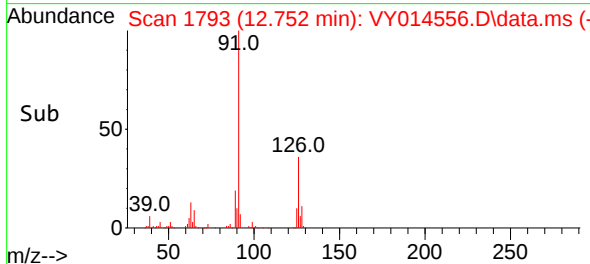
Instrument :
MSVOA_Y
ClientSampleId :
VY0703SBSD01



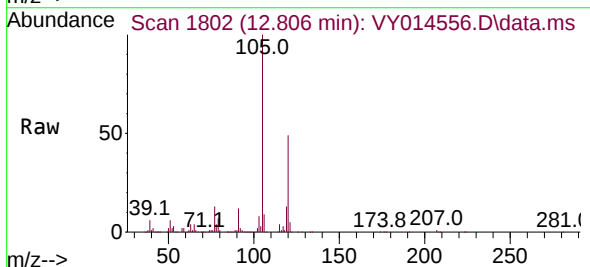
Tgt Ion: 91 Resp: 228238
Ion Ratio Lower Upper
91 100
126 35.8 17.3 51.7

Manual Integrations
APPROVED

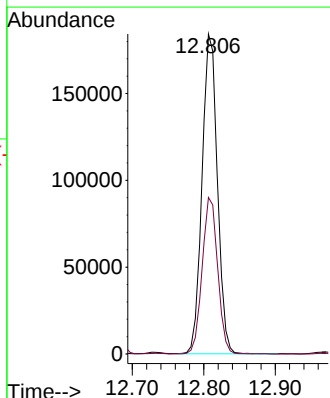
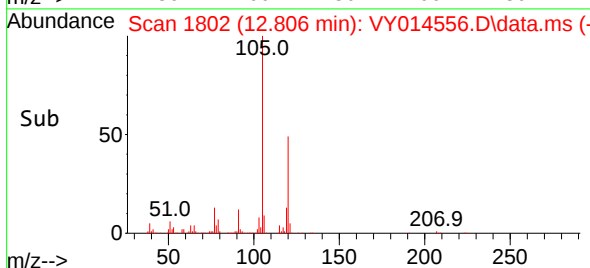
Reviewed By :John Carlone 07/06/2023
Supervised By :Mahesh Dadoda 07/06/2023

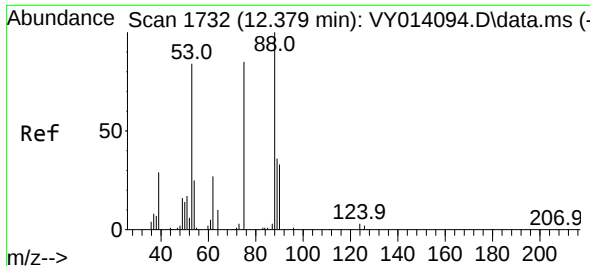


#80
1,3,5-Trimethylbenzene
Concen: 20.755 ug/l
RT: 12.806 min Scan# 1802
Delta R.T. -0.006 min
Lab File: VY014556.D
Acq: 05 Jul 2023 14:20



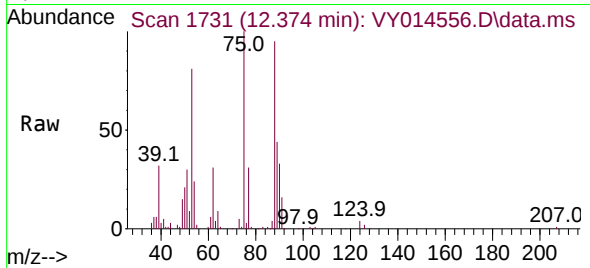
Tgt Ion:105 Resp: 274179
Ion Ratio Lower Upper
105 100
120 49.5 23.9 71.7





#81
trans-1,4-Dichloro-2-butene
Concen: 19.376 ug/l
RT: 12.374 min Scan# 1731
Delta R.T. -0.005 min
Lab File: VY014556.D
Acq: 05 Jul 2023 14:20

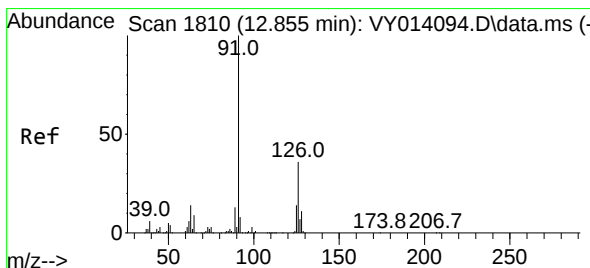
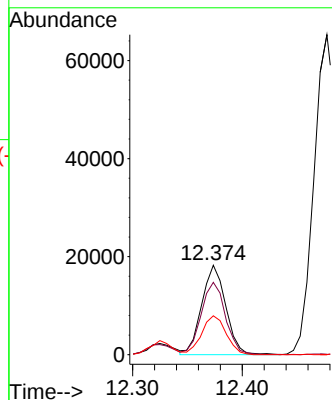
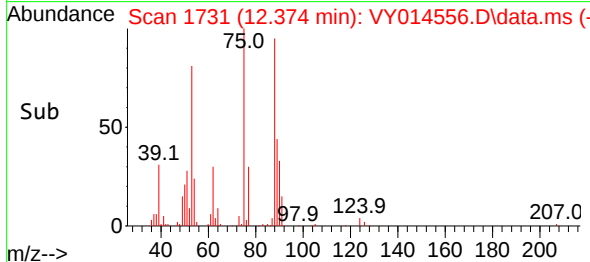
Instrument :
MSVOA_Y
ClientSampleId :
VY0703SBS01



Tgt Ion: 75 Resp: 2783
Ion Ratio Lower Upper
75 100
53 82.4 77.8 116.8
89 43.9 37.4 56.0

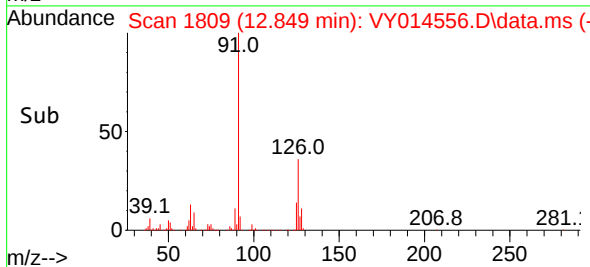
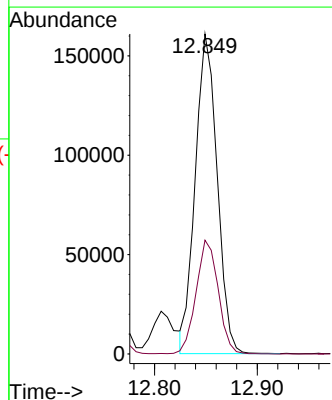
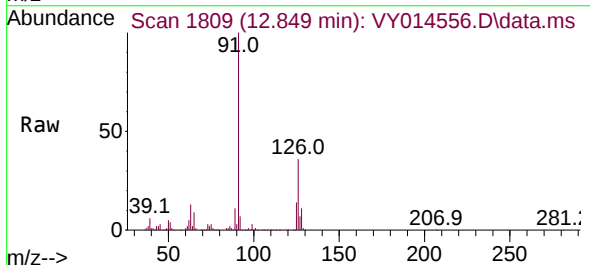
Manual Integrations
APPROVED

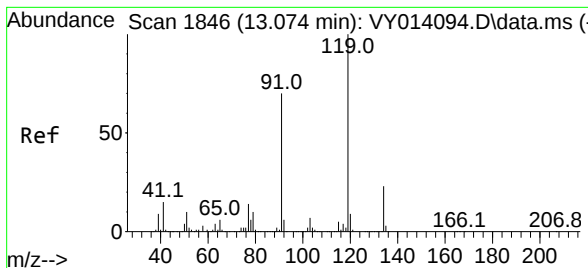
Reviewed By :John Carlone 07/06/2023
Supervised By :Mahesh Dadoda 07/06/2023



#82
4-Chlorotoluene
Concen: 20.763 ug/l
RT: 12.849 min Scan# 1809
Delta R.T. -0.006 min
Lab File: VY014556.D
Acq: 05 Jul 2023 14:20

Tgt Ion: 91 Resp: 238283
Ion Ratio Lower Upper
91 100
126 36.2 17.2 51.6





#83

tert-Butylbenzene

Concen: 20.483 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. 0.001 min

Lab File: VY014556.D

Acq: 05 Jul 2023 14:20

Instrument :

MSVOA_Y

ClientSampleId :

VY0703SBSD01

Tgt Ion:119 Resp: 237814

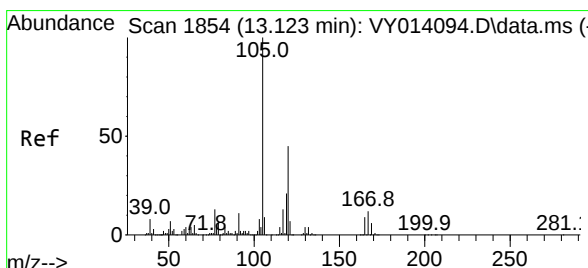
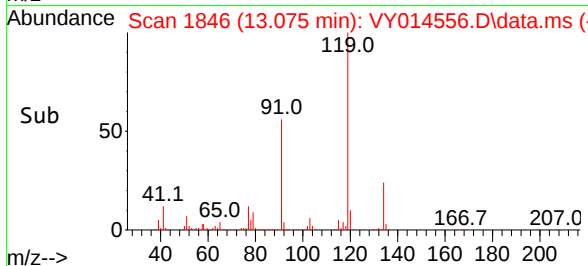
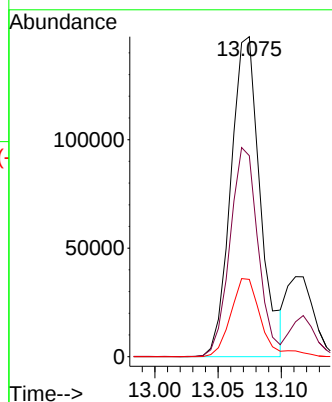
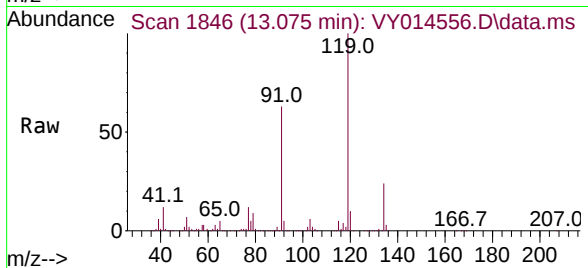
Ion	Ratio	Lower	Upper
119	100		
91	62.9	32.9	98.6
134	25.4	13.0	38.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/06/2023

Supervised By :Mahesh Dadoda 07/06/2023



#84

1,2,4-Trimethylbenzene

Concen: 20.973 ug/l

RT: 13.117 min Scan# 1853

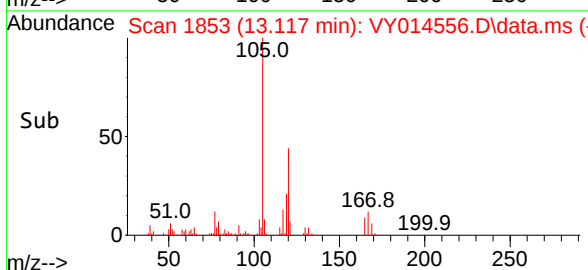
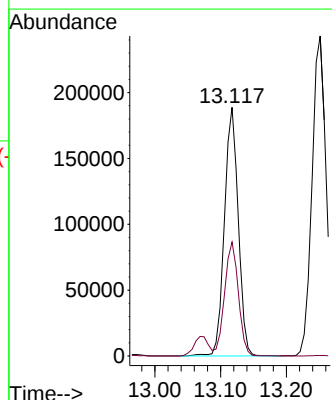
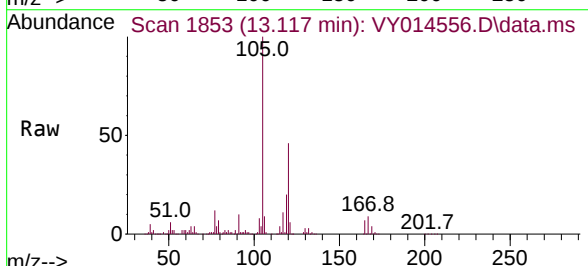
Delta R.T. -0.006 min

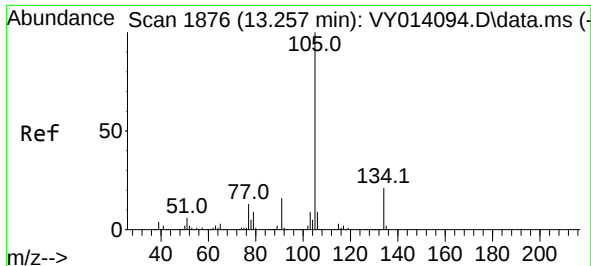
Lab File: VY014556.D

Acq: 05 Jul 2023 14:20

Tgt Ion:105 Resp: 276469

Ion	Ratio	Lower	Upper
105	100		
120	45.7	22.2	66.6





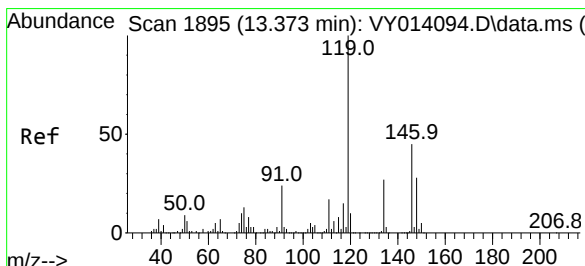
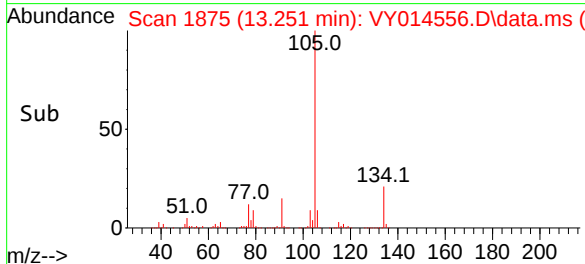
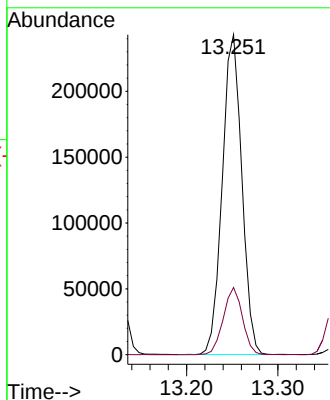
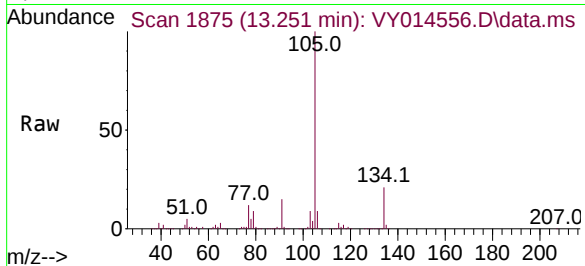
#85
 sec-Butylbenzene
 Concen: 21.100 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. -0.006 min
 Lab File: VY014556.D
 Acq: 05 Jul 2023 14:20

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0703SBSD01

Tgt Ion:105 Resp: 36148
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.2 30.6

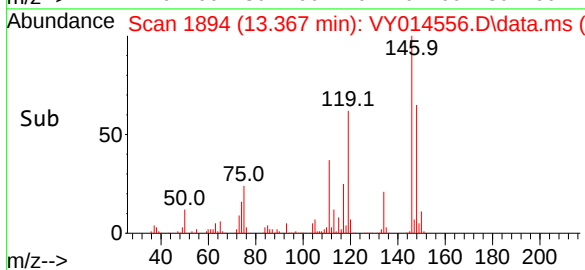
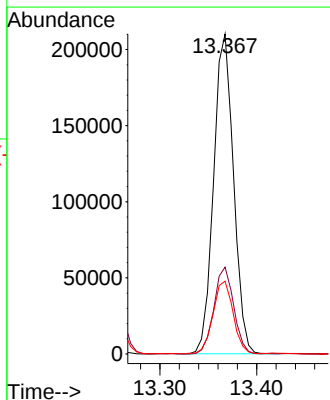
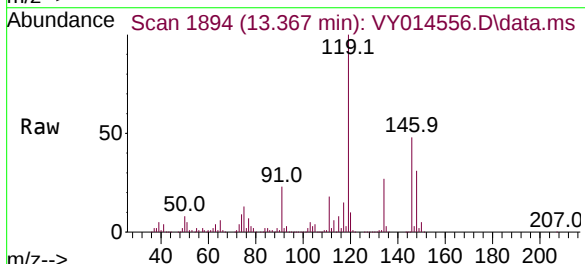
Manual Integrations
 APPROVED

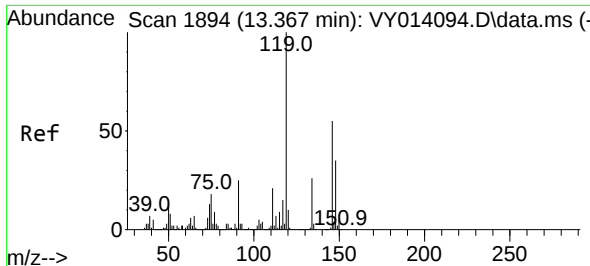
Reviewed By :John Carlone 07/06/2023
 Supervised By :Mahesh Dadoda 07/06/2023



#86
 p-Isopropyltoluene
 Concen: 20.777 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. -0.006 min
 Lab File: VY014556.D
 Acq: 05 Jul 2023 14:20

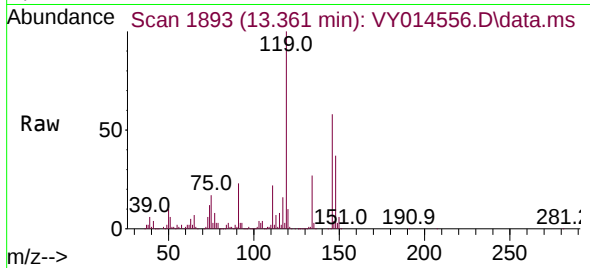
Tgt Ion:119 Resp: 299561
 Ion Ratio Lower Upper
 119 100
 134 27.0 13.3 39.8
 91 23.0 12.4 37.4





#87
1,3-Dichlorobenzene
Concen: 20.362 ug/l
RT: 13.361 min Scan# 1893
Delta R.T. -0.006 min
Lab File: VY014556.D
Acq: 05 Jul 2023 14:20

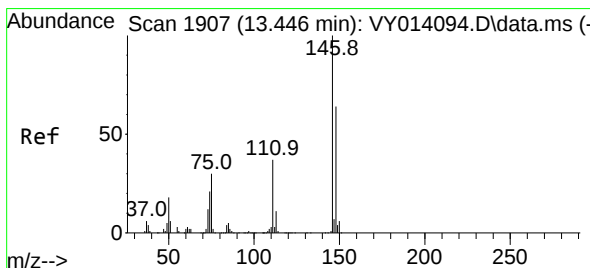
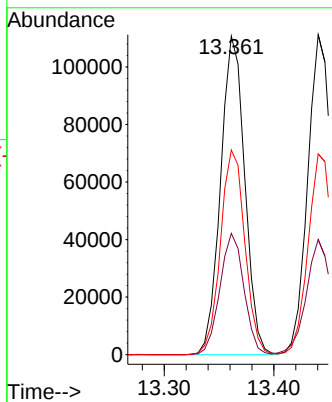
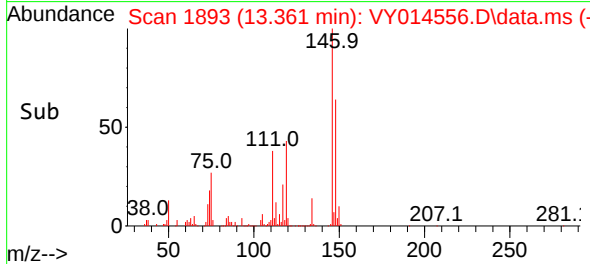
Instrument :
MSVOA_Y
ClientSampleId :
VY0703SBS01



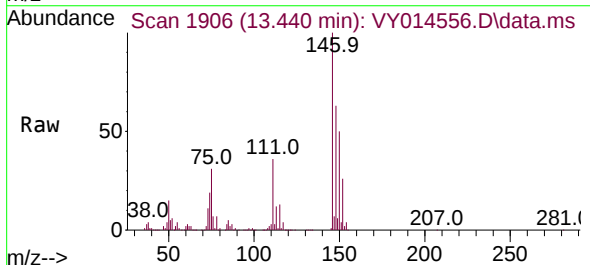
Tgt Ion:146 Resp: 169684
Ion Ratio Lower Upper
146 100
111 37.8 19.4 58.2
148 64.9 31.9 95.5

Manual Integrations
APPROVED

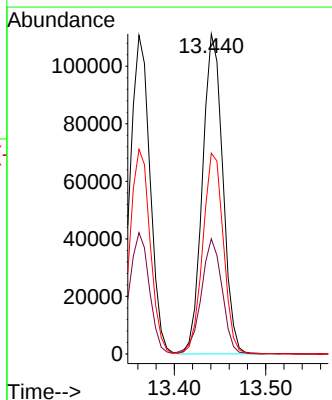
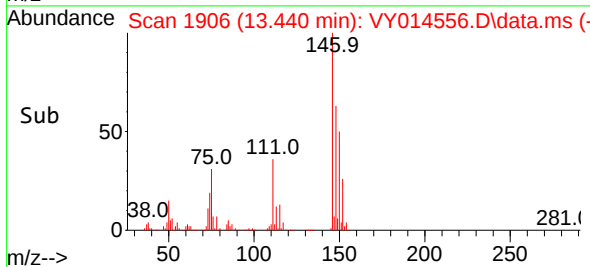
Reviewed By :John Carlone 07/06/2023
Supervised By :Mahesh Dadoda 07/06/2023

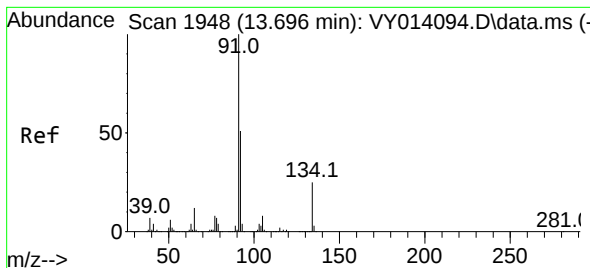


#88
1,4-Dichlorobenzene
Concen: 20.520 ug/l
RT: 13.440 min Scan# 1906
Delta R.T. -0.006 min
Lab File: VY014556.D
Acq: 05 Jul 2023 14:20



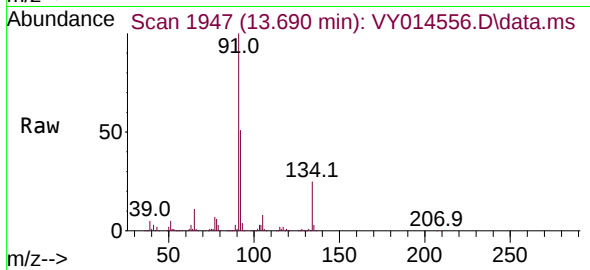
Tgt Ion:146 Resp: 171372
Ion Ratio Lower Upper
146 100
111 36.8 18.9 56.7
148 63.6 32.1 96.5





#89
n-Butylbenzene
Concen: 21.124 ug/l
RT: 13.690 min Scan# 1947
Delta R.T. -0.006 min
Lab File: VY014556.D
Acq: 05 Jul 2023 14:20

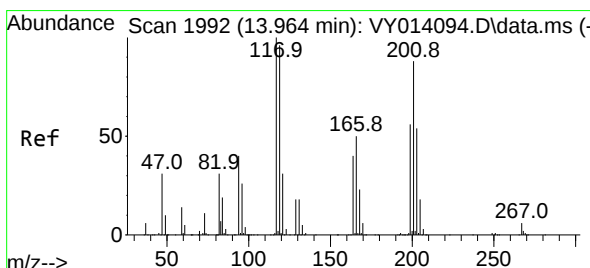
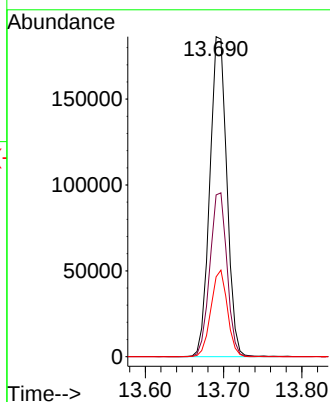
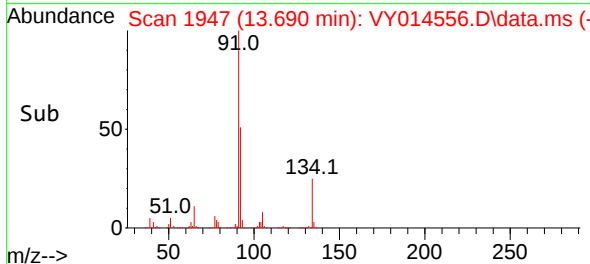
Instrument :
MSVOA_Y
ClientSampleId :
VY0703SBS01



Tgt Ion: 91 Resp: 28145
Ion Ratio Lower Upper
91 100
92 51.5 25.4 76.0
134 26.1 12.6 37.6

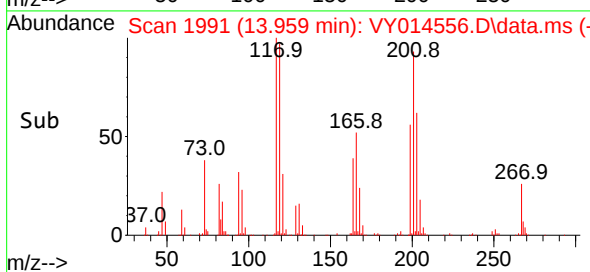
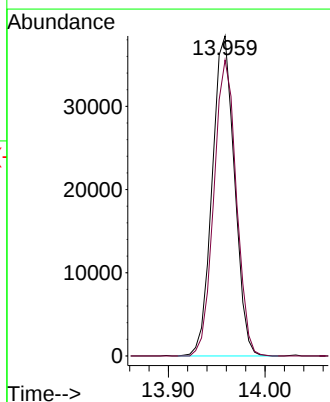
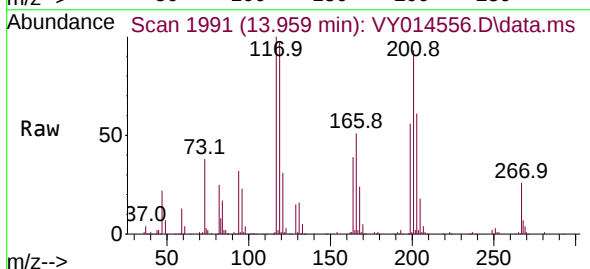
Manual Integrations
APPROVED

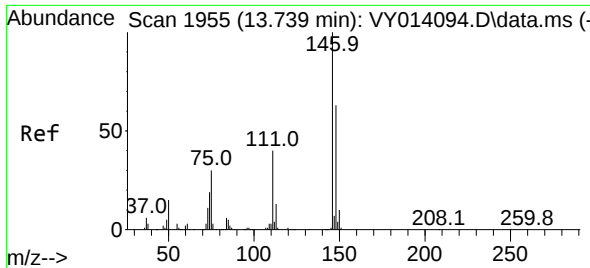
Reviewed By :John Carlone 07/06/2023
Supervised By :Mahesh Dadoda 07/06/2023



#90
Hexachloroethane
Concen: 21.590 ug/l
RT: 13.959 min Scan# 1991
Delta R.T. -0.005 min
Lab File: VY014556.D
Acq: 05 Jul 2023 14:20

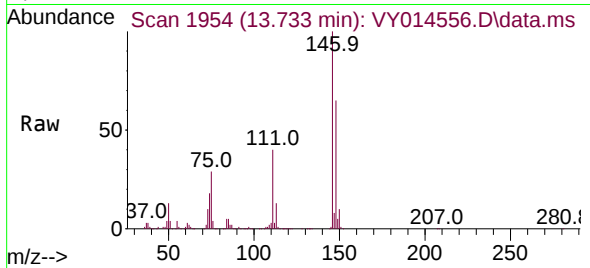
Tgt Ion:117 Resp: 61659
Ion Ratio Lower Upper
117 100
201 92.8 41.6 124.8





#91
1,2-Dichlorobenzene
Concen: 20.900 ug/l
RT: 13.733 min Scan# 1954
Delta R.T. -0.006 min
Lab File: VY014556.D
Acq: 05 Jul 2023 14:20

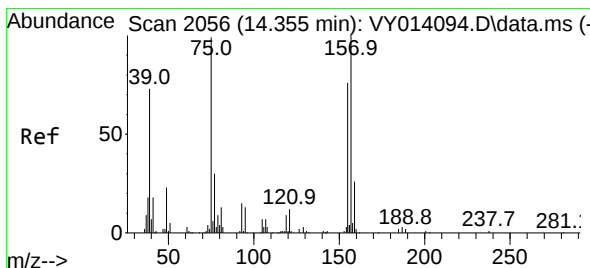
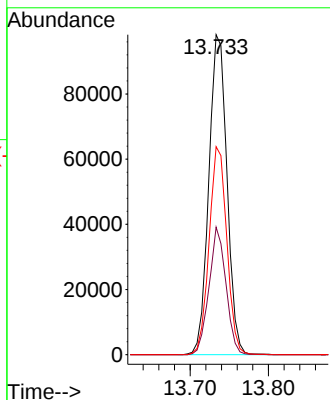
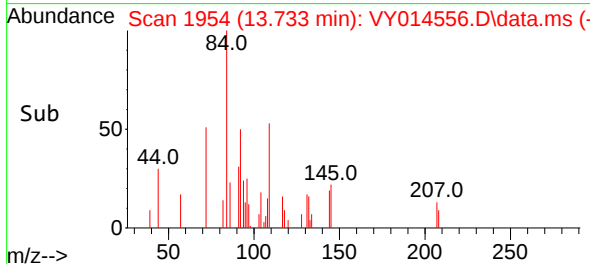
Instrument :
MSVOA_Y
ClientSampleId :
VY0703SBS01



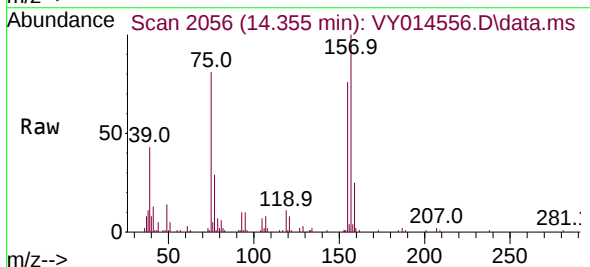
Tgt Ion:146 Resp: 157762
Ion Ratio Lower Upper
146 100
111 37.2 19.7 59.0
148 63.5 32.0 96.2

Manual Integrations
APPROVED

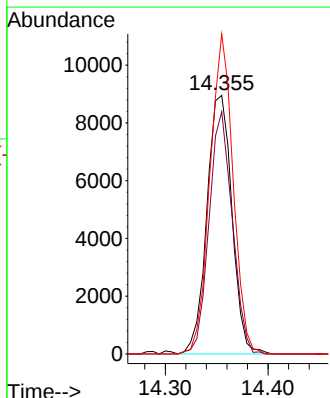
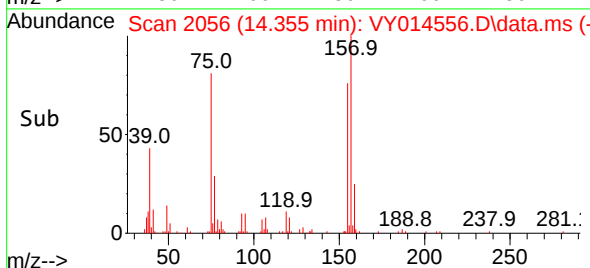
Reviewed By :John Carlone 07/06/2023
Supervised By :Mahesh Dadoda 07/06/2023

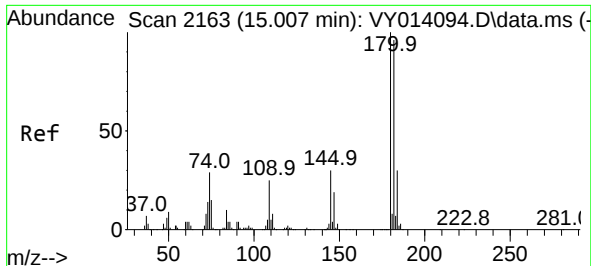


#92
1,2-Dibromo-3-Chloropropane
Concen: 20.682 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY014556.D
Acq: 05 Jul 2023 14:20



Tgt Ion: 75 Resp: 15163
Ion Ratio Lower Upper
75 100
155 86.9 41.5 124.6
157 114.3 51.8 155.5





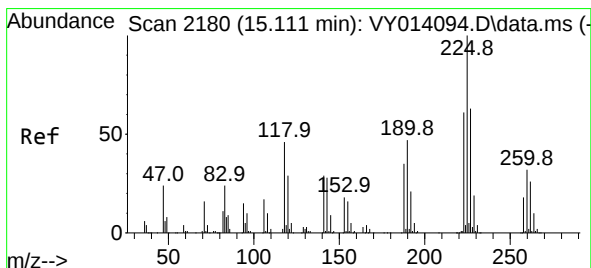
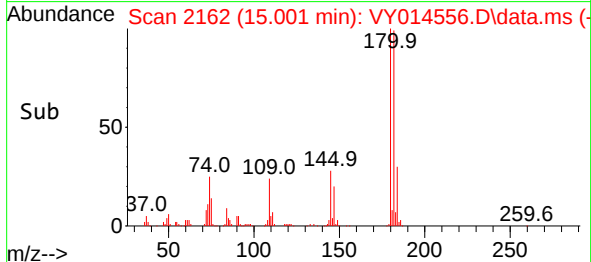
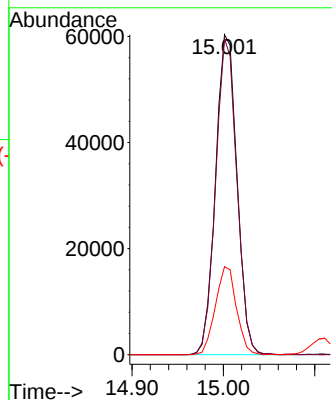
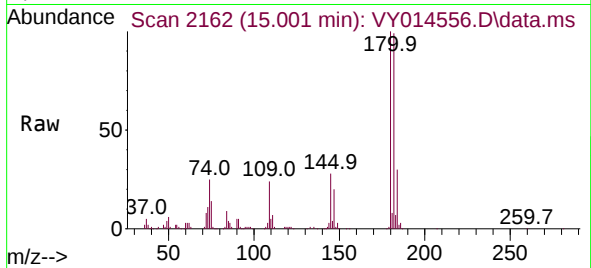
#93
1,2,4-Trichlorobenzene
Concen: 20.163 ug/l
RT: 15.001 min Scan# 2162
Delta R.T. -0.006 min
Lab File: VY014556.D
Acq: 05 Jul 2023 14:20

Instrument :
MSVOA_Y
ClientSampleId :
VY0703SBS01

Tgt Ion:180 Resp: 98302
Ion Ratio Lower Upper
180 100
182 97.6 47.0 141.2
145 27.0 14.5 43.5

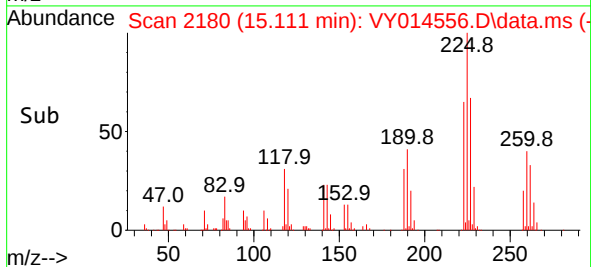
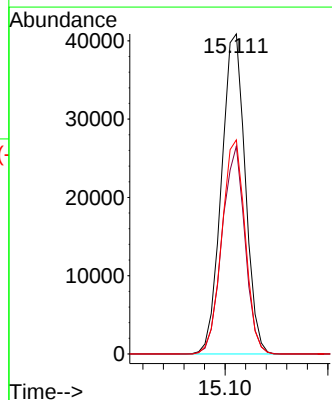
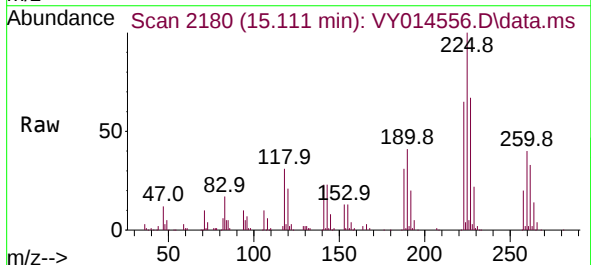
Manual Integrations
APPROVED

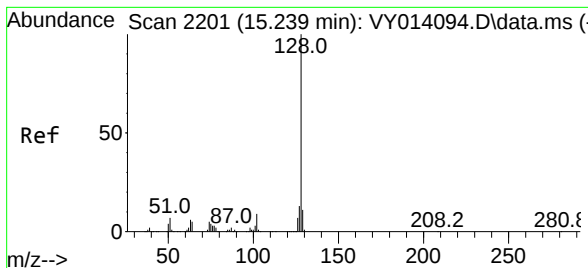
Reviewed By :John Carlone 07/06/2023
Supervised By :Mahesh Dadoda 07/06/2023



#94
Hexachlorobutadiene
Concen: 21.847 ug/l
RT: 15.111 min Scan# 2180
Delta R.T. -0.000 min
Lab File: VY014556.D
Acq: 05 Jul 2023 14:20

Tgt Ion:225 Resp: 65465
Ion Ratio Lower Upper
225 100
223 62.7 31.9 95.9
227 65.9 33.0 98.9





#95

Naphthalene

Concen: 19.334 ug/l

RT: 15.233 min Scan# 2201

Delta R.T. -0.006 min

Lab File: VY014556.D

Acq: 05 Jul 2023 14:20

Instrument :

MSVOA_Y

ClientSampleId :

VY0703SBSD01

Tgt Ion:128 Resp: 200548

Ion Ratio Lower Upper

128 100

127 13.3 10.8 16.2

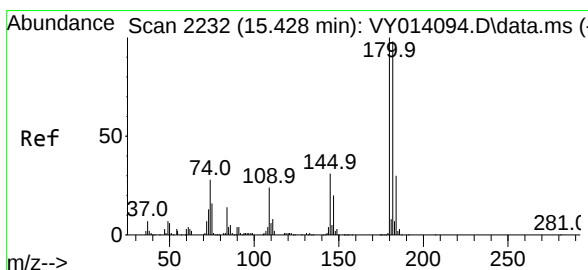
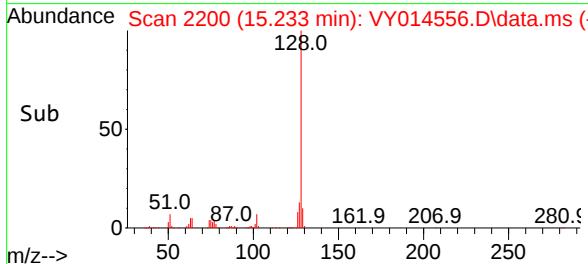
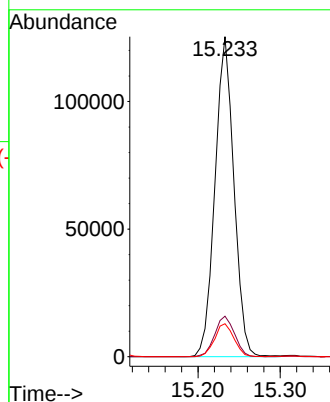
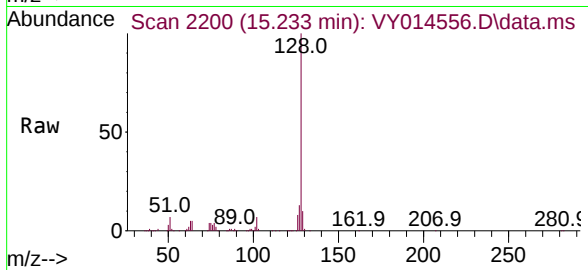
129 10.6 8.6 13.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/06/2023

Supervised By :Mahesh Dadoda 07/06/2023



#96

1,2,3-Trichlorobenzene

Concen: 20.721 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.006 min

Lab File: VY014556.D

Acq: 05 Jul 2023 14:20

Tgt Ion:180 Resp: 92047

Ion Ratio Lower Upper

180 100

182 95.2 47.3 141.8

145 28.4 15.4 46.2

