

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101722\
 Data File : VY010973.D
 Acq On : 17 Oct 2022 15:31
 Operator : KP/MD
 Sample : VSTDIC020
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 10/18/2022
 Supervised By :Mahesh Dadoda 10/19/2022

Quant Time: Oct 18 01:15:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101722S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 18 01:10:36 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	306718	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	503110	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	443255	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	210536	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	53515	18.941	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	37.880%#		
35) Dibromofluoromethane	7.710	113	55486	18.140	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	36.280%#		
50) Toluene-d8	10.179	98	206321	19.640	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	39.280%#		
62) 4-Bromofluorobenzene	12.483	95	70380	16.750	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	33.500%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	39602	19.465	ug/l	100
3) Chloromethane	2.113	50	58634	20.088	ug/l	95
4) Vinyl Chloride	2.247	62	67289	20.340	ug/l	99
5) Bromomethane	2.638	94	47017	20.548	ug/l	96
6) Chloroethane	2.790	64	44952	20.333	ug/l	99
7) Trichlorofluoromethane	3.119	101	97527	20.141	ug/l	94
8) Diethyl Ether	3.528	74	35863	19.847	ug/l	82
9) 1,1,2-Trichlorotrifluo...	3.893	101	61013	20.088	ug/l	94
10) Methyl Iodide	4.088	142	69953	18.822	ug/l	90
11) Tert butyl alcohol	4.948	59	37044	97.004	ug/l	100
12) 1,1-Dichloroethene	3.869	96	58094	19.966	ug/l	82
13) Acrolein	3.723	56	44827	98.418	ug/l	96
14) Allyl chloride	4.473	41	90428	19.598	ug/l #	88
15) Acrylonitrile	5.155	53	94019	99.818	ug/l	96
16) Acetone	3.942	43	85425	104.118	ug/l #	87
17) Carbon Disulfide	4.186	76	169829	19.910	ug/l	100
18) Methyl Acetate	4.473	43	50991	19.408	ug/l #	90
19) Methyl tert-butyl Ether	5.216	73	158905	19.547	ug/l	97
20) Methylene Chloride	4.710	84	85438	18.293	ug/l	85
21) trans-1,2-Dichloroethene	5.216	96	64396	19.605	ug/l	87
22) Diisopropyl ether	6.113	45	197998	20.037	ug/l	92
23) Vinyl Acetate	6.052	43	586505	99.253	ug/l #	93
24) 1,1-Dichloroethane	6.009	63	118656	19.888	ug/l	99
25) 2-Butanone	6.978	43	124804	100.304	ug/l #	85
26) 2,2-Dichloropropane	6.972	77	102416	19.330	ug/l	95
27) cis-1,2-Dichloroethene	6.978	96	74643	19.717	ug/l	90
28) Bromochloromethane	7.326	49	23751	12.772	ug/l	89
29) Tetrahydrofuran	7.344	42	77203	100.850	ug/l #	88
30) Chloroform	7.496	83	119056	19.795	ug/l	100
31) Cyclohexane	7.783	56	106935	19.779	ug/l #	86
32) 1,1,1-Trichloroethane	7.698	97	105187	19.897	ug/l	96
36) 1,1-Dichloropropene	7.911	75	92639	19.780	ug/l	99
37) Ethyl Acetate	7.070	43	50849	19.609	ug/l #	93
38) Carbon Tetrachloride	7.899	117	93912	19.425	ug/l	97
39) Methylcyclohexane	9.179	83	111527	19.881	ug/l	93
40) Benzene	8.155	78	270042	19.651	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.320	41	29724m	20.679	ug/l	
42) 1,2-Dichloroethane	8.234	62	73766	19.373	ug/l	90
43) Isopropyl Acetate	8.271	43	90194	19.468	ug/l #	89
44) Trichloroethene	8.935	130	73229	19.664	ug/l	97
45) 1,2-Dichloropropane	9.210	63	67474	19.352	ug/l	97
46) Dibromomethane	9.301	93	38098	19.591	ug/l	96
47) Bromodichloromethane	9.496	83	89756	19.153	ug/l	98
48) Methyl methacrylate	9.289	41	39795	19.193	ug/l #	78
49) 1,4-Dioxane	9.295	88	10936	391.401	ug/l #	82
51) 4-Methyl-2-Pentanone	10.069	43	254382	98.456	ug/l	89
52) Toluene	10.240	92	169546	19.860	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	94975	19.508	ug/l	100
54) cis-1,3-Dichloropropene	9.923	75	107969	19.380	ug/l #	83
55) 1,1,2-Trichloroethane	10.642	97	54521	19.434	ug/l	98
56) Ethyl methacrylate	10.508	69	71734	19.252	ug/l #	77
57) 1,3-Dichloropropane	10.789	76	92959	19.272	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.783	63	123666	74.887	ug/l	97
59) 2-Hexanone	10.831	43	177863	100.216	ug/l	87
60) Dibromochloromethane	10.984	129	64398	19.304	ug/l	100
61) 1,2-Dibromoethane	11.087	107	52404	19.506	ug/l	98
64) Tetrachloroethene	10.715	164	67647	19.605	ug/l	97
65) Chlorobenzene	11.514	112	180417	19.826	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	66293	19.681	ug/l	97
67) Ethyl Benzene	11.593	91	319215	19.828	ug/l	99
68) m/p-Xylenes	11.703	106	246939	39.873	ug/l	95
69) o-Xylene	12.026	106	116281	19.773	ug/l	94
70) Styrene	12.044	104	198521	19.923	ug/l	95
71) Bromoform	12.209	173	40572	19.517	ug/l #	98
73) Isopropylbenzene	12.331	105	311408	20.359	ug/l	99
74) N-amyl acetate	12.142	43	75949	19.570	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	12.581	83	64483	20.087	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	48994m	20.088	ug/l	
77) Bromobenzene	12.605	156	72114	20.169	ug/l	99
78) n-propylbenzene	12.672	91	382428	20.549	ug/l	99
79) 2-Chlorotoluene	12.758	91	212042	20.232	ug/l	99
80) 1,3,5-Trimethylbenzene	12.813	105	263616	20.656	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	22086	19.873	ug/l	86
82) 4-Chlorotoluene	12.855	91	222324	20.374	ug/l	99
83) tert-Butylbenzene	13.075	119	225716	20.453	ug/l	94
84) 1,2,4-Trimethylbenzene	13.117	105	259223	20.598	ug/l	99
85) sec-Butylbenzene	13.251	105	339846	20.493	ug/l	99
86) p-Isopropyltoluene	13.367	119	280866	20.416	ug/l	97
87) 1,3-Dichlorobenzene	13.367	146	143068	20.050	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	141738	19.978	ug/l	99
89) n-Butylbenzene	13.697	91	261300	20.325	ug/l	99
90) Hexachloroethane	13.959	117	54739	20.161	ug/l	90
91) 1,2-Dichlorobenzene	13.739	146	128656	20.152	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	10327	19.457	ug/l	86
93) 1,2,4-Trichlorobenzene	15.007	180	75147	19.695	ug/l	99
94) Hexachlorobutadiene	15.111	225	44957	20.017	ug/l	99
95) Naphthalene	15.239	128	152872	19.673	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	65821	19.774	ug/l	99

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

Manual Integrations

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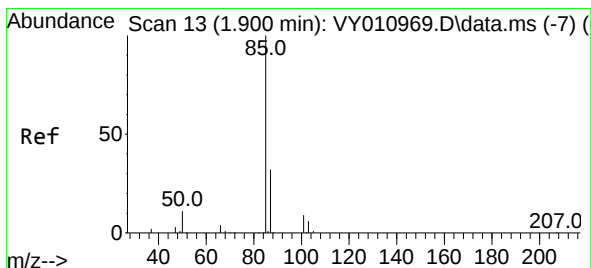
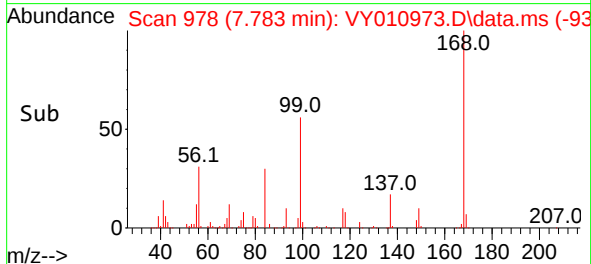
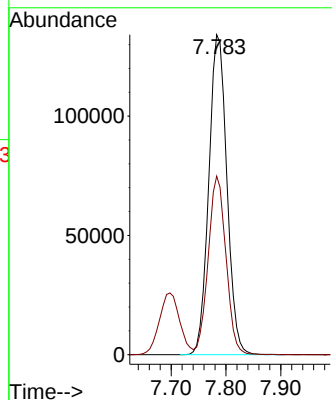
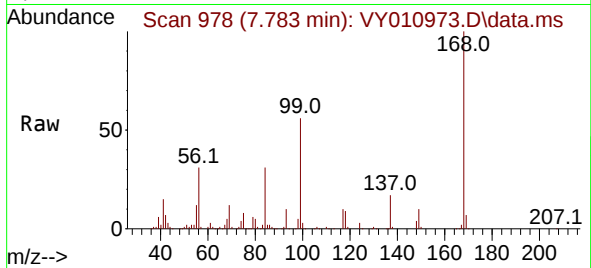
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY010973.D
Acq: 17 Oct 2022 15:31

Instrument :
MSVOA_Y
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Tgt Ion:168 Resp: 306718
Ion Ratio Lower Upper
168 100
99 55.8 46.9 70.3

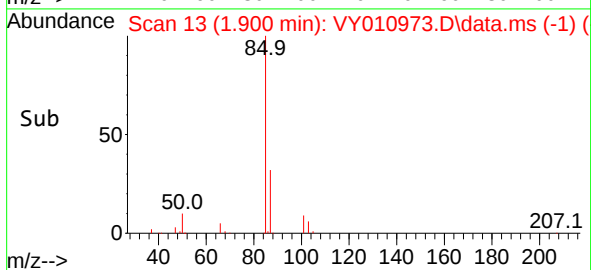
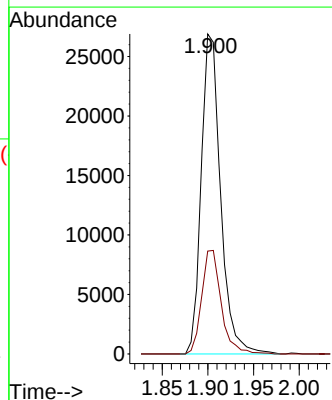
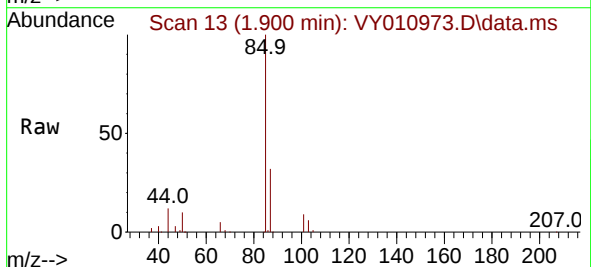
Manual Integrations
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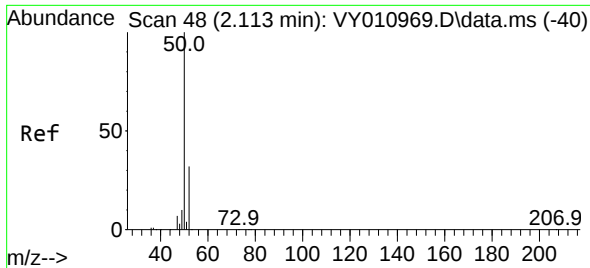
Reviewed By :Krupa Patel 10/18/2022
Supervised By :Mahesh Dadoda 10/19/2022



#2
Dichlorodifluoromethane
Concen: 19.465 ug/l
RT: 1.900 min Scan# 13
Delta R.T. 0.000 min
Lab File: VY010973.D
Acq: 17 Oct 2022 15:31

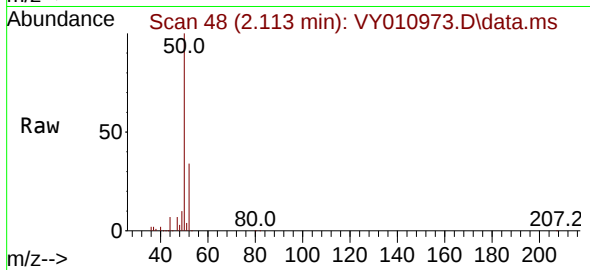
Tgt Ion: 85 Resp: 39602
Ion Ratio Lower Upper
85 100
87 32.2 16.1 48.2





#3
Chloromethane
Concen: 20.088 ug/l
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY010973.D
Acq: 17 Oct 2022 15:31

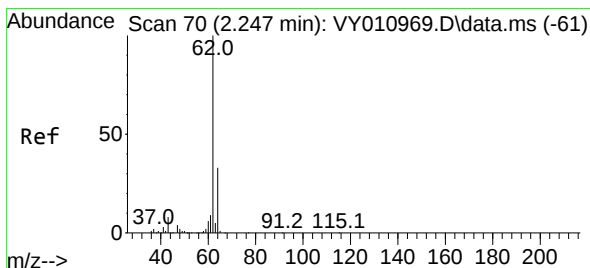
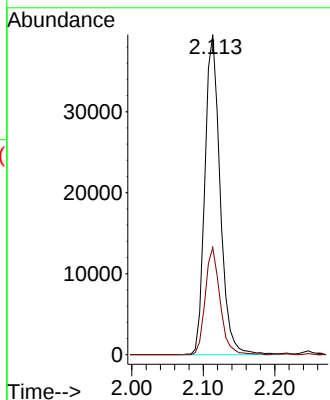
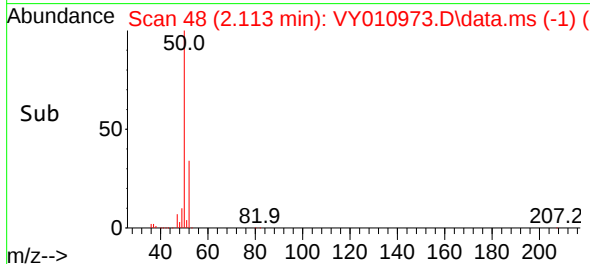
Instrument :
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VSTDICC020



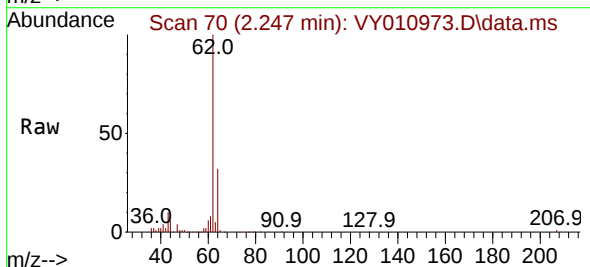
Tgt Ion: 50 Resp: 58634
Ion Ratio Lower Upper
50 100
52 33.5 24.6 37.0

Manual Integrations
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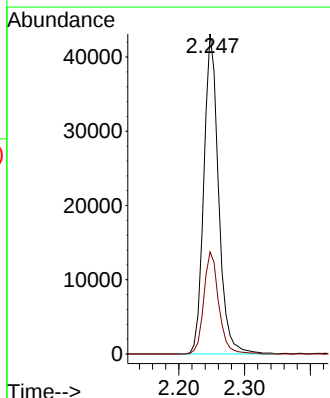
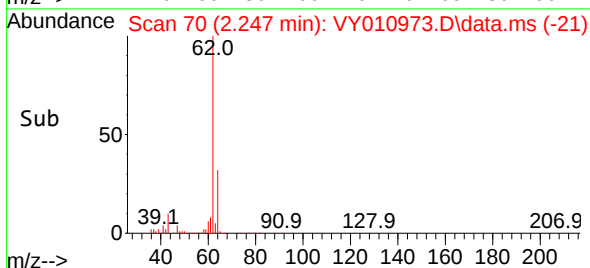
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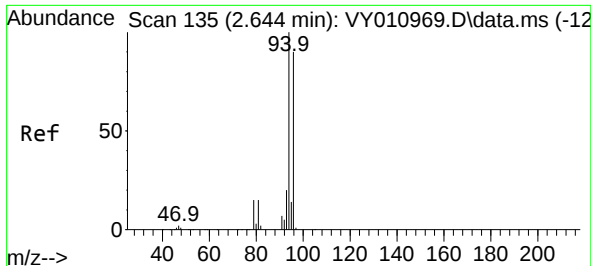


#4
Vinyl Chloride
Concen: 20.340 ug/l
RT: 2.247 min Scan# 70
Delta R.T. 0.000 min
Lab File: VY010973.D
Acq: 17 Oct 2022 15:31



Tgt Ion: 62 Resp: 67289
Ion Ratio Lower Upper
62 100
64 31.8 25.0 37.6





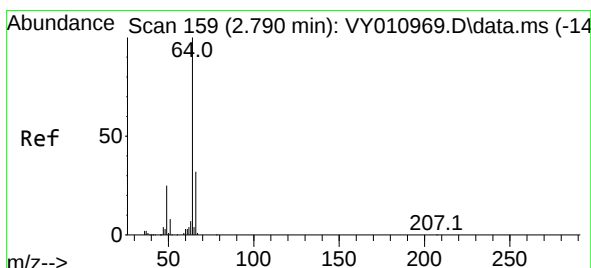
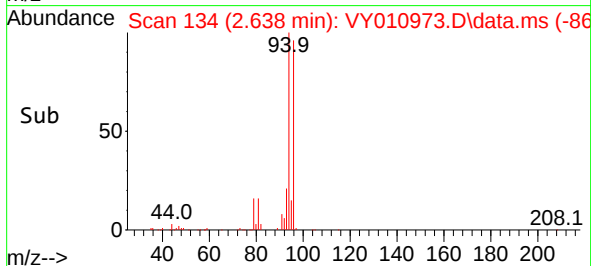
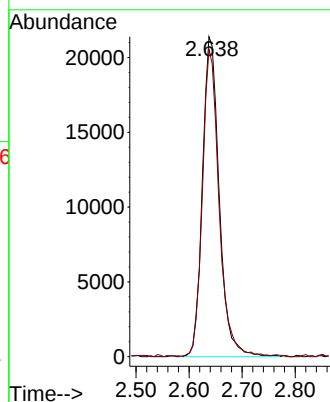
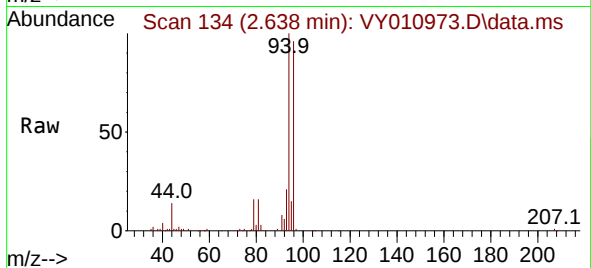
#5
Bromomethane
Concen: 20.548 ug/l
RT: 2.638 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY010973.D
Acq: 17 Oct 2022 15:31

Instrument :
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ClientSampleId :
VSTDIC020

Tgt Ion: 94 Resp: 4701
Ion Ratio Lower Upper
94 100
96 95.8 73.5 110.3

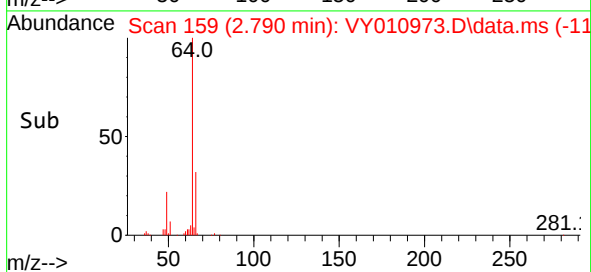
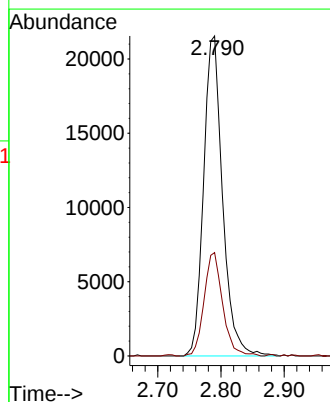
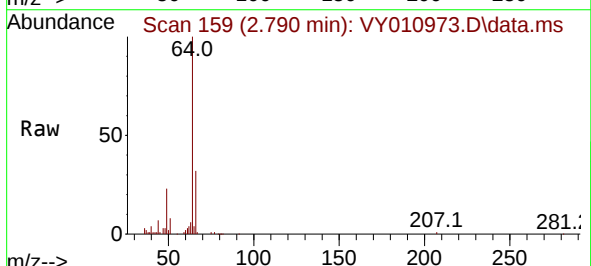
Manual Integrations
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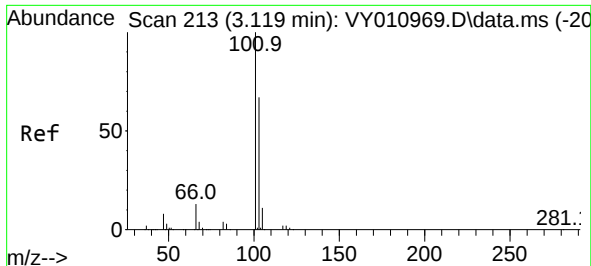
Reviewed By :Krupa Patel 10/18/2022
Supervised By :Mahesh Dadoda 10/19/2022



#6
Chloroethane
Concen: 20.333 ug/l
RT: 2.790 min Scan# 159
Delta R.T. 0.000 min
Lab File: VY010973.D
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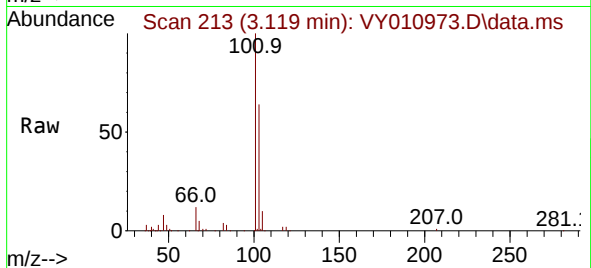
Tgt Ion: 64 Resp: 44952
Ion Ratio Lower Upper
64 100
66 32.3 25.4 38.0





#7
Trichlorofluoromethane
Concen: 20.141 ug/l
RT: 3.119 min Scan# 213
Delta R.T. 0.000 min
Lab File: VY010973.D
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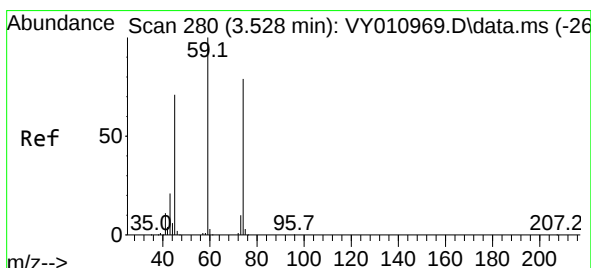
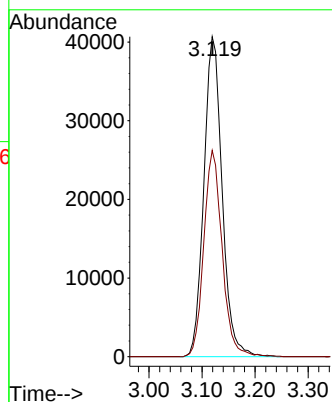
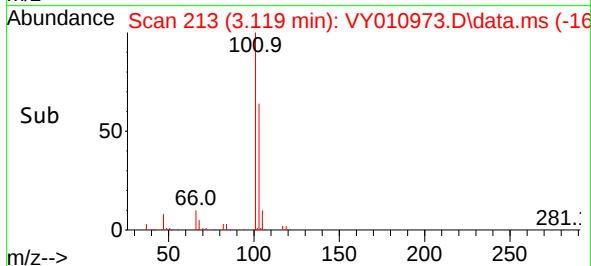
Instrument :
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Tgt Ion:101 Resp: 9752
Ion Ratio Lower Upper
101 100
103 64.4 48.0 72.0

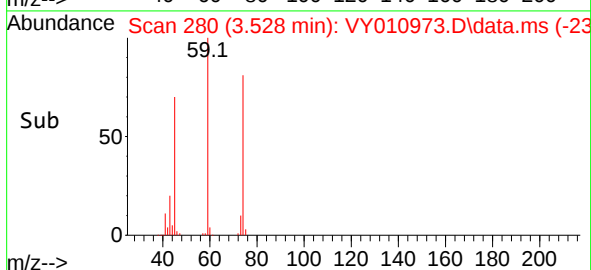
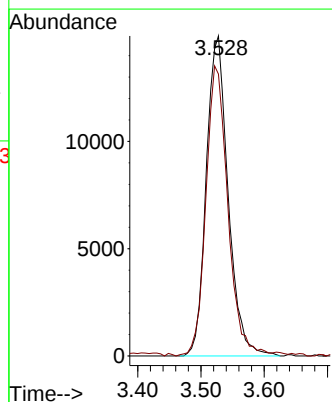
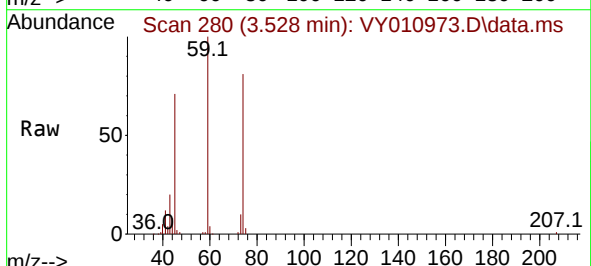
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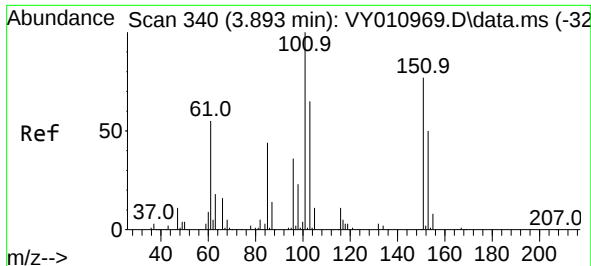
Reviewed By :Krupa Patel 10/18/2022
Supervised By :Mahesh Dadoda 10/19/2022



#8
Diethyl Ether
Concen: 19.847 ug/l
RT: 3.528 min Scan# 280
Delta R.T. 0.000 min
Lab File: VY010973.D
Acq: 17 Oct 2022 15:31

Tgt Ion: 74 Resp: 35863
Ion Ratio Lower Upper
74 100
45 91.3 55.1 165.5





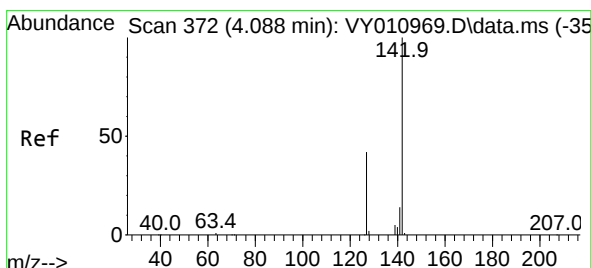
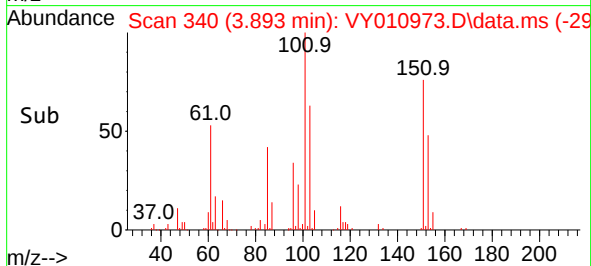
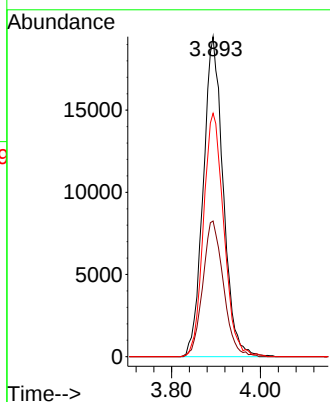
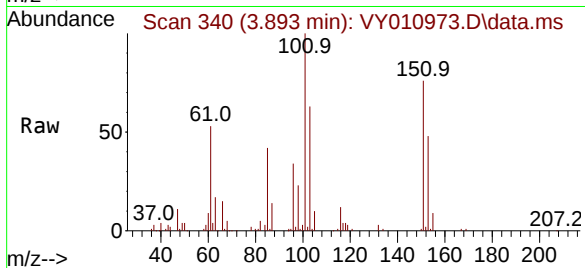
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.088 ug/l
RT: 3.893 min Scan# 340
Delta R.T. 0.000 min
Lab File: VY010973.D
Acq: 17 Oct 2022 15:31

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion:101 Resp: 6101
Ion Ratio Lower Upper
101 100
85 43.6 40.6 60.8
151 77.5 64.9 97.3

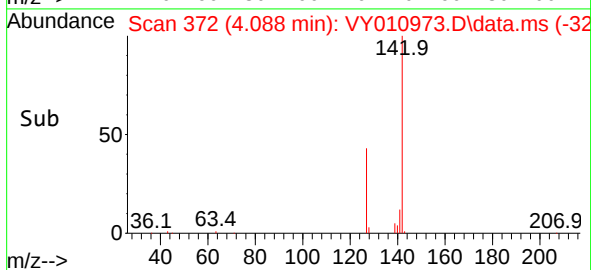
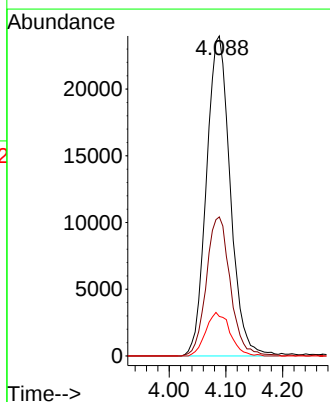
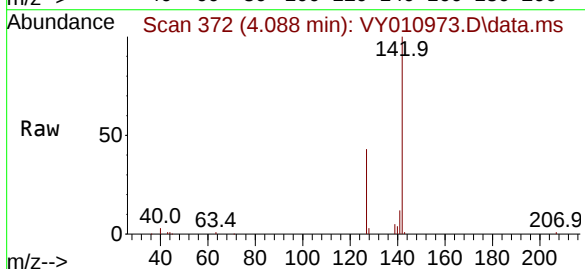
Manual Integrations
APPROVED

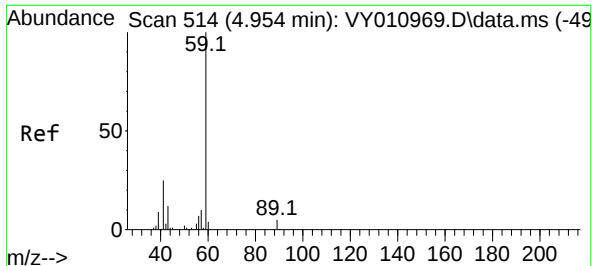
Reviewed By :Krupa Patel 10/18/2022
Supervised By :Mahesh Dadoda 10/19/2022



#10
Methyl Iodide
Concen: 18.822 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.000 min
Lab File: VY010973.D
Acq: 17 Oct 2022 15:31

Tgt Ion:142 Resp: 69953
Ion Ratio Lower Upper
142 100
127 43.7 41.5 62.3
141 13.9 11.9 17.9





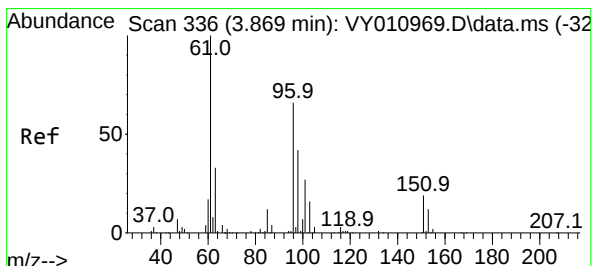
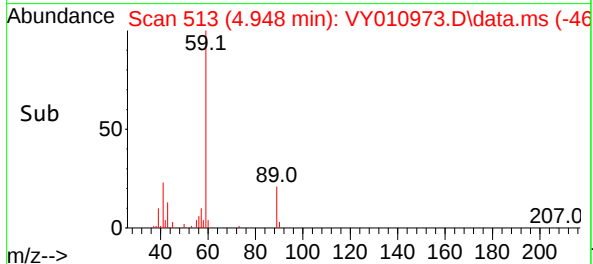
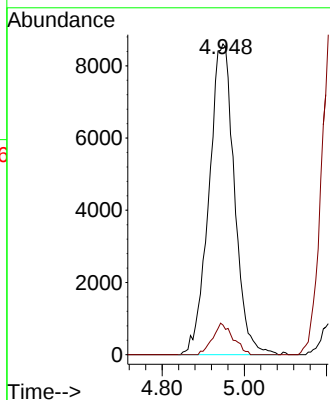
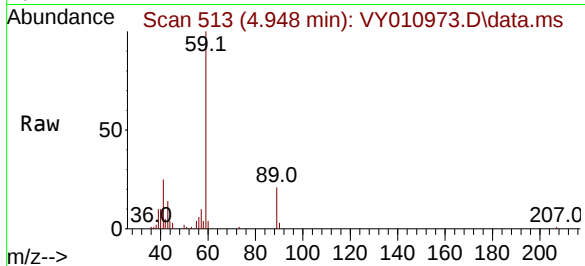
#11
Tert butyl alcohol
Concen: 97.004 ug/l
RT: 4.948 min Scan# 514
Delta R.T. -0.006 min
Lab File: VY010973.D
Acq: 17 Oct 2022 15:31

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 59 Resp: 37044
Ion Ratio Lower Upper
59 100
57 8.1 6.4 9.6

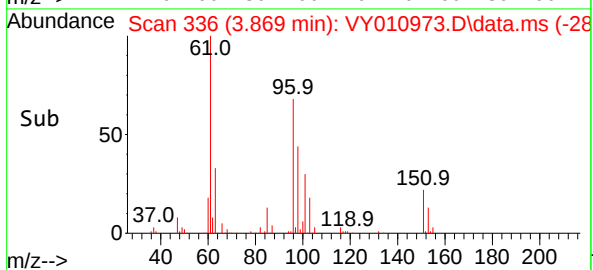
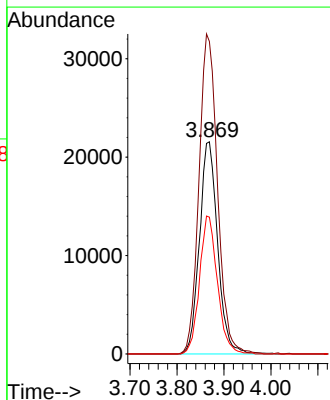
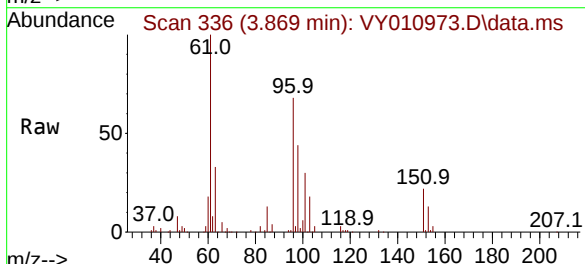
Manual Integrations
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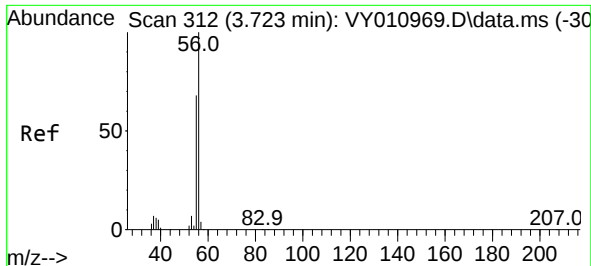
Reviewed By :Krupa Patel 10/18/2022
Supervised By :Mahesh Dadoda 10/19/2022



#12
1,1-Dichloroethene
Concen: 19.966 ug/l
RT: 3.869 min Scan# 336
Delta R.T. 0.000 min
Lab File: VY010973.D
Acq: 17 Oct 2022 15:31

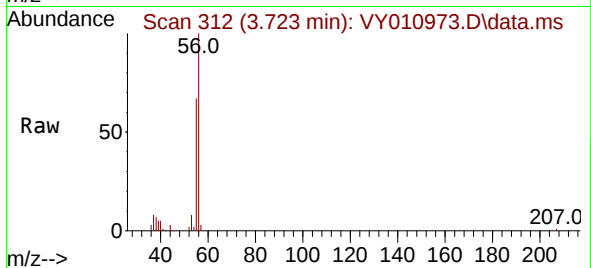
Tgt Ion: 96 Resp: 58094
Ion Ratio Lower Upper
96 100
61 147.3 145.8 218.6
98 64.5 52.5 78.7





#13
Acrolein
Concen: 98.418 ug/l
RT: 3.723 min Scan# 312
Delta R.T. 0.000 min
Lab File: VY010973.D
Acq: 17 Oct 2022 15:31

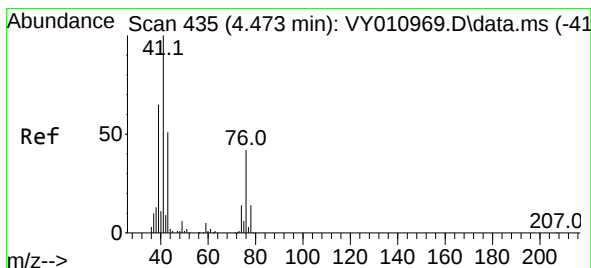
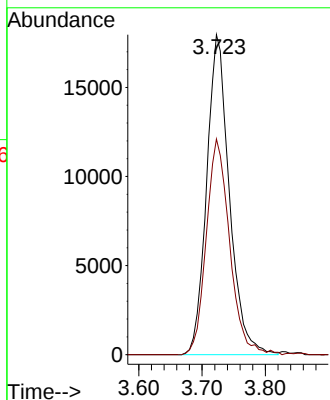
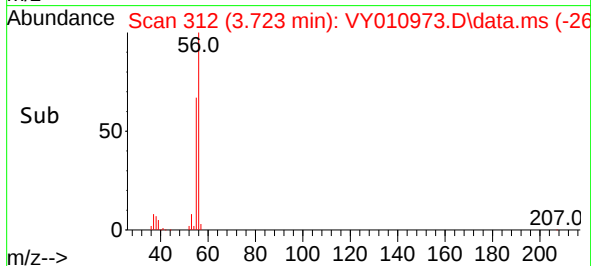
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



Tgt Ion: 56 Resp: 4482
Ion Ratio Lower Upper
56 100
55 69.0 57.6 86.4

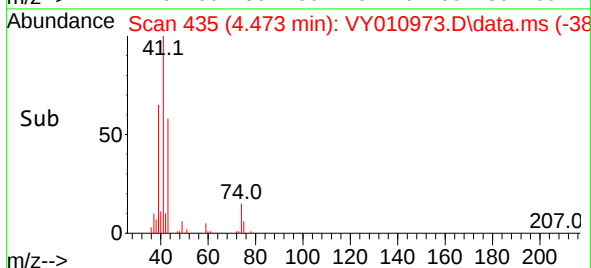
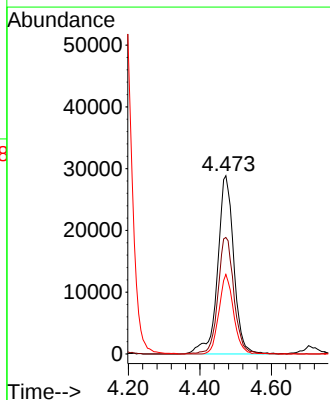
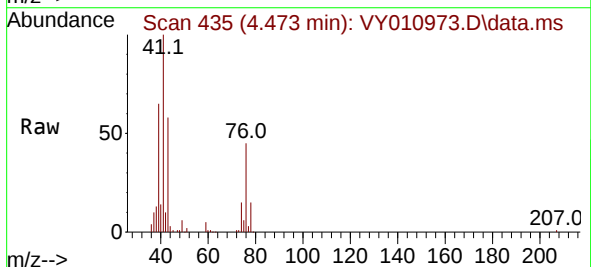
Manual Integrations
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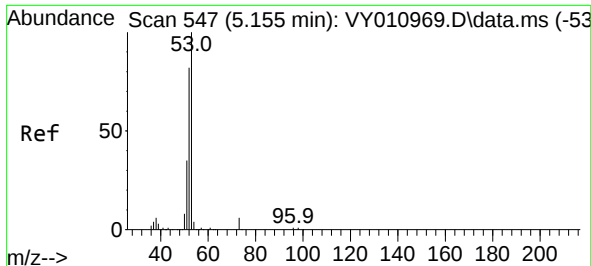
Reviewed By :Krupa Patel 10/18/2022
Supervised By :Mahesh Dadoda 10/19/2022



#14
Allyl chloride
Concen: 19.598 ug/l
RT: 4.473 min Scan# 435
Delta R.T. 0.000 min
Lab File: VY010973.D
Acq: 17 Oct 2022 15:31

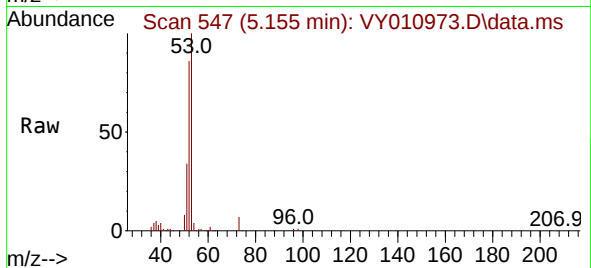
Tgt Ion: 41 Resp: 90428
Ion Ratio Lower Upper
41 100
39 64.7 58.8 88.2
76 40.3 25.1 37.7#





#15
Acrylonitrile
Concen: 99.818 ug/l
RT: 5.155 min Scan# 547
Delta R.T. 0.000 min
Lab File: VY010973.D
Acq: 17 Oct 2022 15:31

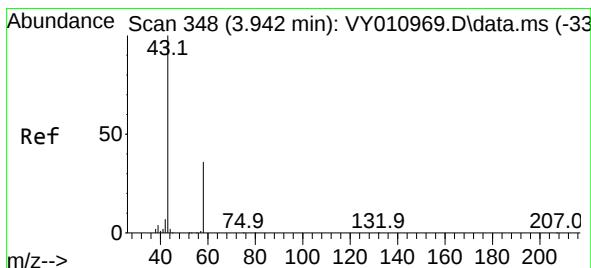
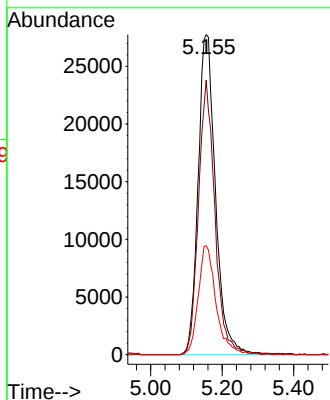
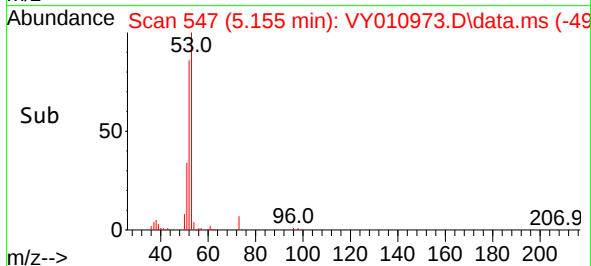
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



Tgt Ion: 53 Resp: 94019
Ion Ratio Lower Upper
53 100
52 80.4 67.0 100.4
51 34.7 29.8 44.6

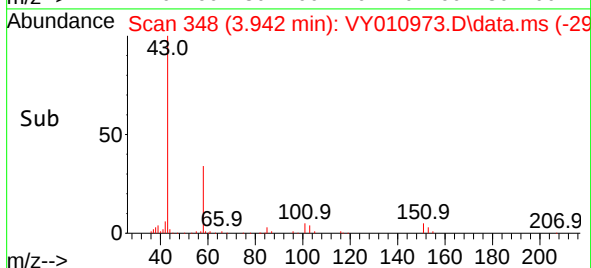
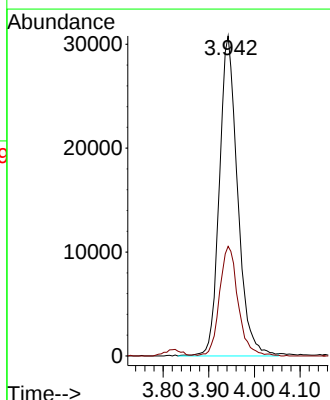
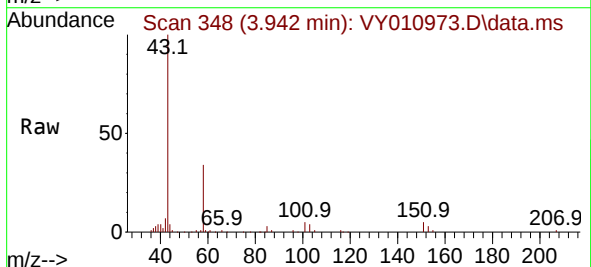
Manual Integrations
APPROVED

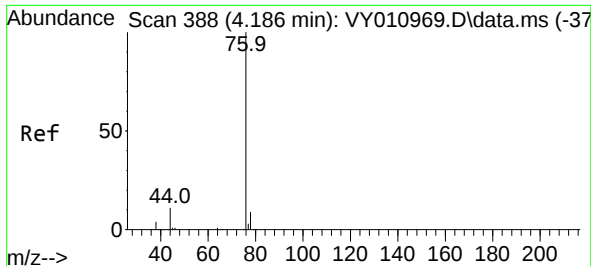
Reviewed By :Krupa Patel 10/18/2022
Supervised By :Mahesh Dadoda 10/19/2022



#16
Acetone
Concen: 104.118 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY010973.D
Acq: 17 Oct 2022 15:31

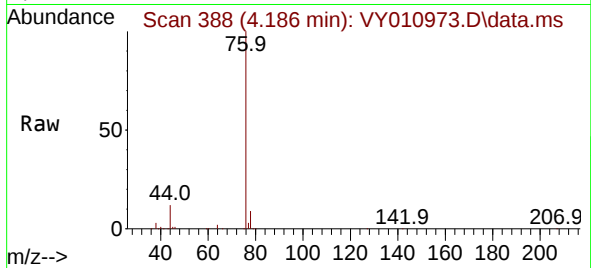
Tgt Ion: 43 Resp: 85425
Ion Ratio Lower Upper
43 100
58 34.0 22.0 33.0#





#17
Carbon Disulfide
Concen: 19.910 ug/l
RT: 4.186 min Scan# 388
Delta R.T. 0.000 min
Lab File: VY010973.D
Acq: 17 Oct 2022 15:31

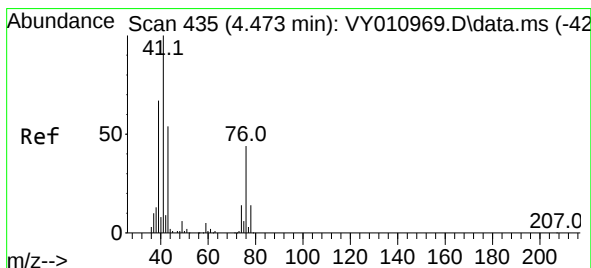
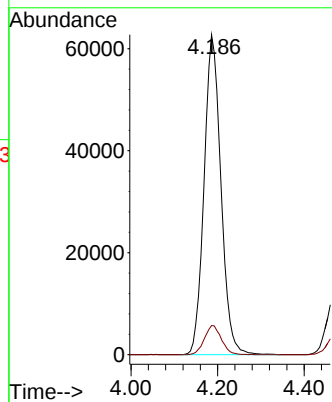
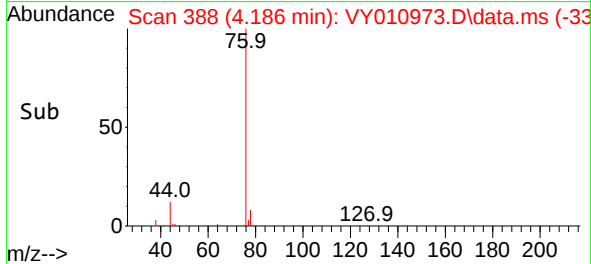
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



Tgt Ion: 76 Resp: 169829
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.0

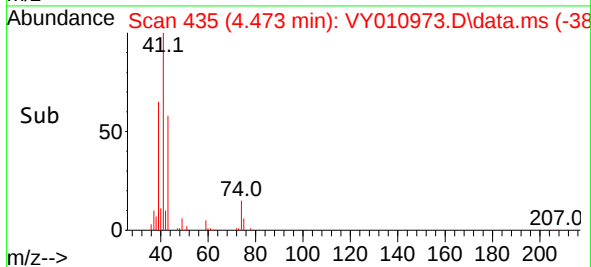
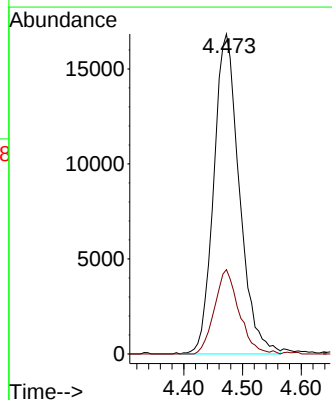
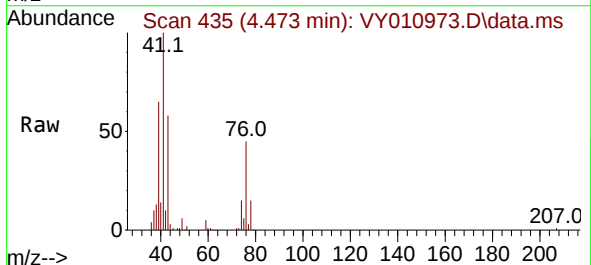
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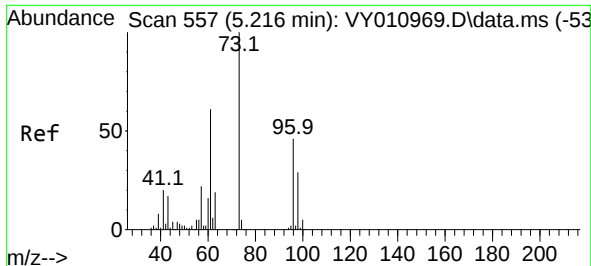
Reviewed By :Krupa Patel 10/18/2022
Supervised By :Mahesh Dadoda 10/19/2022



#18
Methyl Acetate
Concen: 19.408 ug/l
RT: 4.473 min Scan# 435
Delta R.T. 0.000 min
Lab File: VY010973.D
Acq: 17 Oct 2022 15:31

Tgt Ion: 43 Resp: 50991
Ion Ratio Lower Upper
43 100
74 25.3 16.6 24.8





#19

Methyl tert-butyl Ether

Concen: 19.547 ug/l

RT: 5.216 min Scan# 557

Delta R.T. 0.000 min

Lab File: VY010973.D

Acq: 17 Oct 2022 15:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

Tgt Ion: 73 Resp: 15890

Ion Ratio Lower Upper

73 100

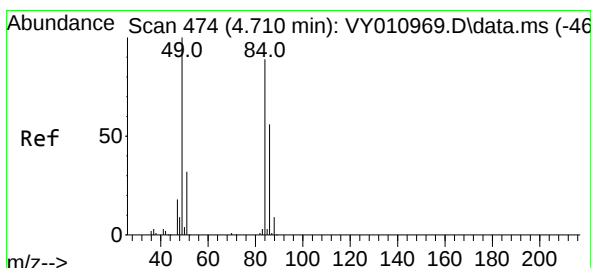
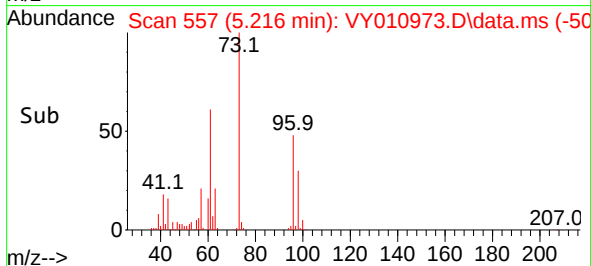
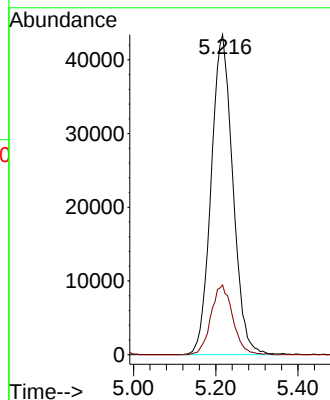
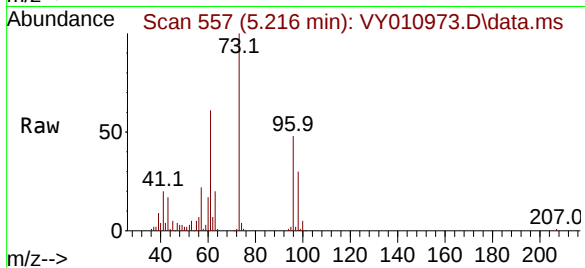
57 21.8 18.6 27.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 10/18/2022

Supervised By :Mahesh Dadoda 10/19/2022



#20

Methylene Chloride

Concen: 18.293 ug/l

RT: 4.710 min Scan# 474

Delta R.T. 0.000 min

Lab File: VY010973.D

Acq: 17 Oct 2022 15:31

Tgt Ion: 84 Resp: 85438

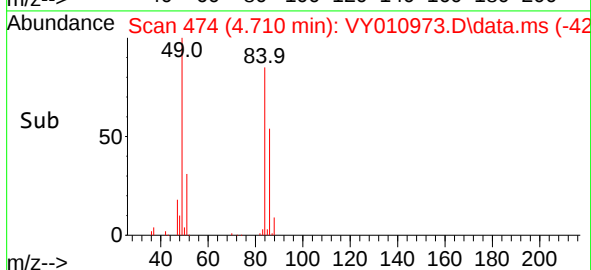
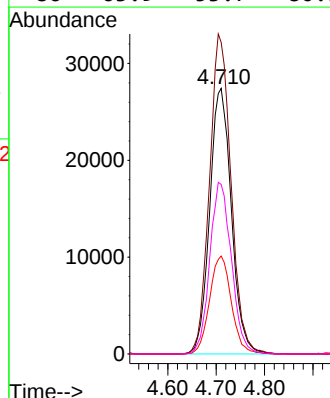
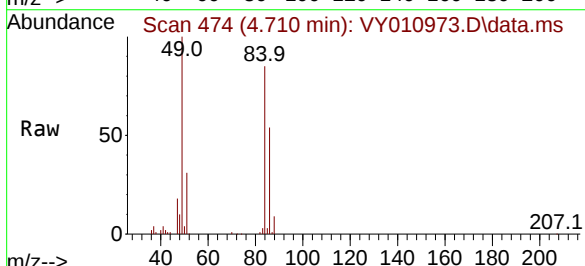
Ion Ratio Lower Upper

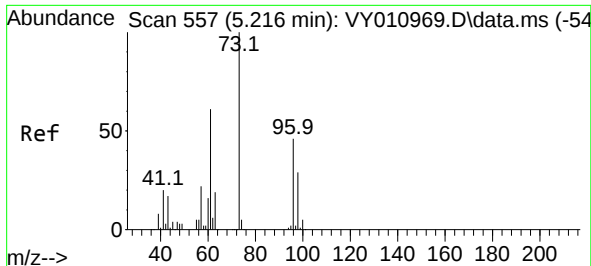
84 100

49 117.4 114.4 171.6

51 36.9 35.3 52.9

86 63.9 53.7 80.5





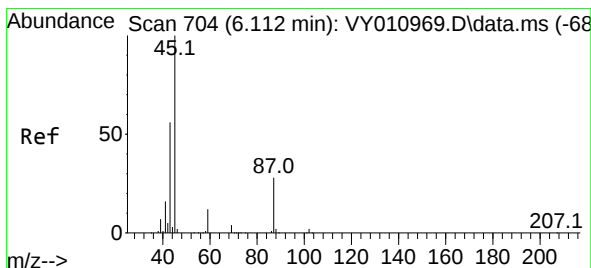
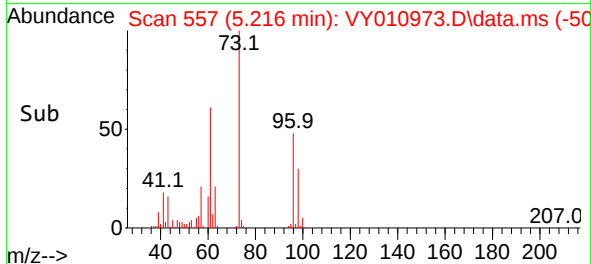
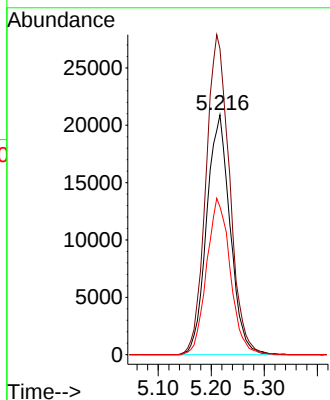
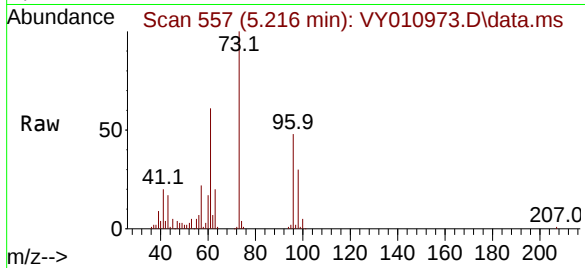
#21
trans-1,2-Dichloroethene
Concen: 19.605 ug/l
RT: 5.216 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY010973.D
Acq: 17 Oct 2022 15:31

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion: 96 Resp: 64390
Ion Ratio Lower Upper
96 100
61 127.5 120.5 180.7
98 61.6 49.8 74.8

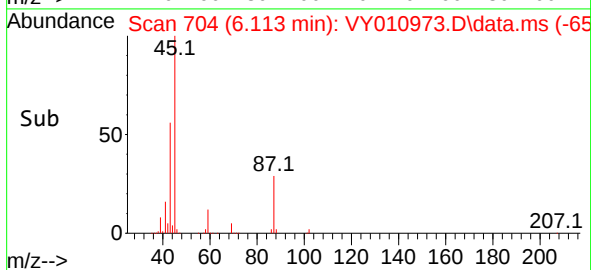
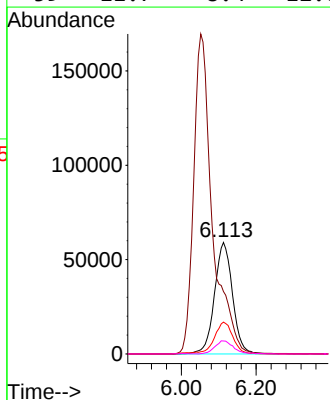
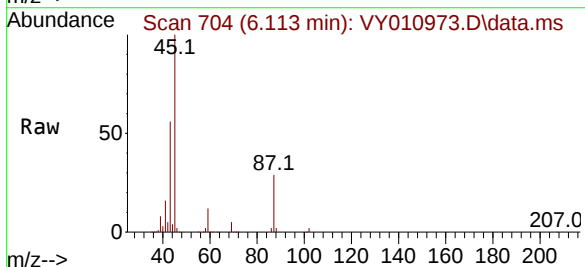
Manual Integrations
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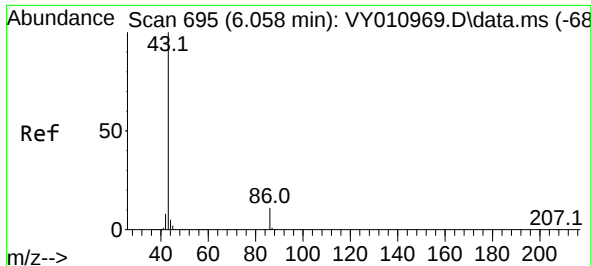
Reviewed By :Krupa Patel 10/18/2022
Supervised By :Mahesh Dadoda 10/19/2022



#22
Diisopropyl ether
Concen: 20.037 ug/l
RT: 6.113 min Scan# 704
Delta R.T. 0.000 min
Lab File: VY010973.D
Acq: 17 Oct 2022 15:31

Tgt Ion: 45 Resp: 197998
Ion Ratio Lower Upper
45 100
43 55.5 49.3 73.9
87 28.5 19.2 28.8
59 11.7 8.4 12.6





#23
 Vinyl Acetate
 Concen: 99.253 ug/l
 RT: 6.052 min Scan# 694
 Delta R.T. -0.006 min
 Lab File: VY010973.D
 Acq: 17 Oct 2022 15:31

Instrument :

MSVOA_Y

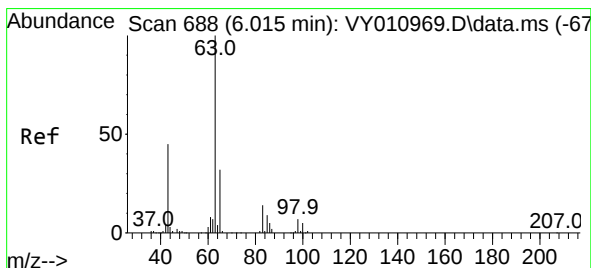
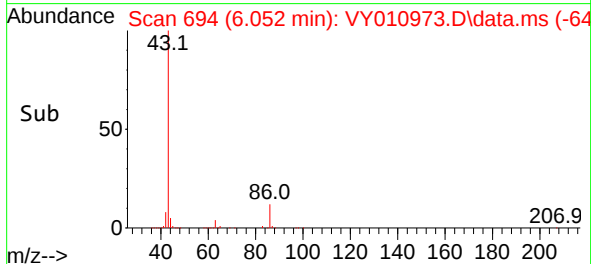
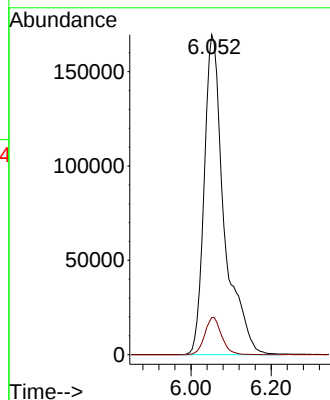
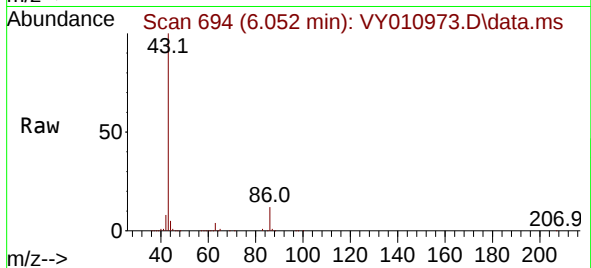
ClientSampleId :

VSTDICC020

Tgt Ion: 43 Resp: 58650
 Ion Ratio Lower Upper
 43 100
 86 11.6 7.1 10.7

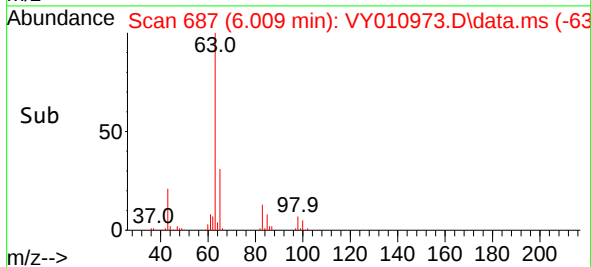
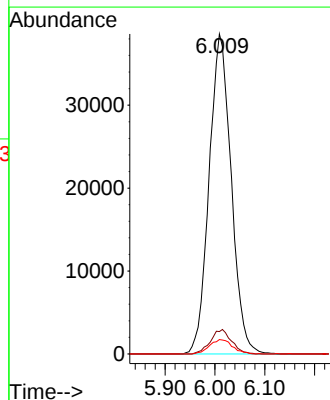
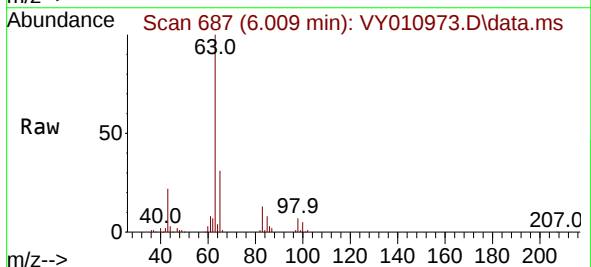
Manual Integrations
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Reviewed By :Krupa Patel 10/18/2022
 Supervised By :Mahesh Dadoda 10/19/2022



#24
 1,1-Dichloroethane
 Concen: 19.888 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. -0.006 min
 Lab File: VY010973.D
 Acq: 17 Oct 2022 15:31

Tgt Ion: 63 Resp: 118656
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.6 10.8
 100 4.5 2.0 5.8





#25

2-Butanone

Concen: 100.304 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY010973.D

Acq: 17 Oct 2022 15:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

Tgt Ion: 43 Resp: 124804

Ion Ratio Lower Upper

43 100

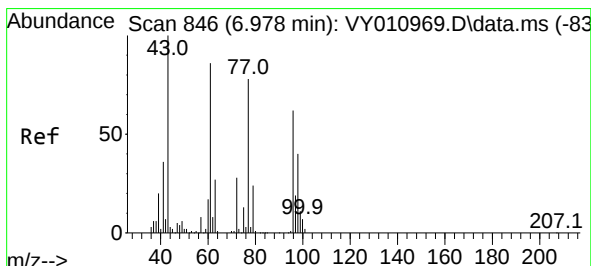
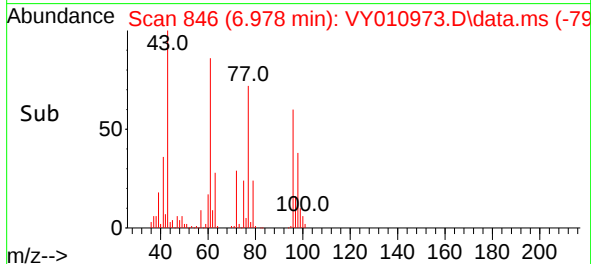
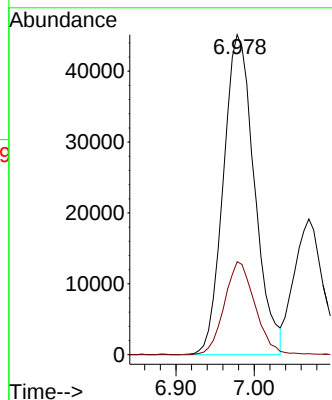
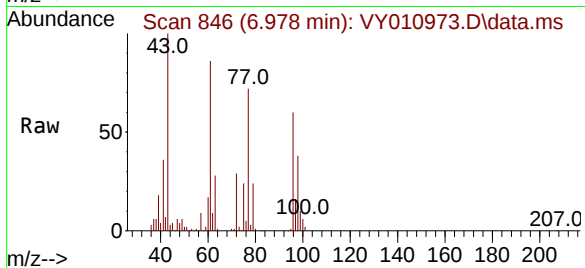
72 29.1 17.7 26.5

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 10/18/2022

Supervised By :Mahesh Dadoda 10/19/2022



#26

2,2-Dichloropropane

Concen: 19.330 ug/l

RT: 6.972 min Scan# 845

Delta R.T. -0.006 min

Lab File: VY010973.D

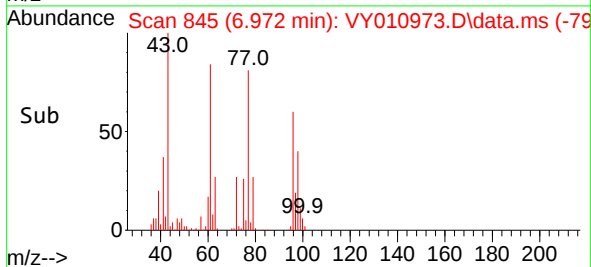
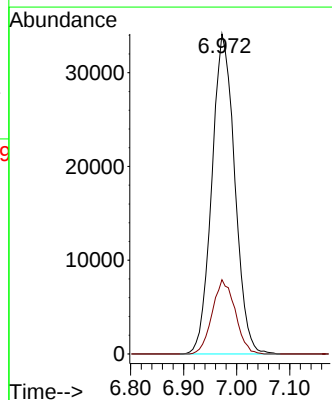
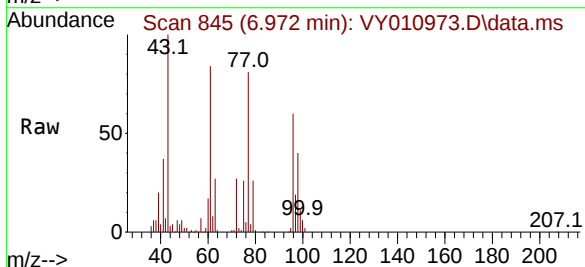
Acq: 17 Oct 2022 15:31

Tgt Ion: 77 Resp: 102416

Ion Ratio Lower Upper

77 100

97 23.2 10.4 31.4





#27

cis-1,2-Dichloroethene

Concen: 19.717 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY010973.D

Acq: 17 Oct 2022 15:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

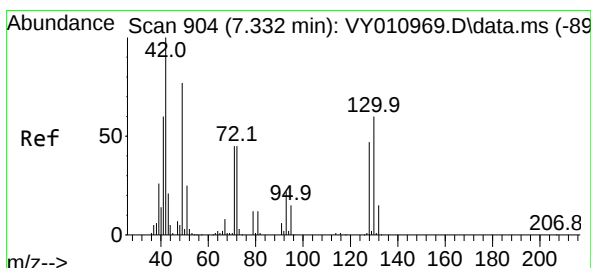
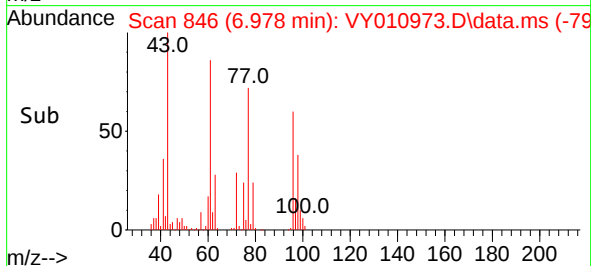
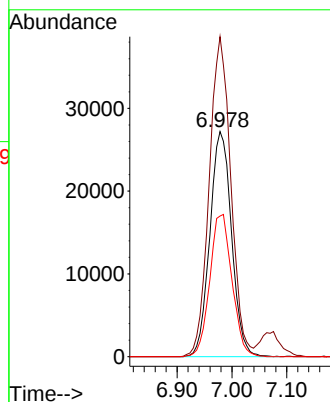
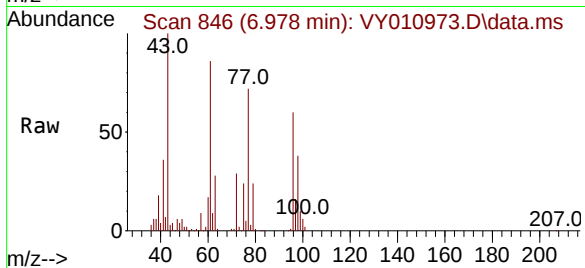
Tgt Ion:	96	Resp:	7464
Ion Ratio	Lower	Upper	
96	100		
61	141.8	0.0	319.8
98	64.7	0.0	127.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 10/18/2022

Supervised By :Mahesh Dadoda 10/19/2022



#28

Bromochloromethane

Concen: 12.772 ug/l

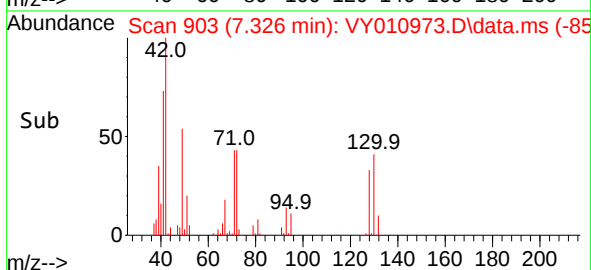
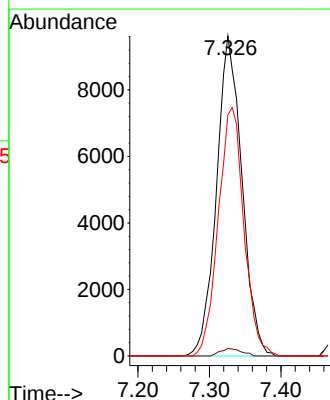
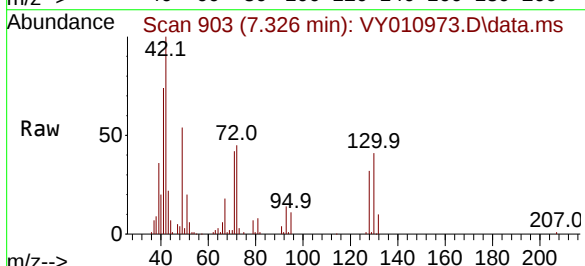
RT: 7.326 min Scan# 903

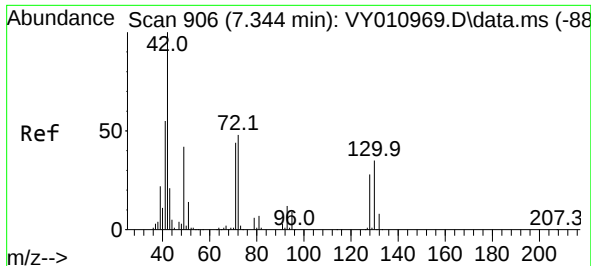
Delta R.T. -0.006 min

Lab File: VY010973.D

Acq: 17 Oct 2022 15:31

Tgt Ion:	49	Resp:	23751
Ion Ratio	Lower	Upper	
49	100		
129	1.9	0.0	2.2
130	78.3	55.4	83.0





#29

Tetrahydrofuran

Concen: 100.850 ug/l

RT: 7.344 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY010973.D

Acq: 17 Oct 2022 15:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

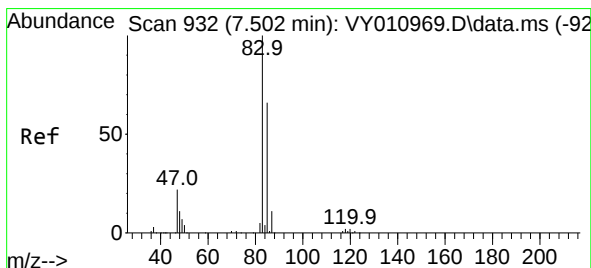
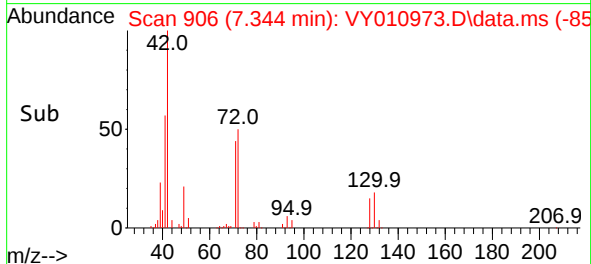
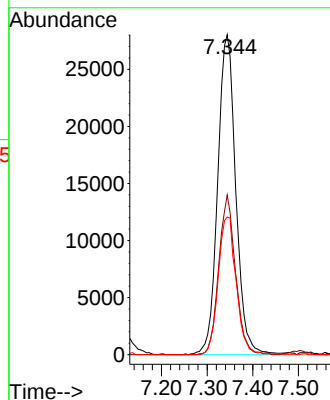
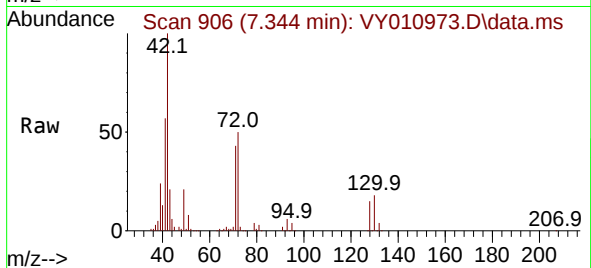
Tgt Ion:	42	Resp:	7720
Ion	Ratio	Lower	Upper
42	100		
72	46.3	30.3	45.5
71	42.6	29.0	43.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 10/18/2022

Supervised By :Mahesh Dadoda 10/19/2022



#30

Chloroform

Concen: 19.795 ug/l

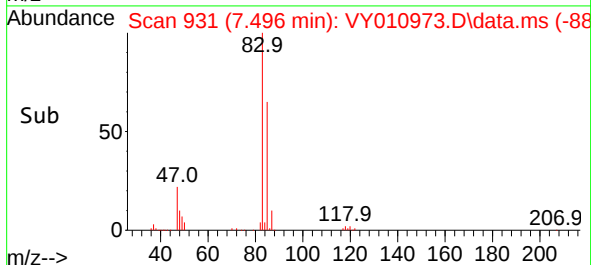
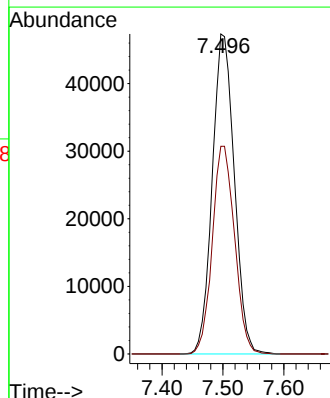
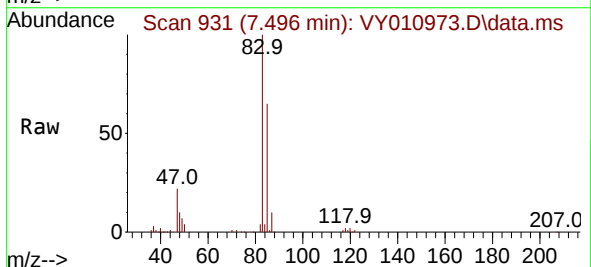
RT: 7.496 min Scan# 931

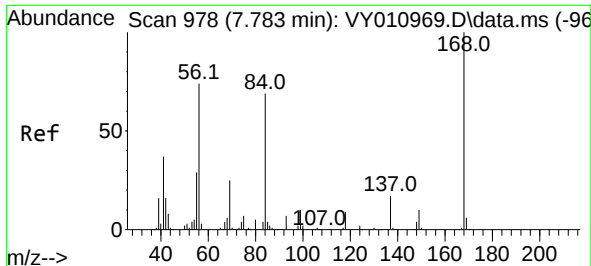
Delta R.T. -0.006 min

Lab File: VY010973.D

Acq: 17 Oct 2022 15:31

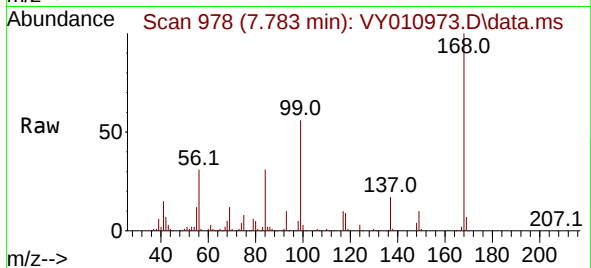
Tgt Ion:	83	Resp:	119056
Ion	Ratio	Lower	Upper
83	100		
85	64.9	51.8	77.6





#31
Cyclohexane
Concen: 19.779 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY010973.D
Acq: 17 Oct 2022 15:31

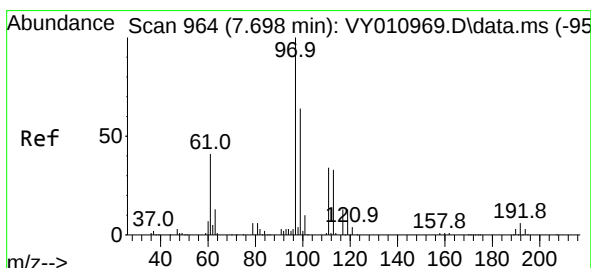
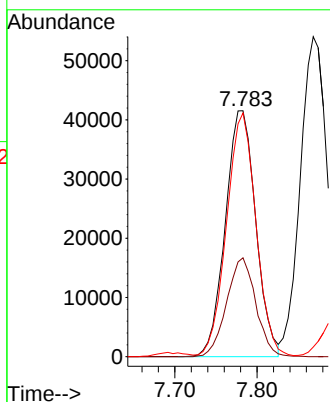
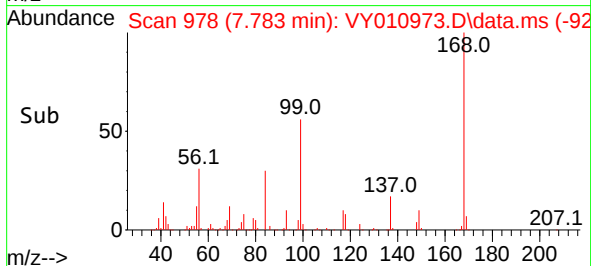
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



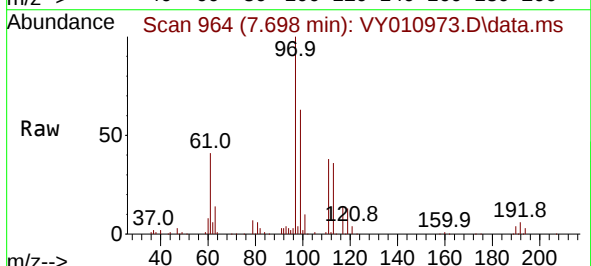
Tgt Ion: 56 Resp: 10693
Ion Ratio Lower Upper
56 100
69 40.2 26.7 40.1
84 97.5 67.2 100.8

Manual Integrations
APPROVED

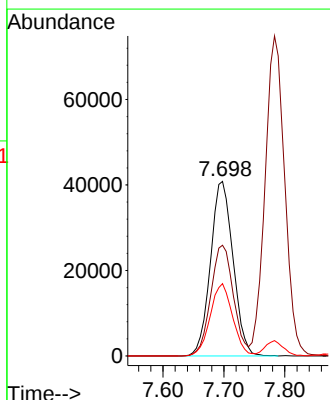
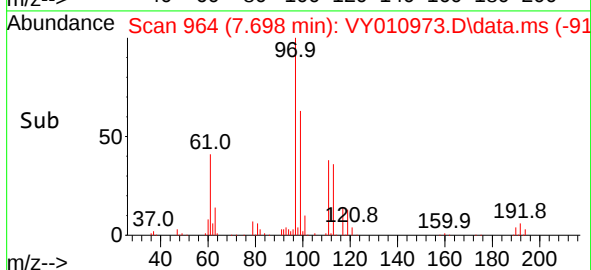
Reviewed By :Krupa Patel 10/18/2022
Supervised By :Mahesh Dadoda 10/19/2022

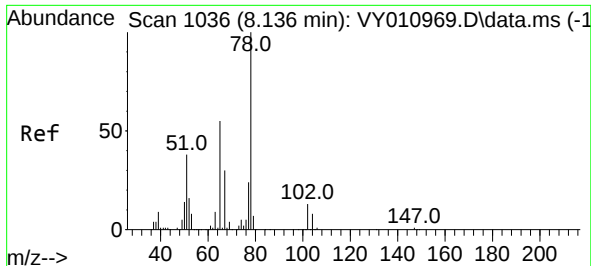


#32
1,1,1-Trichloroethane
Concen: 19.897 ug/l
RT: 7.698 min Scan# 964
Delta R.T. 0.000 min
Lab File: VY010973.D
Acq: 17 Oct 2022 15:31



Tgt Ion: 97 Resp: 105187
Ion Ratio Lower Upper
97 100
99 63.8 50.7 76.1
61 41.3 37.6 56.4





#33

1,2-Dichloroethane-d4

Concen: 18.941 ug/l

RT: 8.137 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY010973.D

Acq: 17 Oct 2022 15:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

Tgt Ion: 65 Resp: 5351

Ion Ratio Lower Upper

65 100

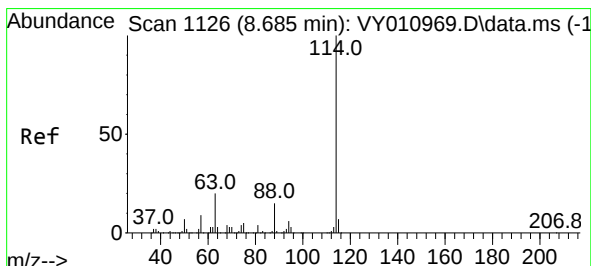
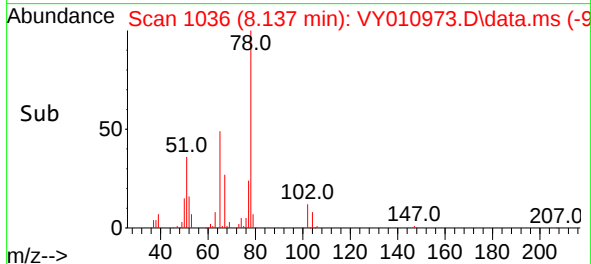
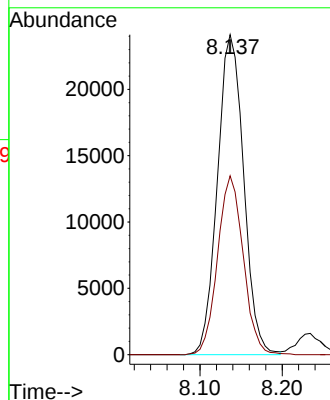
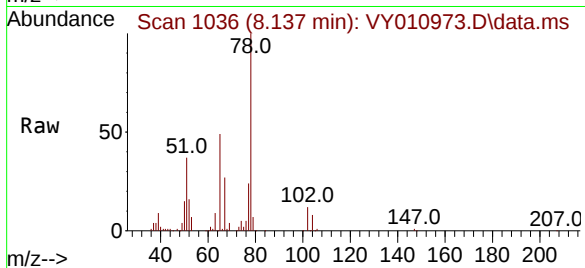
67 54.6 0.0 99.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 10/18/2022

Supervised By :Mahesh Dadoda 10/19/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY010973.D

Acq: 17 Oct 2022 15:31

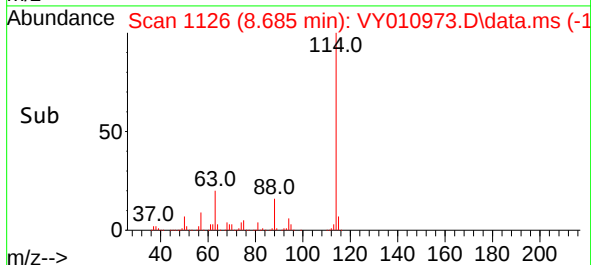
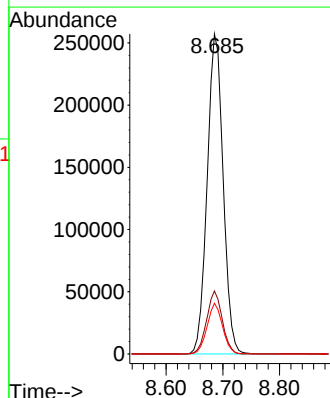
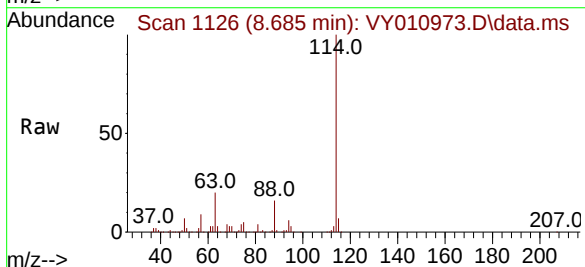
Tgt Ion:114 Resp: 503110

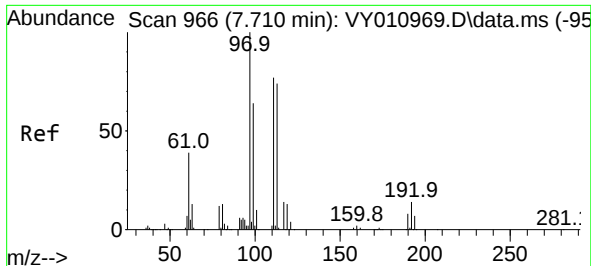
Ion Ratio Lower Upper

114 100

63 19.7 0.0 43.2

88 15.8 0.0 31.8





#35

Dibromofluoromethane

Concen: 18.140 ug/l

RT: 7.710 min Scan# 90

Delta R.T. 0.000 min

Lab File: VY010973.D

Acq: 17 Oct 2022 15:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

Tgt Ion:113 Resp: 55480

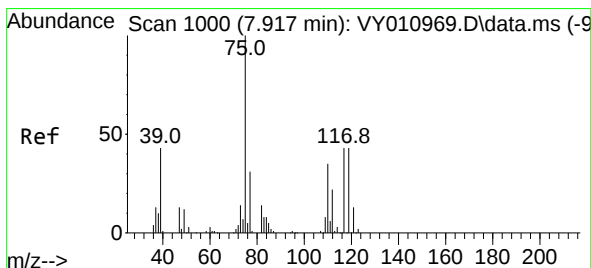
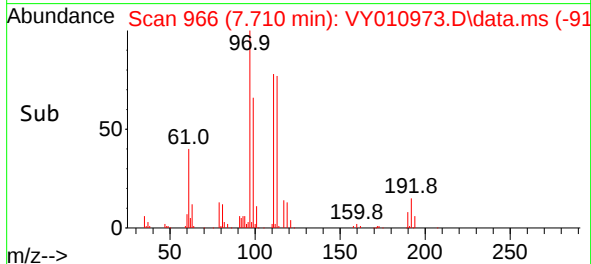
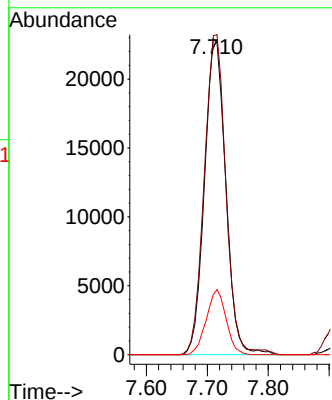
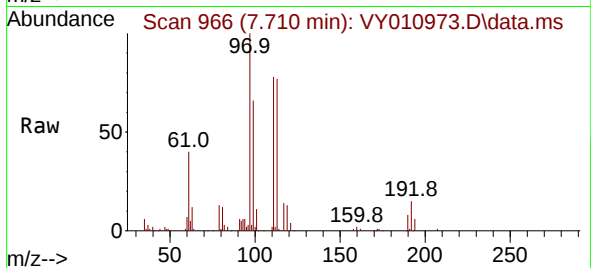
Ion	Ratio	Lower	Upper
113	100		
111	103.2	82.6	124.0
192	19.2	17.6	26.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 10/18/2022

Supervised By :Mahesh Dadoda 10/19/2022



#36

1,1-Dichloropropene

Concen: 19.780 ug/l

RT: 7.911 min Scan# 999

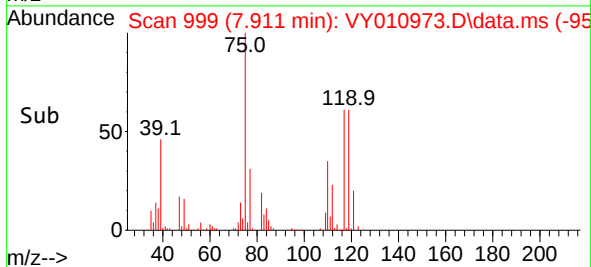
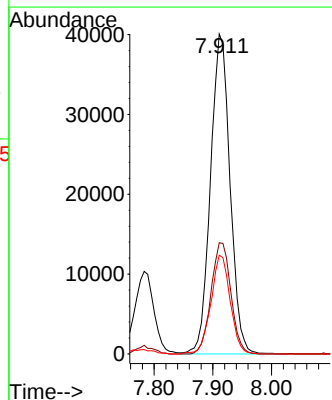
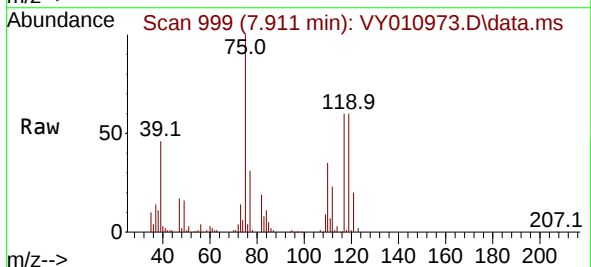
Delta R.T. -0.006 min

Lab File: VY010973.D

Acq: 17 Oct 2022 15:31

Tgt Ion: 75 Resp: 92639

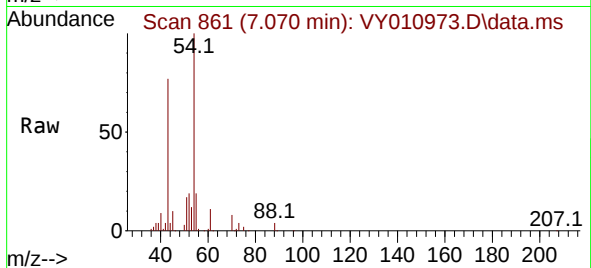
Ion	Ratio	Lower	Upper
75	100		
110	35.2	17.1	51.2
77	30.5	24.4	36.6





#37
Ethyl Acetate
Concen: 19.609 ug/l
RT: 7.070 min Scan# 861
Delta R.T. 0.000 min
Lab File: VY010973.D
Acq: 17 Oct 2022 15:31

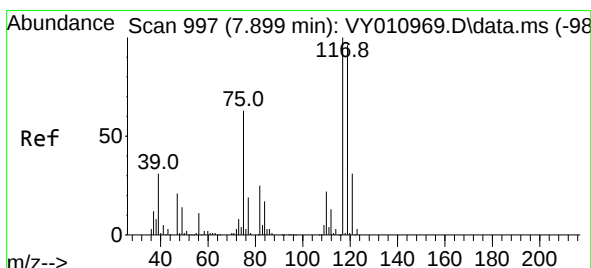
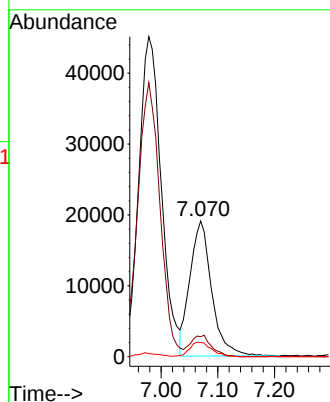
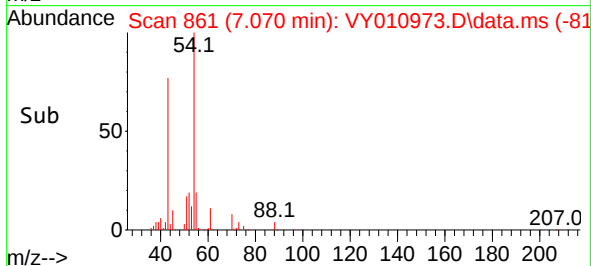
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



Tgt Ion: 43 Resp: 50849
Ion Ratio Lower Upper
43 100
61 15.3 9.7 14.5
70 10.8 7.1 10.7

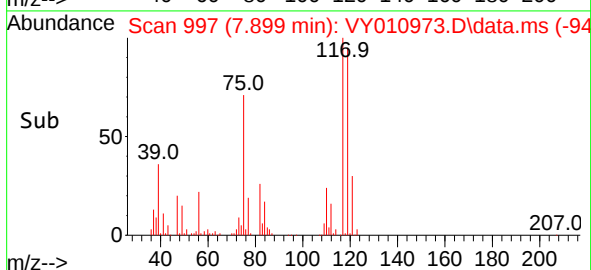
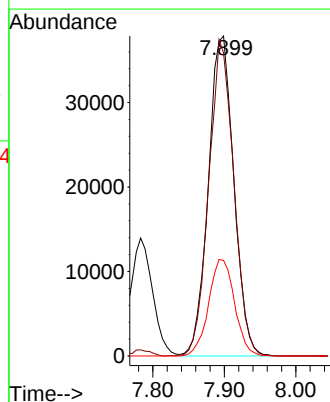
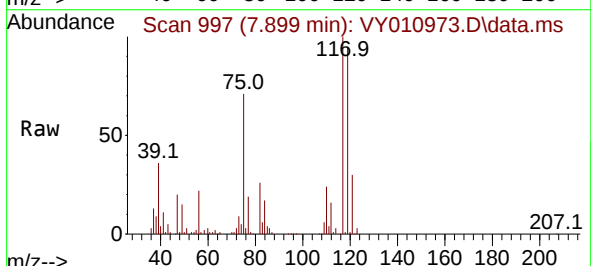
Manual Integrations
APPROVED

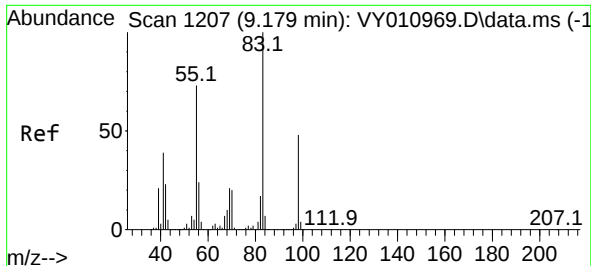
Reviewed By :Krupa Patel 10/18/2022
Supervised By :Mahesh Dadoda 10/19/2022



#38
Carbon Tetrachloride
Concen: 19.425 ug/l
RT: 7.899 min Scan# 997
Delta R.T. 0.000 min
Lab File: VY010973.D
Acq: 17 Oct 2022 15:31

Tgt Ion:117 Resp: 93912
Ion Ratio Lower Upper
117 100
119 94.7 77.9 116.9
121 29.8 24.8 37.2





#39

Methylcyclohexane

Concen: 19.881 ug/l

RT: 9.179 min Scan# 11152

Delta R.T. 0.000 min

Lab File: VY010973.D

Acq: 17 Oct 2022 15:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

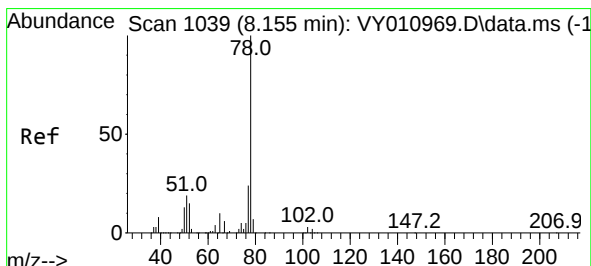
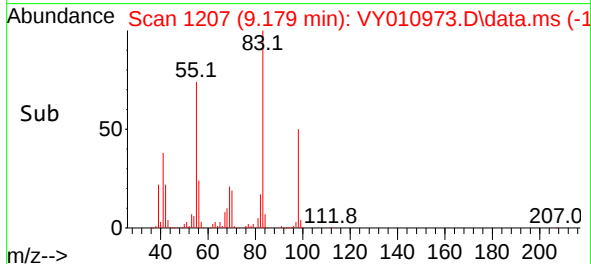
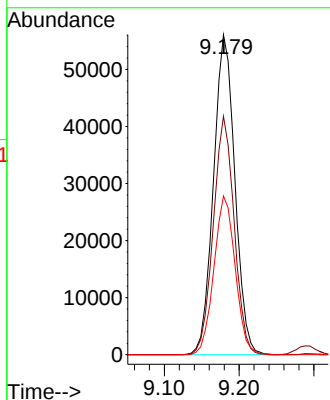
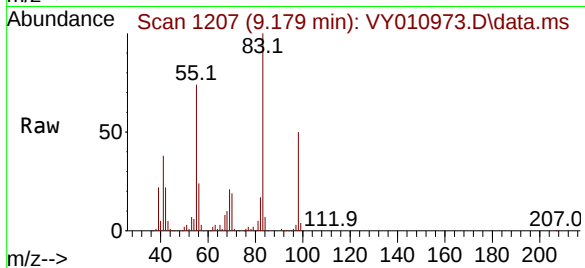
Tgt Ion:	83	Resp:	11152
Ion Ratio	Lower	Upper	
83	100		
55	74.5	66.5	99.7
98	49.6	37.9	56.9

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 10/18/2022

Supervised By :Mahesh Dadoda 10/19/2022



#40

Benzene

Concen: 19.651 ug/l

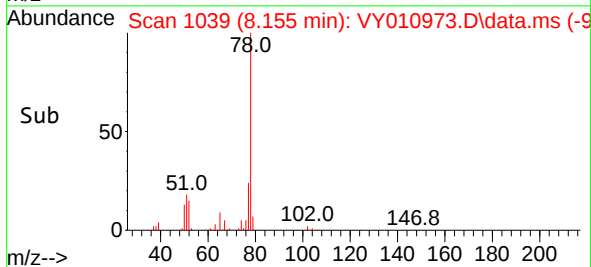
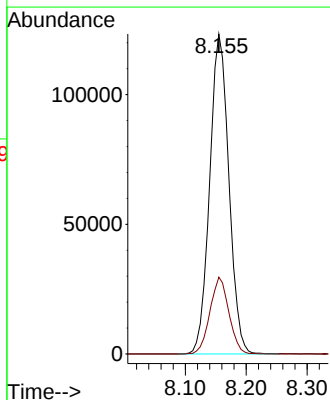
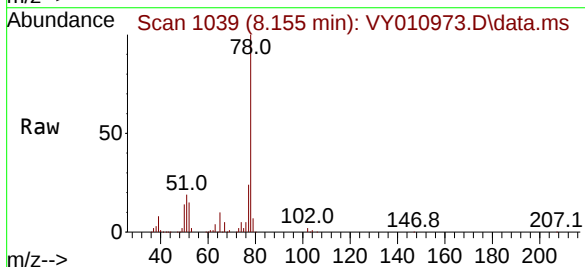
RT: 8.155 min Scan# 1039

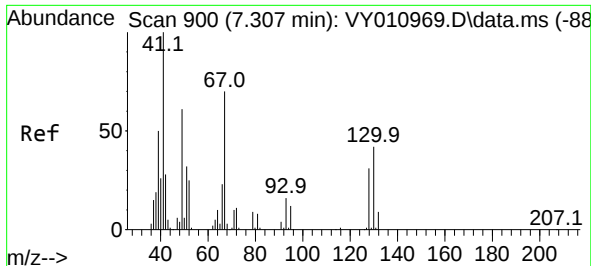
Delta R.T. 0.000 min

Lab File: VY010973.D

Acq: 17 Oct 2022 15:31

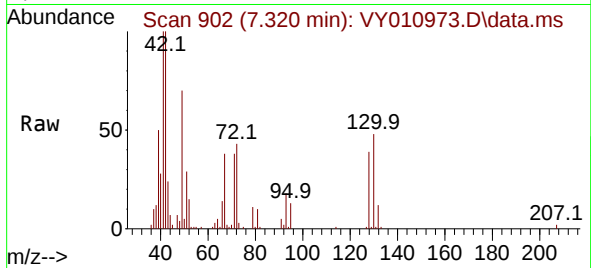
Tgt Ion:	78	Resp:	270042
Ion Ratio	Lower	Upper	
78	100		
77	24.0	20.4	30.6





#41
Methacrylonitrile
Concen: 20.679 ug/l m
RT: 7.320 min Scan# 900
Delta R.T. 0.012 min
Lab File: VY010973.D
Acq: 17 Oct 2022 15:31

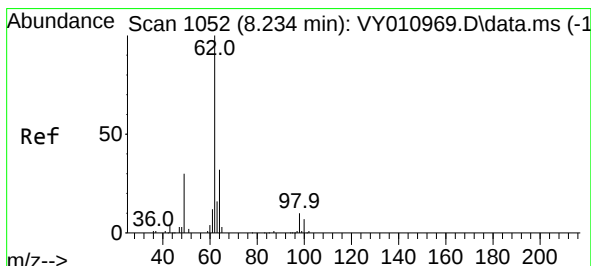
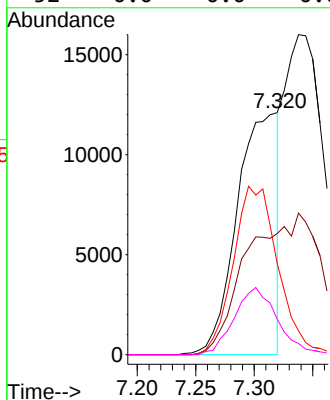
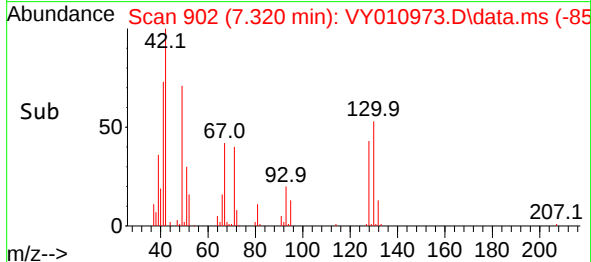
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



Tgt Ion: 41 Resp: 29724
Ion Ratio Lower Upper
41 100
39 108.3 92.9 139.3
67 0.0 0.0 0.0
52 0.0 0.0 0.0

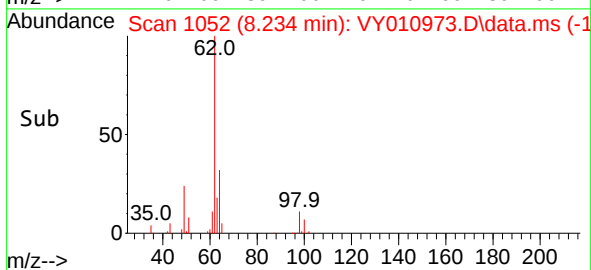
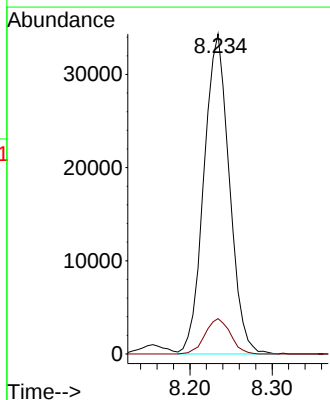
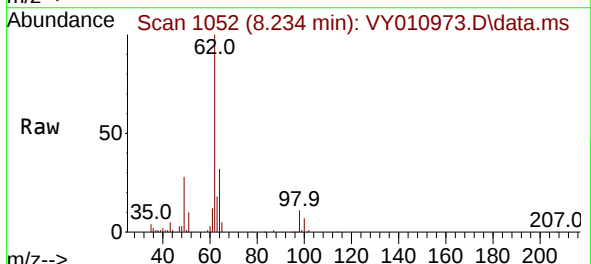
Manual Integrations
APPROVED

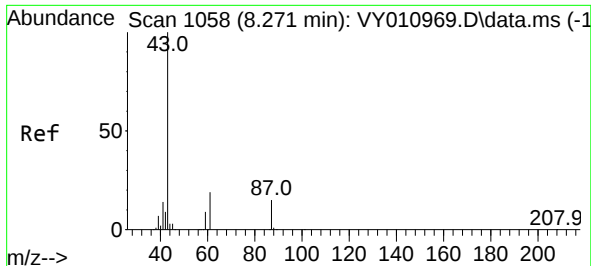
Reviewed By :Krupa Patel 10/18/2022
Supervised By :Mahesh Dadoda 10/19/2022



#42
1,2-Dichloroethane
Concen: 19.373 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VY010973.D
Acq: 17 Oct 2022 15:31

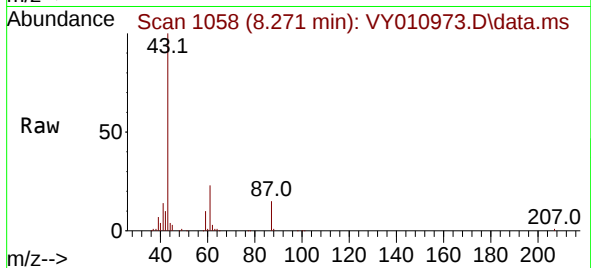
Tgt Ion: 62 Resp: 73766
Ion Ratio Lower Upper
62 100
98 11.0 0.0 14.8





#43
Isopropyl Acetate
Concen: 19.468 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VY010973.D
Acq: 17 Oct 2022 15:31

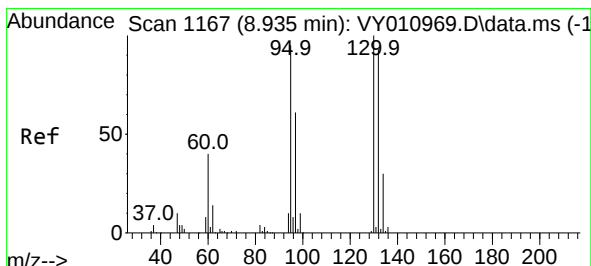
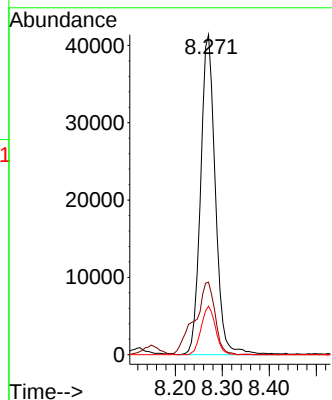
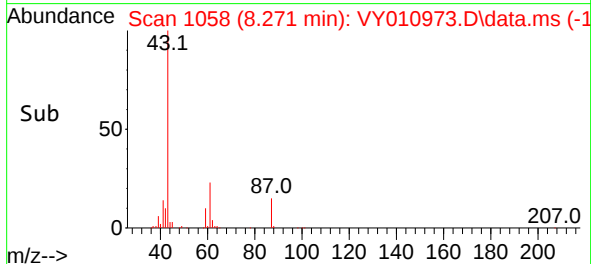
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



Tgt Ion: 43 Resp: 90194
Ion Ratio Lower Upper
43 100
61 31.2 20.2 30.2
87 14.8 8.9 13.3

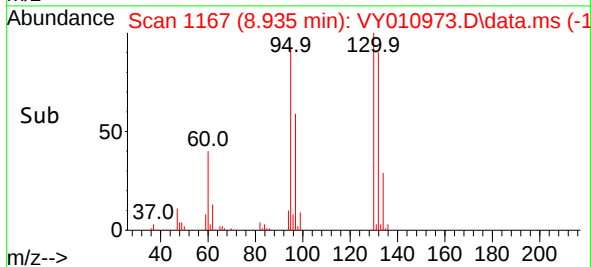
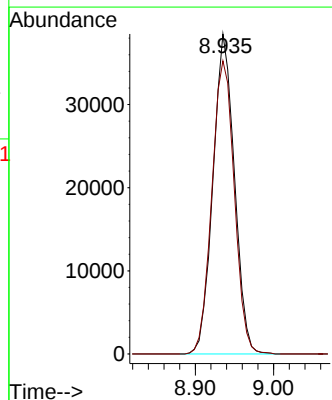
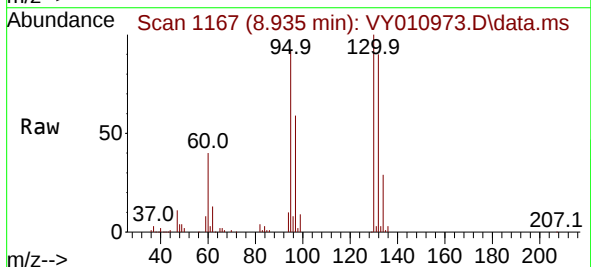
Manual Integrations
APPROVED

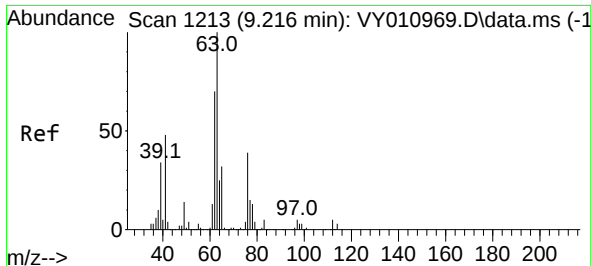
Reviewed By :Krupa Patel 10/18/2022
Supervised By :Mahesh Dadoda 10/19/2022



#44
Trichloroethene
Concen: 19.664 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VY010973.D
Acq: 17 Oct 2022 15:31

Tgt Ion:130 Resp: 73229
Ion Ratio Lower Upper
130 100
95 91.6 0.0 188.2





#45

1,2-Dichloropropane

Concen: 19.352 ug/l

RT: 9.210 min Scan# 1213

Delta R.T. -0.006 min

Lab File: VY010973.D

Acq: 17 Oct 2022 15:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

Tgt Ion: 63 Resp: 67474

Ion Ratio Lower Upper

63 100

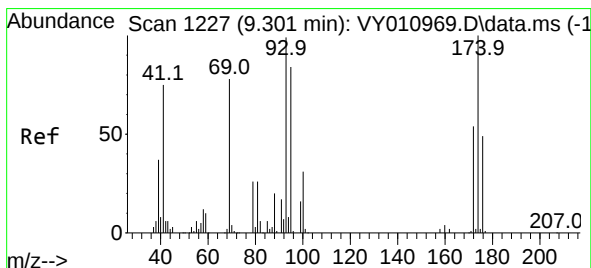
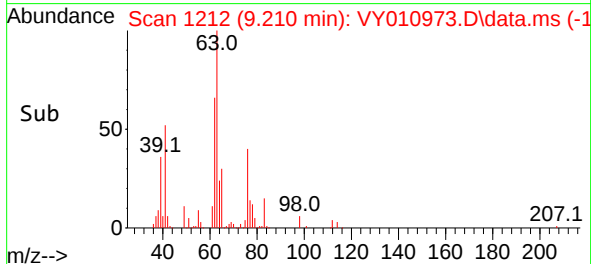
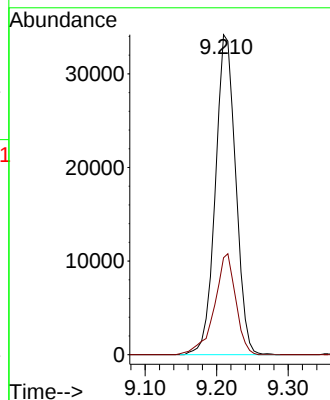
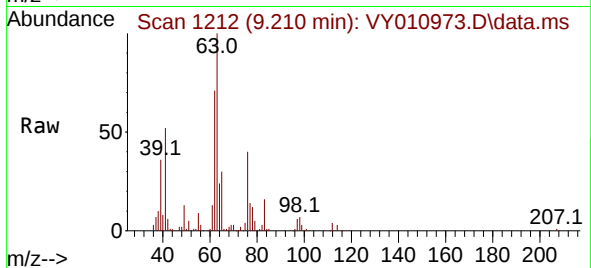
65 30.3 23.0 34.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 10/18/2022

Supervised By :Mahesh Dadoda 10/19/2022



#46

Dibromomethane

Concen: 19.591 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VY010973.D

Acq: 17 Oct 2022 15:31

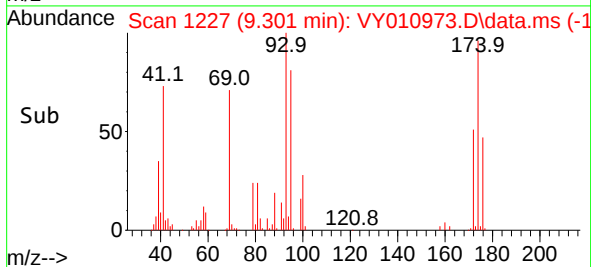
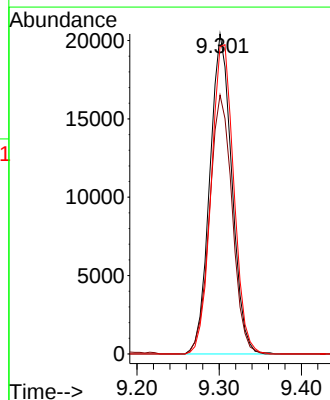
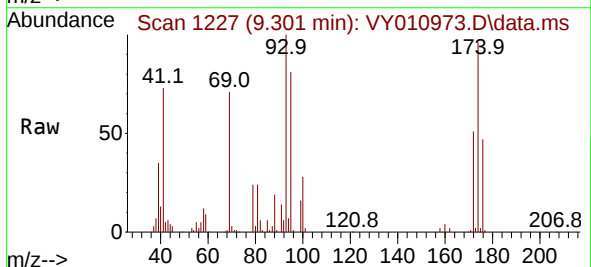
Tgt Ion: 93 Resp: 38098

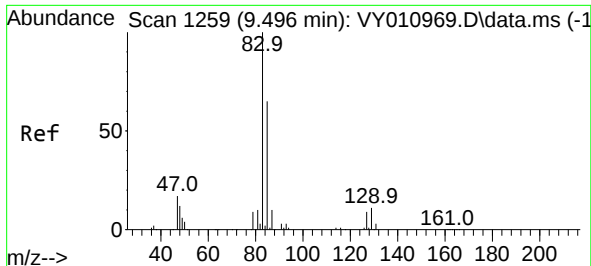
Ion Ratio Lower Upper

93 100

95 82.9 64.3 96.5

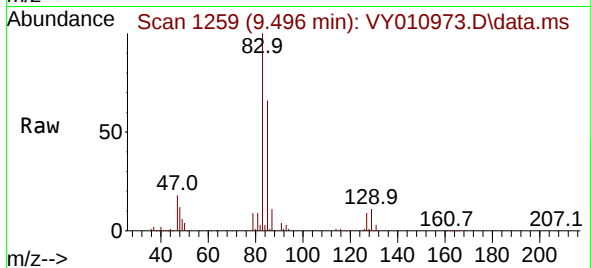
174 99.2 83.4 125.0





#47
Bromodichloromethane
Concen: 19.153 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY010973.D
Acq: 17 Oct 2022 15:31

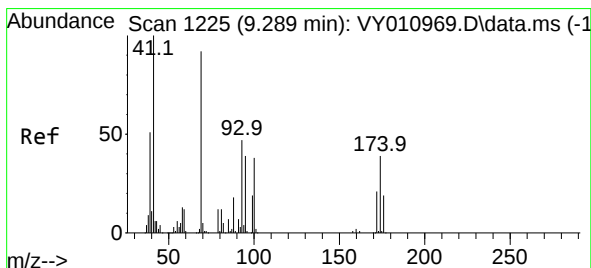
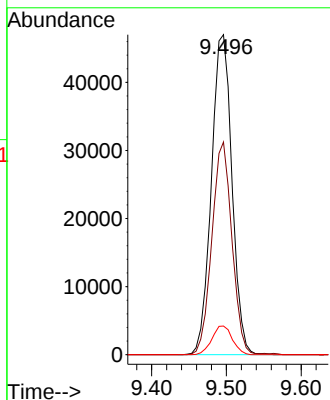
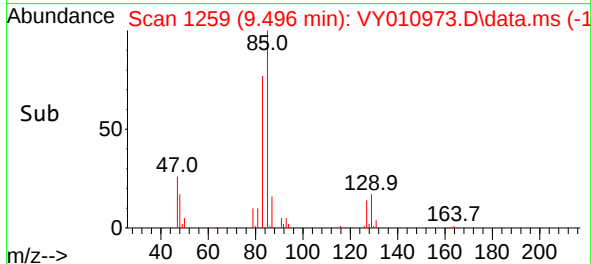
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



Tgt Ion: 83 Resp: 89750
Ion Ratio Lower Upper
83 100
85 66.5 51.9 77.9
127 8.9 6.6 10.0

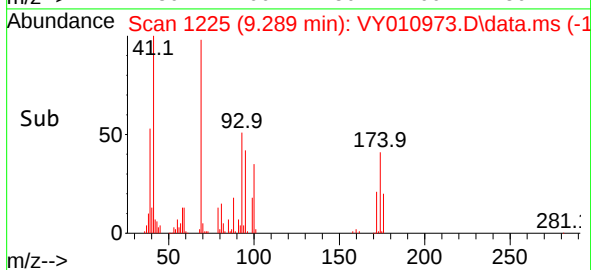
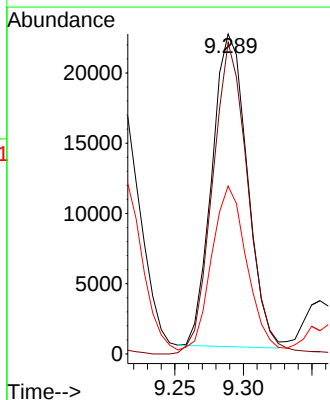
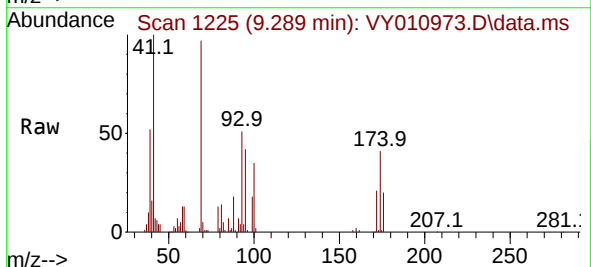
Manual Integrations
APPROVED

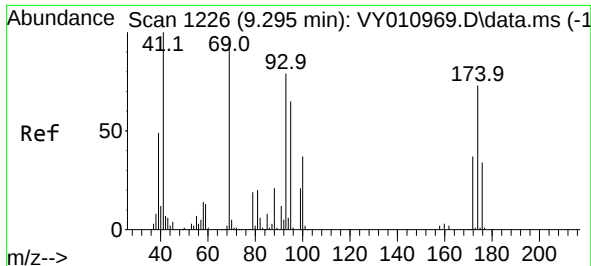
Reviewed By :Krupa Patel 10/18/2022
Supervised By :Mahesh Dadoda 10/19/2022



#48
Methyl methacrylate
Concen: 19.193 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. 0.000 min
Lab File: VY010973.D
Acq: 17 Oct 2022 15:31

Tgt Ion: 41 Resp: 39795
Ion Ratio Lower Upper
41 100
69 100.5 58.2 87.2#
39 52.2 47.4 71.0





#49

1,4-Dioxane

Concen: 391.401 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. 0.000 min

Lab File: VY010973.D

Acq: 17 Oct 2022 15:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

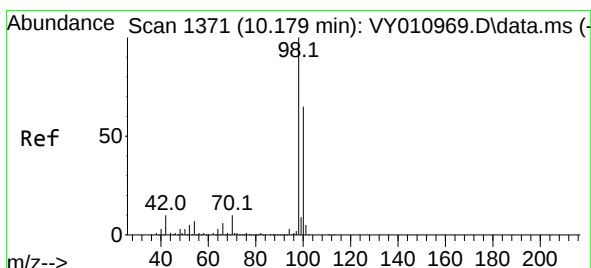
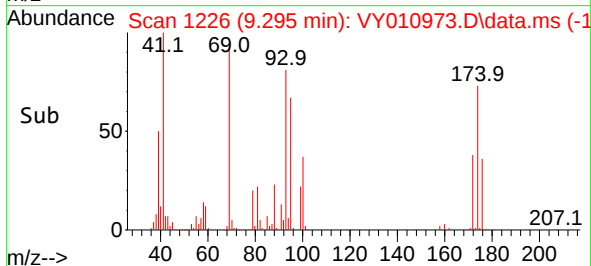
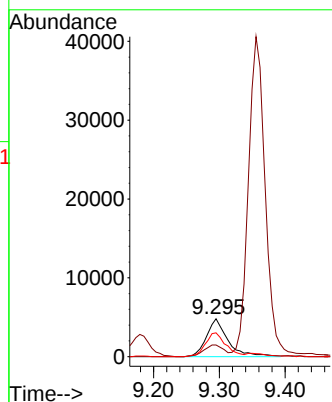
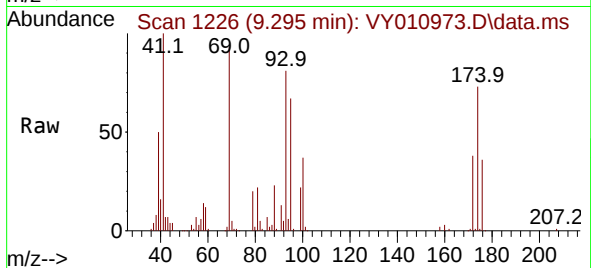
Tgt Ion: 88	Resp: 10930
Ion Ratio	Lower Upper
88 100	
43 28.5	32.8 49.2
58 60.3	59.8 89.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 10/18/2022

Supervised By :Mahesh Dadoda 10/19/2022



#50

Toluene-d8

Concen: 19.640 ug/l

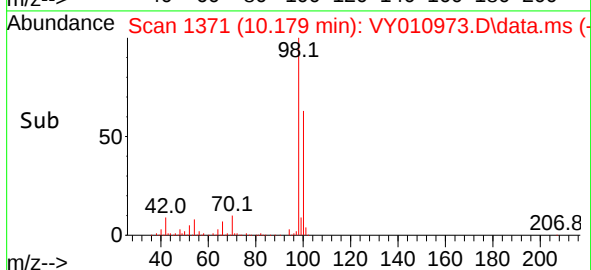
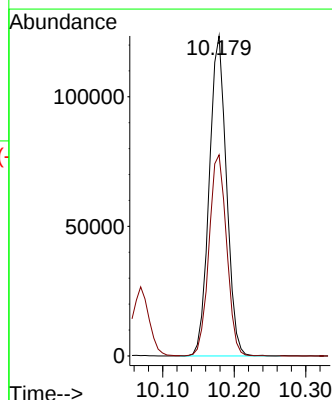
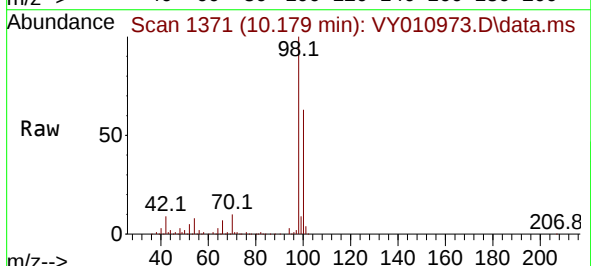
RT: 10.179 min Scan# 1371

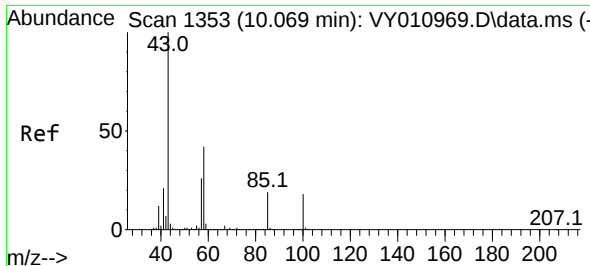
Delta R.T. 0.000 min

Lab File: VY010973.D

Acq: 17 Oct 2022 15:31

Tgt Ion: 98	Resp: 206321
Ion Ratio	Lower Upper
98 100	
100 64.5	50.2 75.2





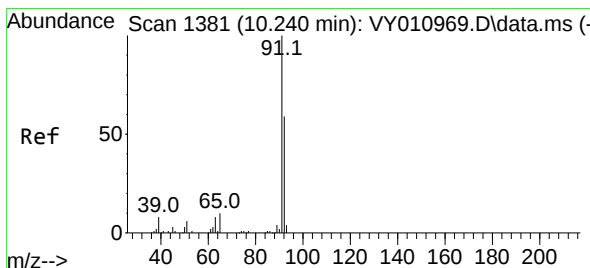
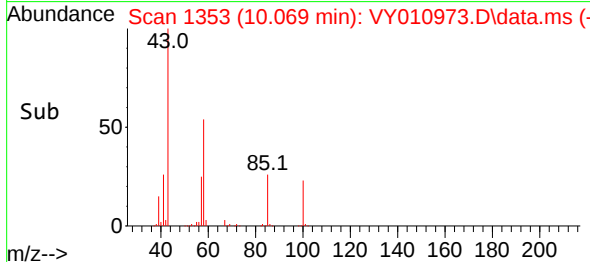
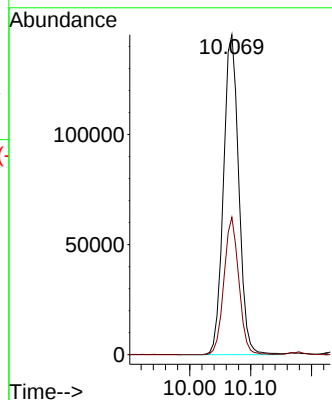
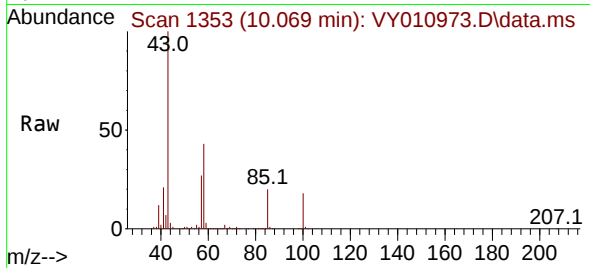
#51
4-Methyl-2-Pentanone
Concen: 98.456 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY010973.D
Acq: 17 Oct 2022 15:31

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 25438
Ion Ratio Lower Upper
43 100
58 41.6 28.1 42.1

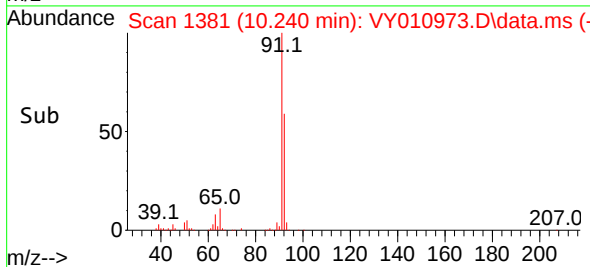
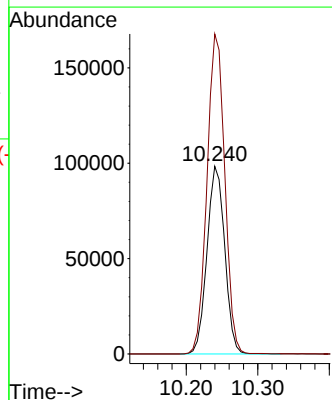
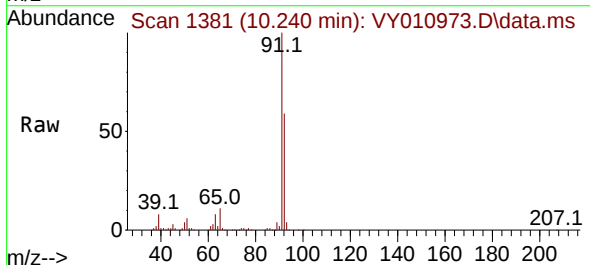
Manual Integrations
APPROVED

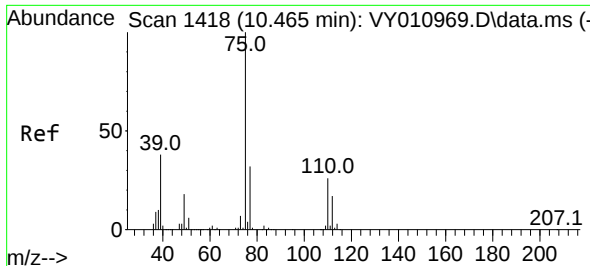
Reviewed By :Krupa Patel 10/18/2022
Supervised By :Mahesh Dadoda 10/19/2022



#52
Toluene
Concen: 19.860 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VY010973.D
Acq: 17 Oct 2022 15:31

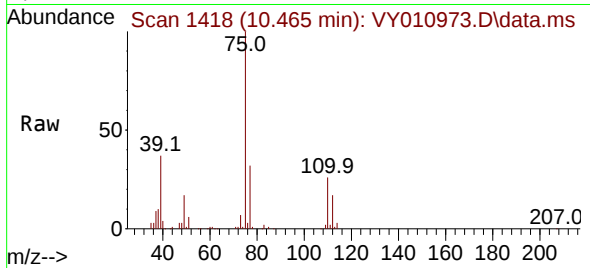
Tgt Ion: 92 Resp: 169546
Ion Ratio Lower Upper
92 100
91 171.0 142.6 213.8





#53
t-1,3-Dichloropropene
Concen: 19.508 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY010973.D
Acq: 17 Oct 2022 15:31

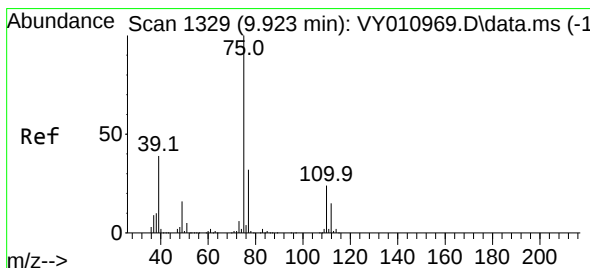
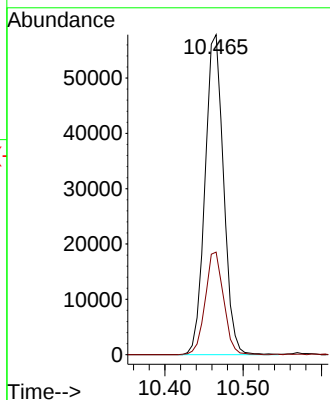
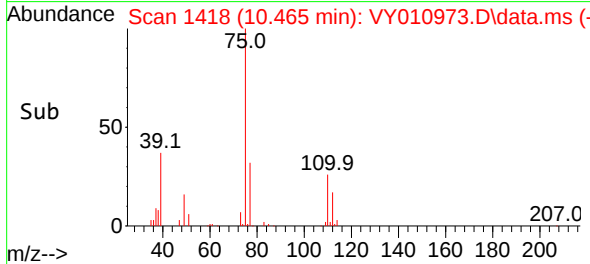
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



Tgt Ion: 75 Resp: 94975
Ion Ratio Lower Upper
75 100
77 32.0 25.4 38.2

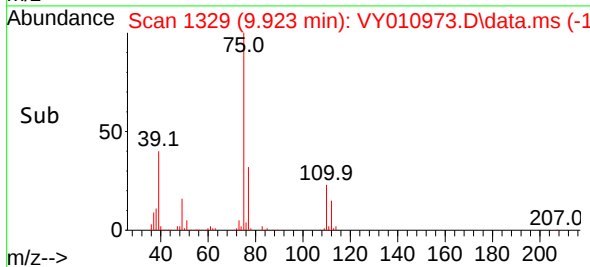
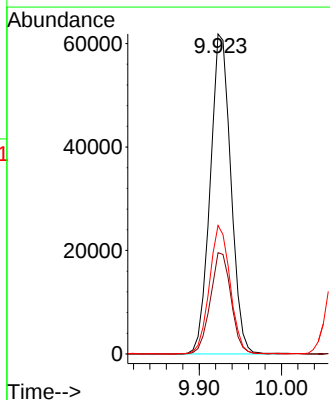
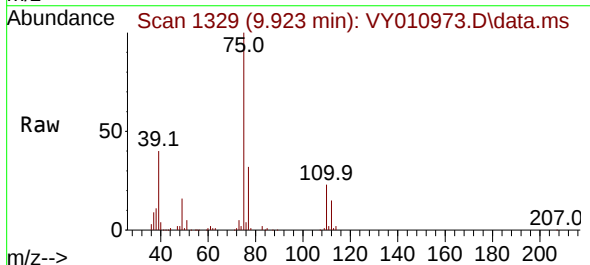
Manual Integrations
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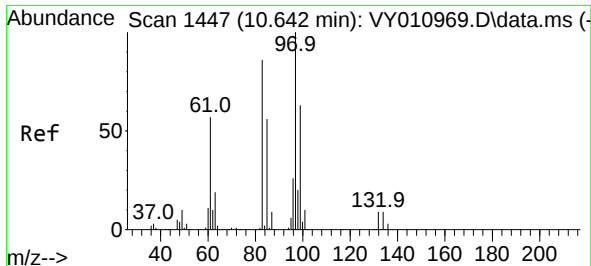
Reviewed By :Krupa Patel 10/18/2022
Supervised By :Mahesh Dadoda 10/19/2022



#54
cis-1,3-Dichloropropene
Concen: 19.380 ug/l
RT: 9.923 min Scan# 1329
Delta R.T. 0.000 min
Lab File: VY010973.D
Acq: 17 Oct 2022 15:31

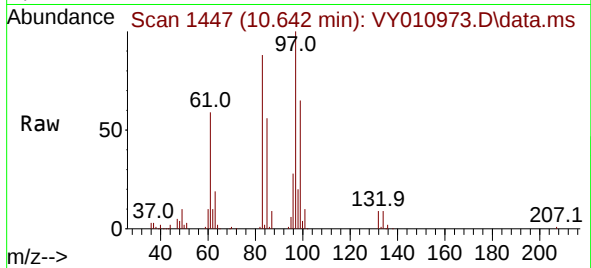
Tgt Ion: 75 Resp: 107969
Ion Ratio Lower Upper
75 100
77 31.7 25.6 38.4
39 40.0 47.6 71.4#





#55
1,1,2-Trichloroethane
Concen: 19.434 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY010973.D
Acq: 17 Oct 2022 15:31

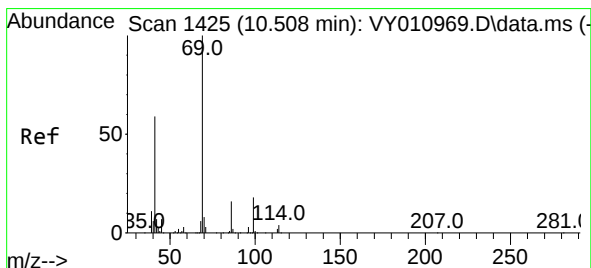
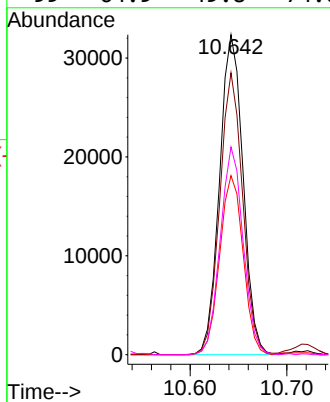
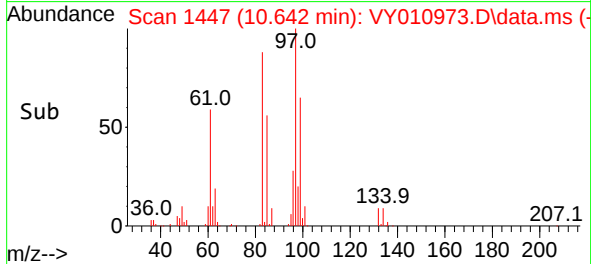
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



Tgt Ion: 97	Resp: 5452
Ion Ratio	Lower Upper
97 100	
83 88.1	69.8 104.8
85 55.9	44.3 66.5
99 64.9	49.8 74.6

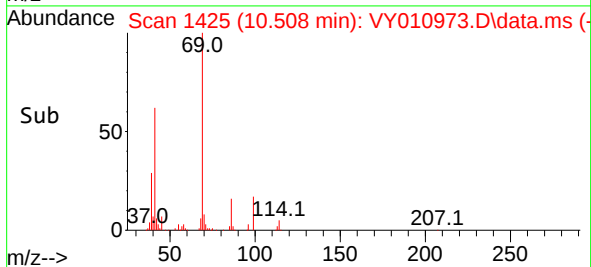
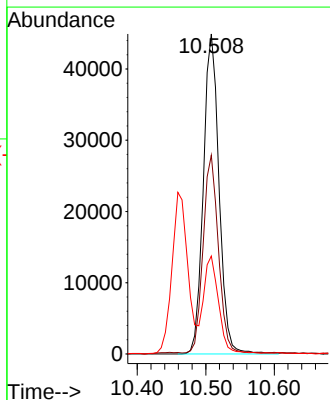
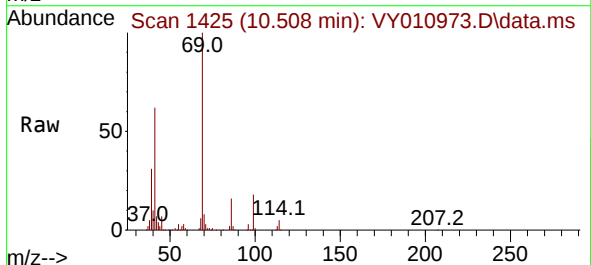
Manual Integrations
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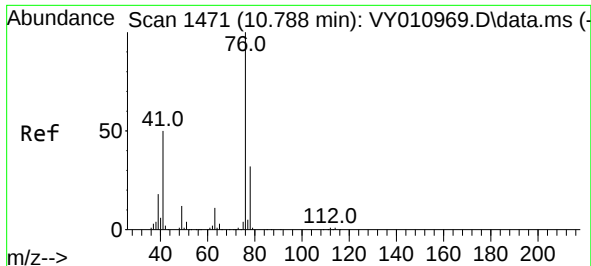
Reviewed By :Krupa Patel 10/18/2022
Supervised By :Mahesh Dadoda 10/19/2022



#56
Ethyl methacrylate
Concen: 19.252 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VY010973.D
Acq: 17 Oct 2022 15:31

Tgt Ion: 69	Resp: 71734
Ion Ratio	Lower Upper
69 100	
41 60.0	63.4 95.0#
39 28.0	35.8 53.8#





#57

1,3-Dichloropropane

Concen: 19.272 ug/l

RT: 10.789 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY010973.D

Acq: 17 Oct 2022 15:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

Tgt Ion: 76 Resp: 92958

Ion Ratio Lower Upper

76 100

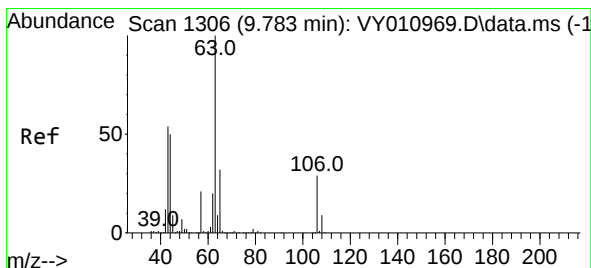
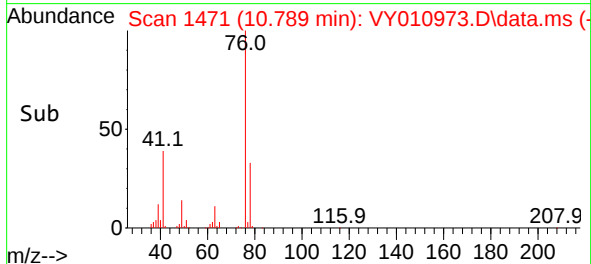
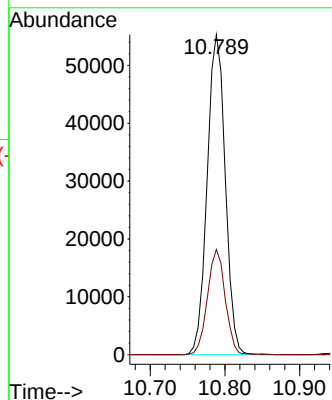
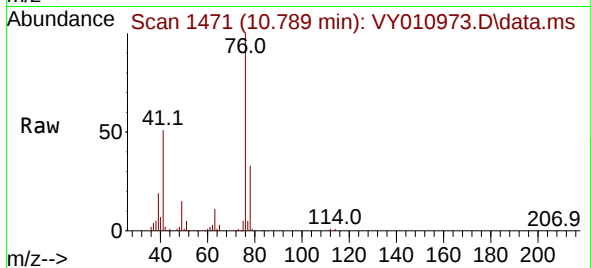
78 32.2 25.0 37.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 10/18/2022

Supervised By :Mahesh Dadoda 10/19/2022



#58

2-Chloroethyl Vinyl ether

Concen: 74.887 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VY010973.D

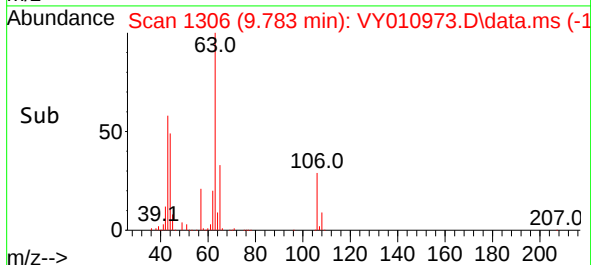
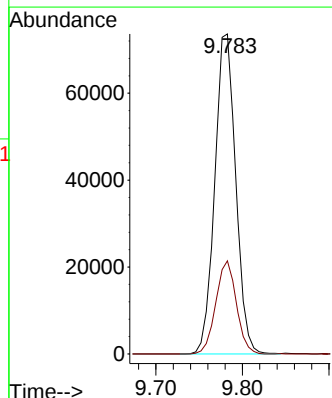
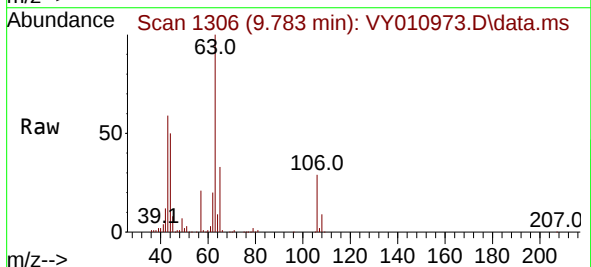
Acq: 17 Oct 2022 15:31

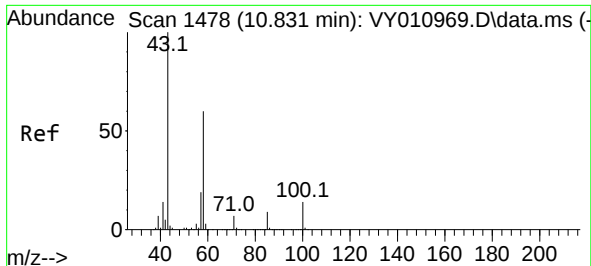
Tgt Ion: 63 Resp: 123666

Ion Ratio Lower Upper

63 100

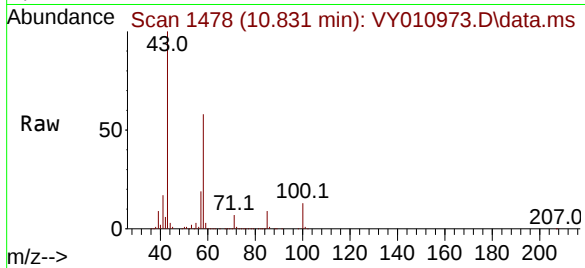
106 28.5 21.5 32.3





#59
2-Hexanone
Concen: 100.216 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY010973.D
Acq: 17 Oct 2022 15:31

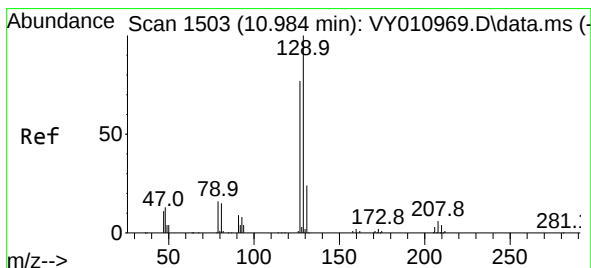
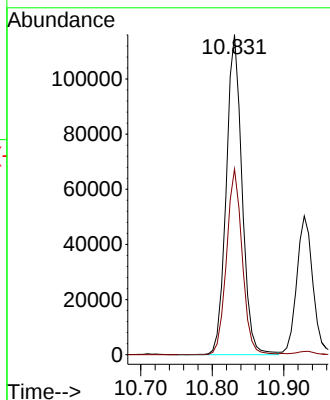
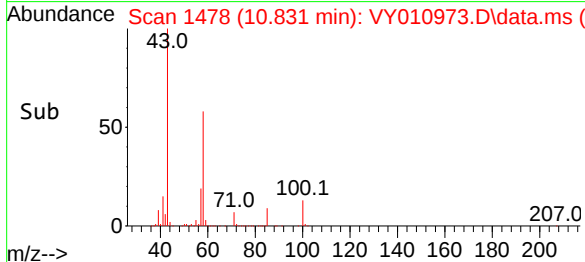
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



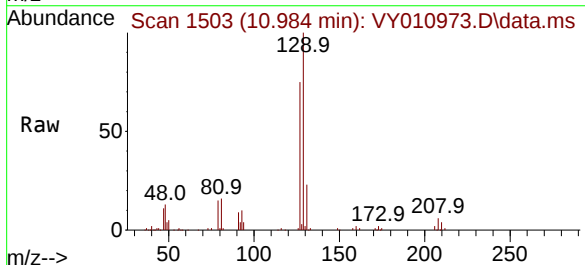
Tgt Ion: 43 Resp: 17786
Ion Ratio Lower Upper
43 100
58 57.6 24.4 73.4

Manual Integrations
APPROVED

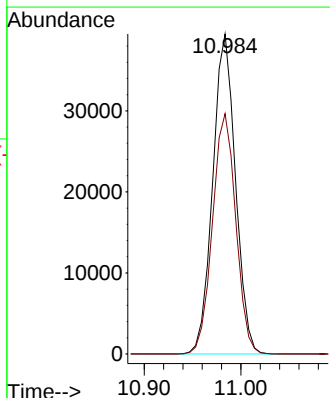
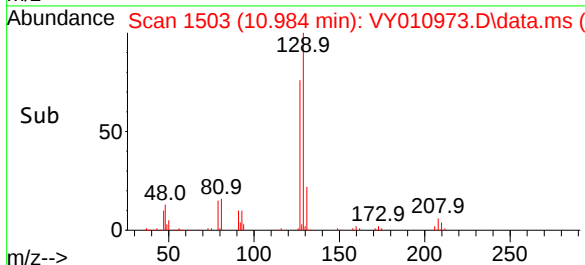
Reviewed By :Krupa Patel 10/18/2022
Supervised By :Mahesh Dadoda 10/19/2022

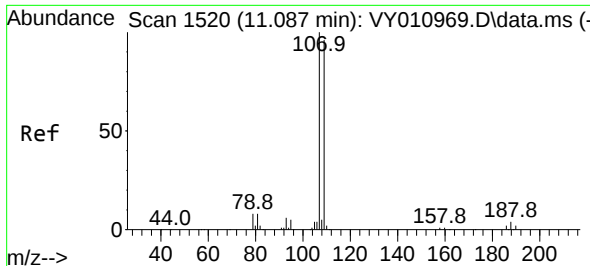


#60
Dibromochloromethane
Concen: 19.304 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY010973.D
Acq: 17 Oct 2022 15:31



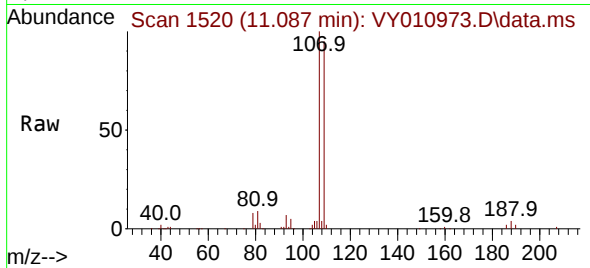
Tgt Ion:129 Resp: 64398
Ion Ratio Lower Upper
129 100
127 77.0 38.7 116.1





#61
1,2-Dibromoethane
Concen: 19.506 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY010973.D
Acq: 17 Oct 2022 15:31

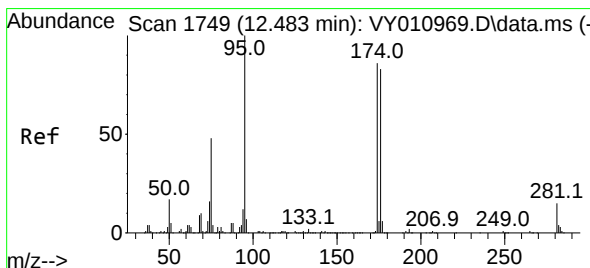
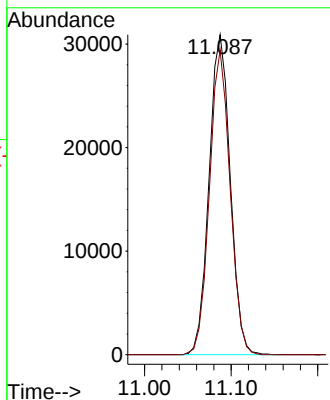
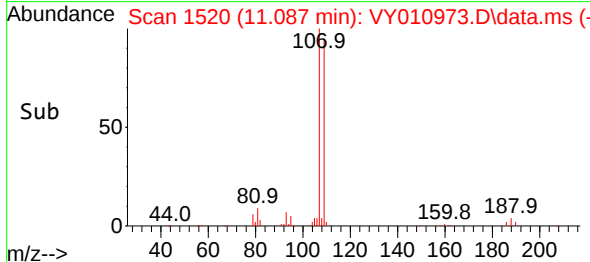
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



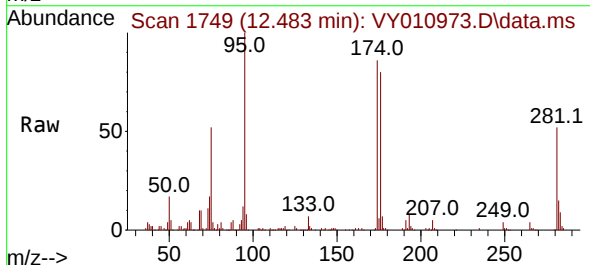
Tgt Ion:107 Resp: 52404
Ion Ratio Lower Upper
107 100
109 92.8 75.4 113.2

Manual Integrations
APPROVED

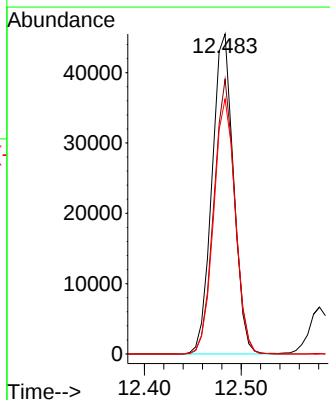
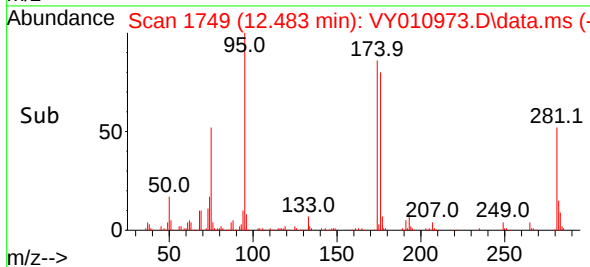
Reviewed By :Krupa Patel 10/18/2022
Supervised By :Mahesh Dadoda 10/19/2022

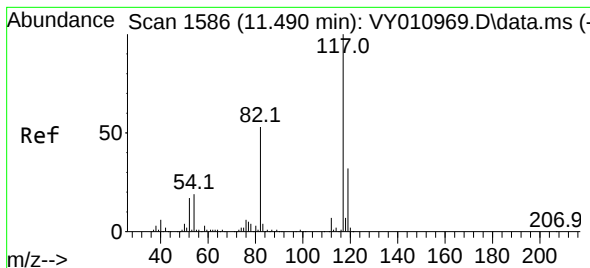


#62
4-Bromofluorobenzene
Concen: 16.750 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY010973.D
Acq: 17 Oct 2022 15:31



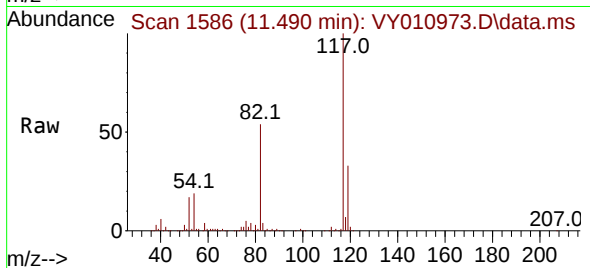
Tgt Ion: 95 Resp: 70380
Ion Ratio Lower Upper
95 100
174 83.3 0.0 177.0
176 80.1 0.0 175.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY010973.D
Acq: 17 Oct 2022 15:31

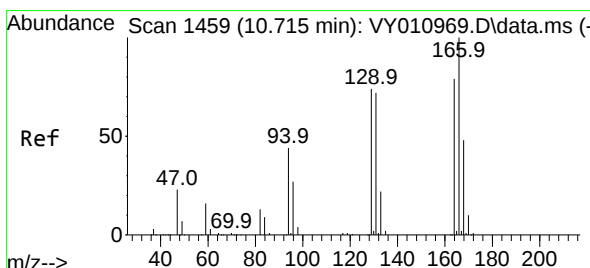
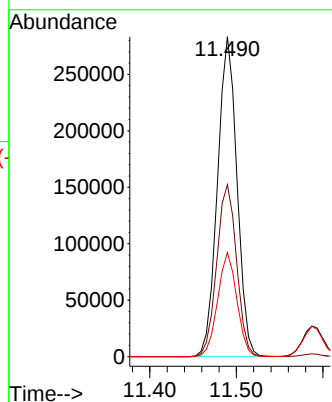
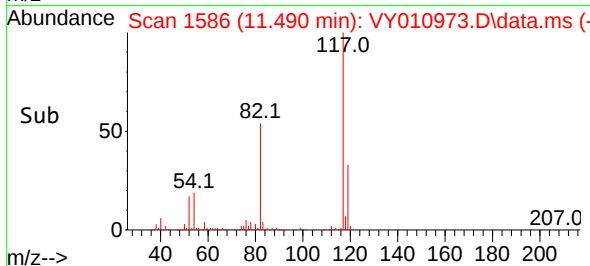
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



Tgt Ion:117 Resp: 44325
Ion Ratio Lower Upper
117 100
82 53.7 43.0 64.4
119 32.6 25.4 38.0

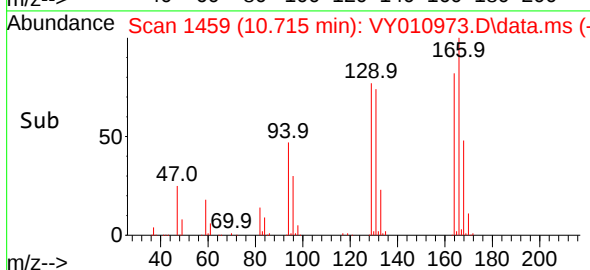
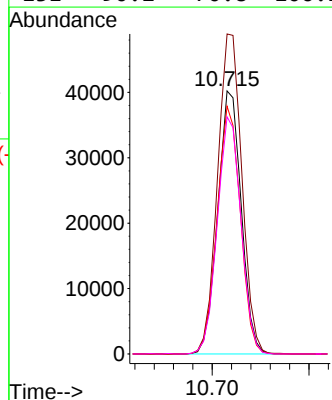
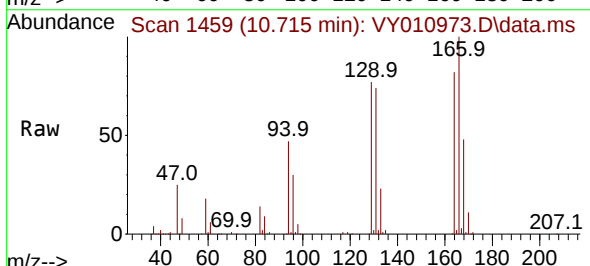
Manual Integrations
APPROVED

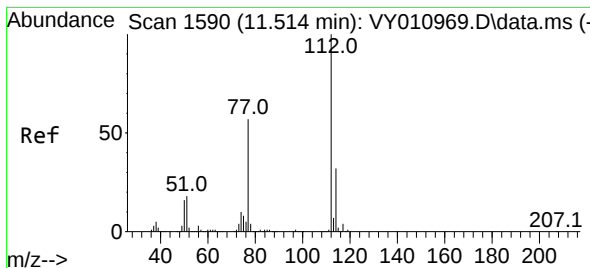
Reviewed By :Krupa Patel 10/18/2022
Supervised By :Mahesh Dadoda 10/19/2022



#64
Tetrachloroethene
Concen: 19.605 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VY010973.D
Acq: 17 Oct 2022 15:31

Tgt Ion:164 Resp: 67647
Ion Ratio Lower Upper
164 100
166 121.7 100.4 150.6
129 94.2 71.4 107.0
131 90.2 70.8 106.2





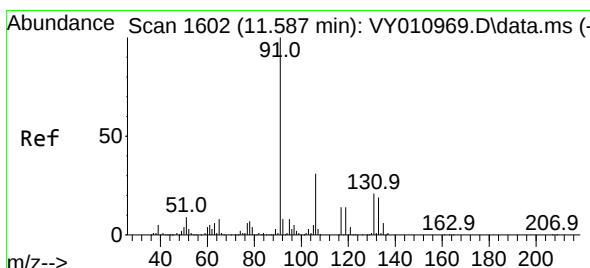
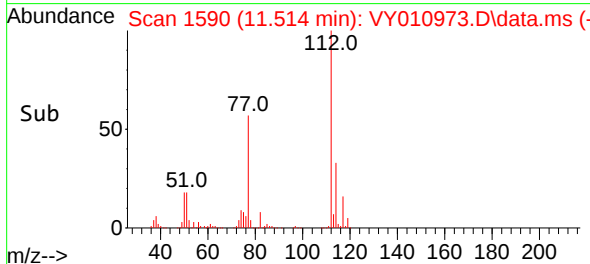
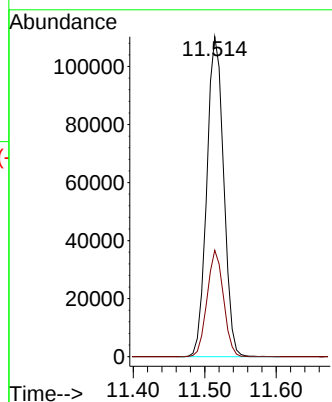
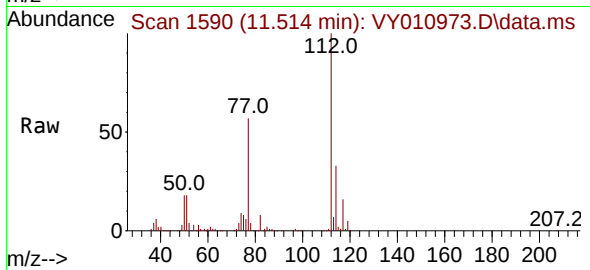
#65
Chlorobenzene
Concen: 19.826 ug/l
RT: 11.514 min Scan# 11590
Delta R.T. 0.000 min
Lab File: VY010973.D
Acq: 17 Oct 2022 15:31

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion:112 Resp: 18041
Ion Ratio Lower Upper
112 100
114 33.2 25.8 38.6

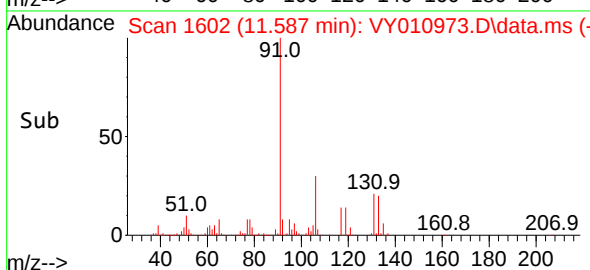
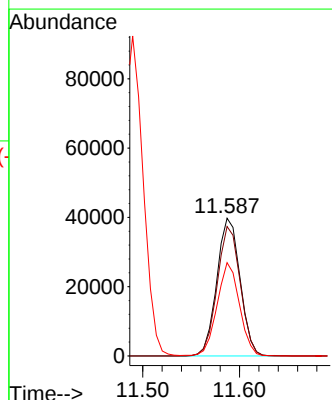
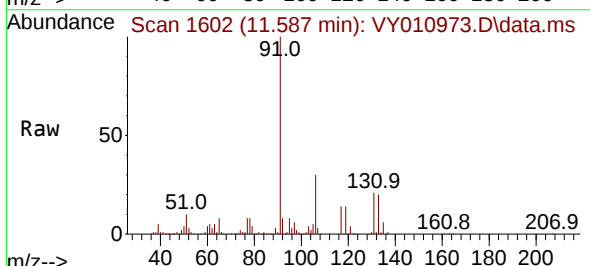
Manual Integrations
APPROVED

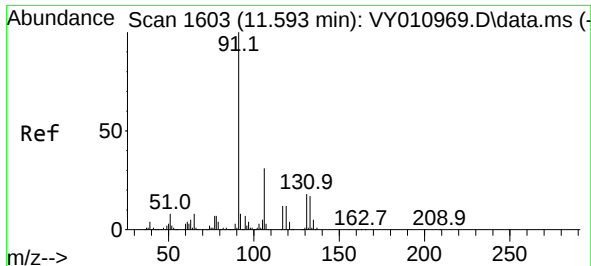
Reviewed By :Krupa Patel 10/18/2022
Supervised By :Mahesh Dadoda 10/19/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 19.681 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY010973.D
Acq: 17 Oct 2022 15:31

Tgt Ion:131 Resp: 66293
Ion Ratio Lower Upper
131 100
133 93.6 47.9 143.6
119 65.2 30.8 92.3





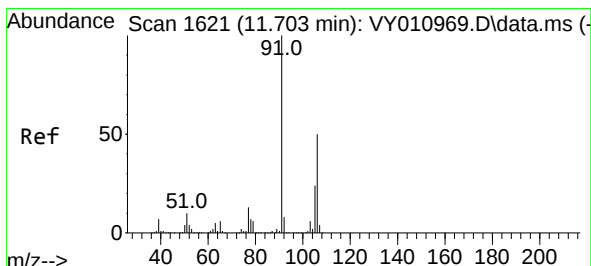
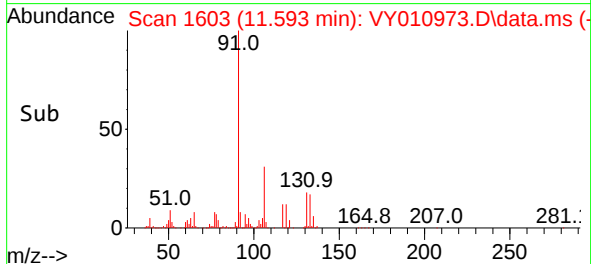
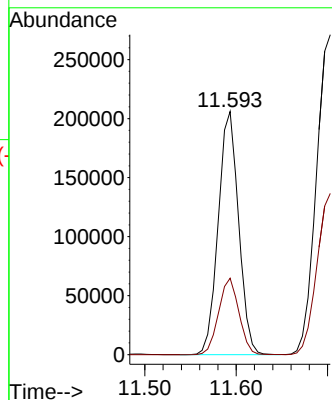
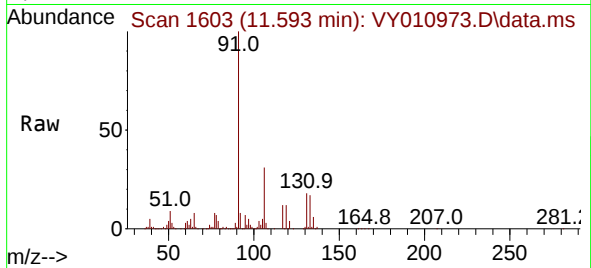
#67
Ethyl Benzene
Concen: 19.828 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY010973.D
Acq: 17 Oct 2022 15:31

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 91 Resp: 319215
Ion Ratio Lower Upper
91 100
106 31.4 24.5 36.7

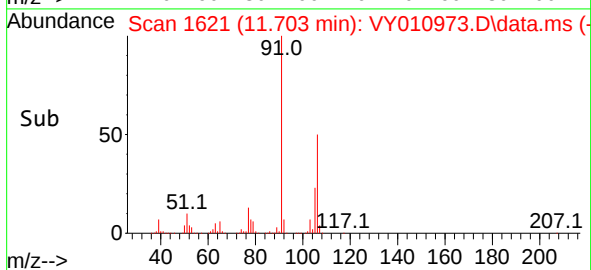
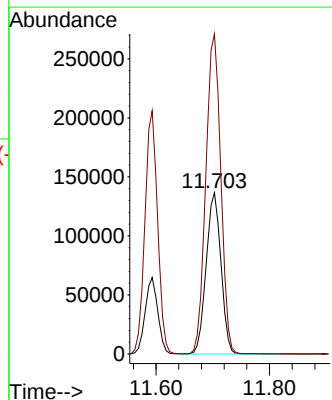
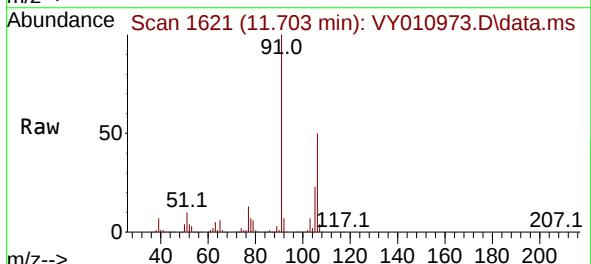
Manual Integrations
APPROVED

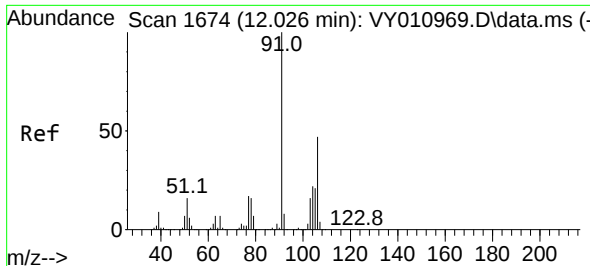
Reviewed By :Krupa Patel 10/18/2022
Supervised By :Mahesh Dadoda 10/19/2022



#68
m/p-Xylenes
Concen: 39.873 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VY010973.D
Acq: 17 Oct 2022 15:31

Tgt Ion:106 Resp: 246939
Ion Ratio Lower Upper
106 100
91 201.1 166.6 249.8





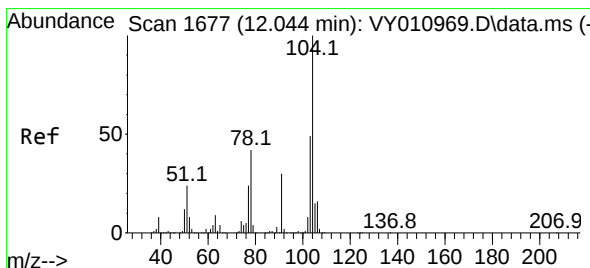
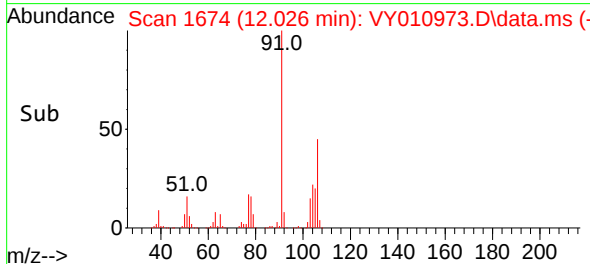
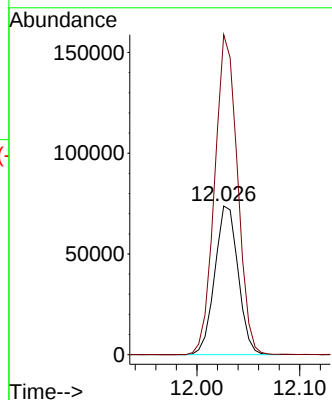
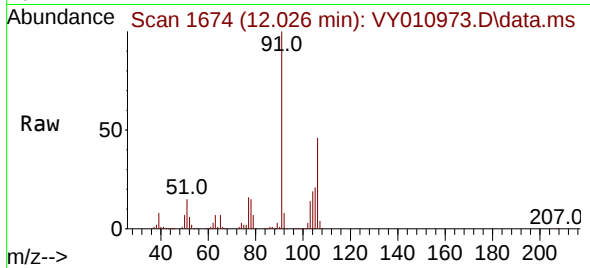
#69
o-Xylene
Concen: 19.773 ug/l
RT: 12.026 min Scan# 106
Delta R.T. 0.000 min
Lab File: VY010973.D
Acq: 17 Oct 2022 15:31

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion:106 Resp: 11628
Ion Ratio Lower Upper
106 100
91 210.9 110.3 331.0

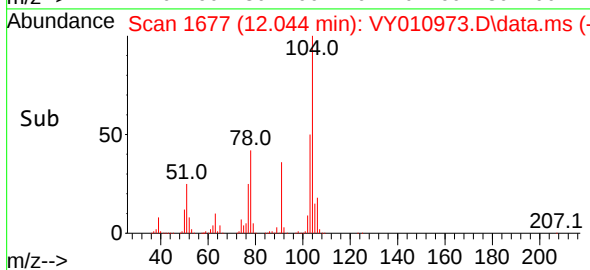
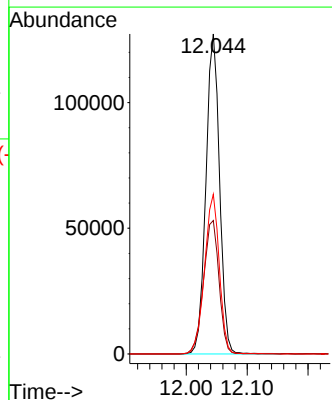
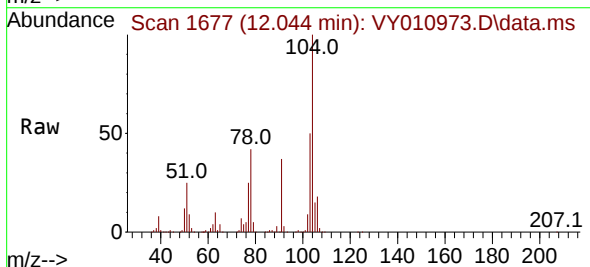
Manual Integrations
APPROVED

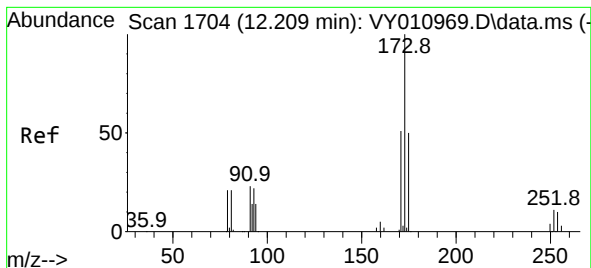
Reviewed By :Krupa Patel 10/18/2022
Supervised By :Mahesh Dadoda 10/19/2022



#70
Styrene
Concen: 19.923 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY010973.D
Acq: 17 Oct 2022 15:31

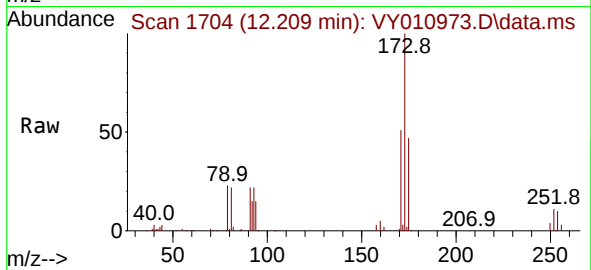
Tgt Ion:104 Resp: 198521
Ion Ratio Lower Upper
104 100
78 47.5 42.4 63.6
103 53.8 44.4 66.6





#71
Bromoform
Concen: 19.517 ug/l
RT: 12.209 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VY010973.D
Acq: 17 Oct 2022 15:31

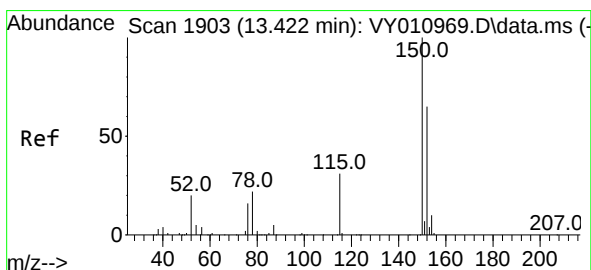
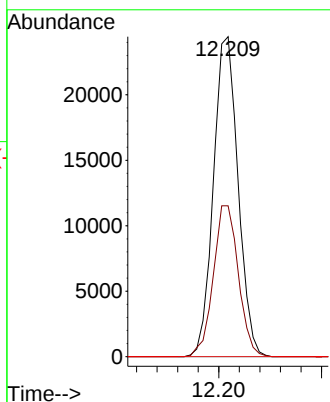
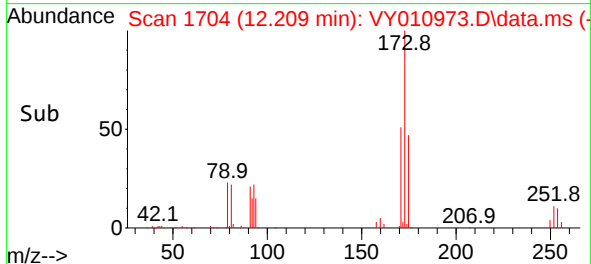
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



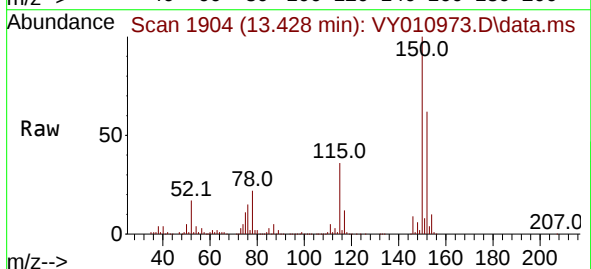
Tgt Ion:173 Resp: 40572
Ion Ratio Lower Upper
173 100
175 48.2 24.6 74.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

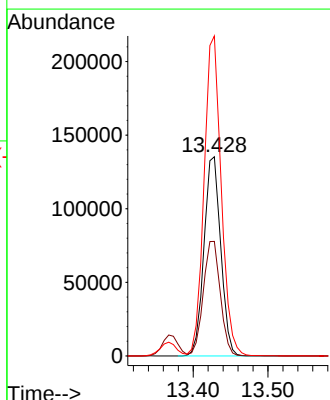
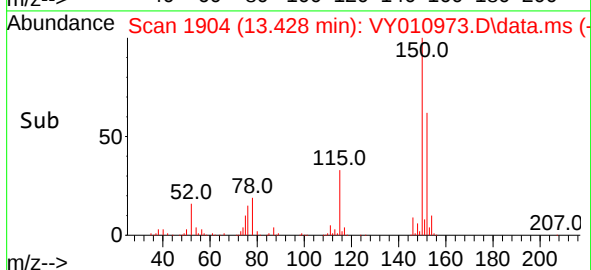
Reviewed By :Krupa Patel 10/18/2022
Supervised By :Mahesh Dadoda 10/19/2022

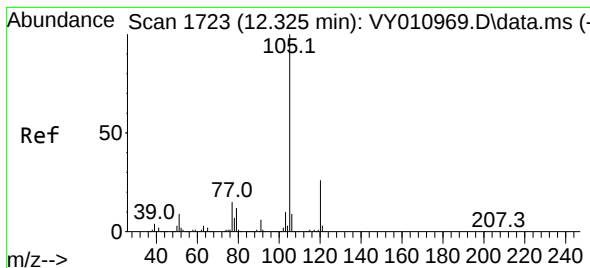


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY010973.D
Acq: 17 Oct 2022 15:31



Tgt Ion:152 Resp: 210536
Ion Ratio Lower Upper
152 100
115 58.4 28.2 84.7
150 164.5 0.0 347.6





#73

Isopropylbenzene

Concen: 20.359 ug/l

RT: 12.331 min Scan# 1724

Delta R.T. 0.006 min

Lab File: VY010973.D

Acq: 17 Oct 2022 15:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

Tgt Ion:105 Resp: 311408

Ion Ratio Lower Upper

105 100

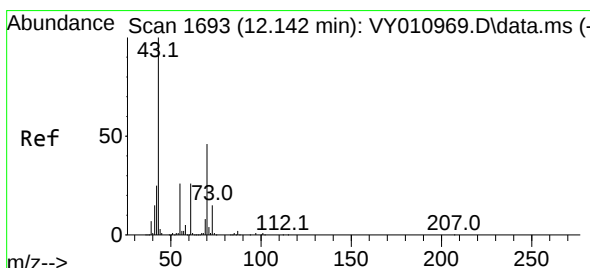
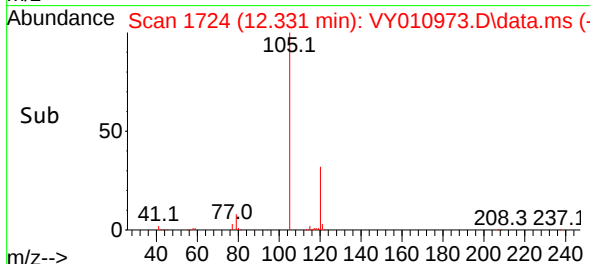
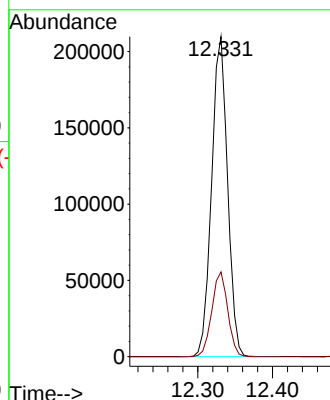
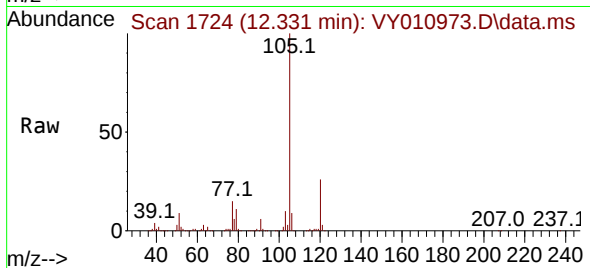
120 26.4 13.4 40.2

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 10/18/2022

Supervised By :Mahesh Dadoda 10/19/2022



#74

N-amy1 acetate

Concen: 19.570 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. 0.000 min

Lab File: VY010973.D

Acq: 17 Oct 2022 15:31

Tgt Ion: 43 Resp: 75949

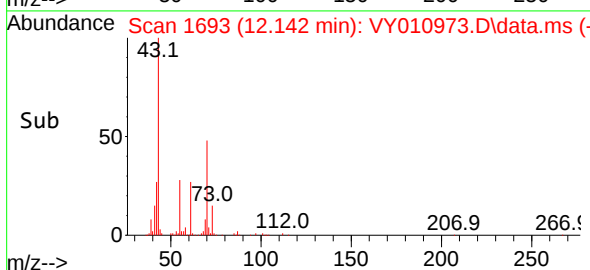
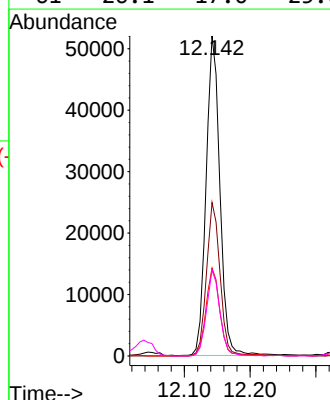
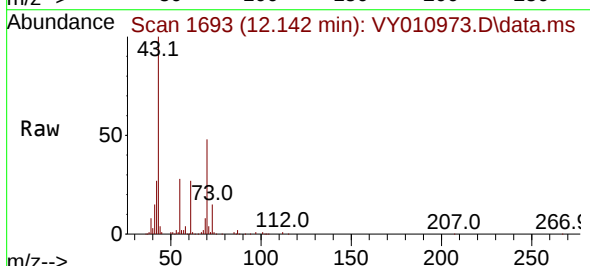
Ion Ratio Lower Upper

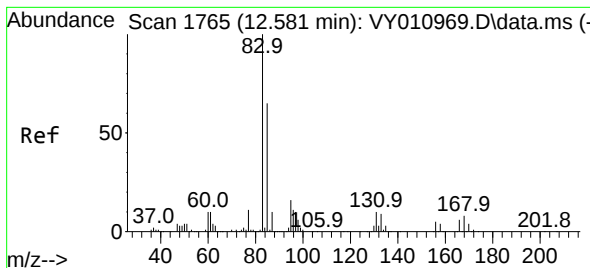
43 100

70 46.9 28.7 43.1#

55 27.9 17.3 25.9#

61 26.1 17.0 25.6#





#75

1,1,2,2-Tetrachloroethane

Concen: 20.087 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. 0.000 min

Lab File: VY010973.D

Acq: 17 Oct 2022 15:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

Tgt Ion: 83 Resp: 6448

Ion Ratio Lower Upper

83 100

131 10.2 5.6 16.8

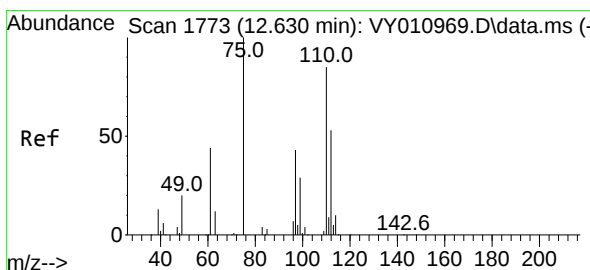
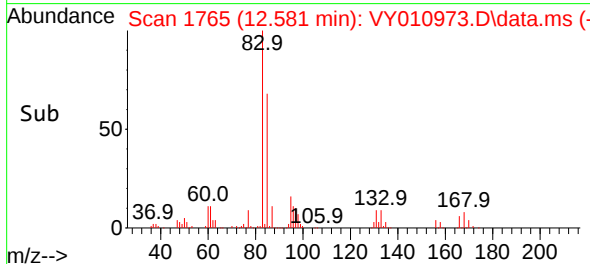
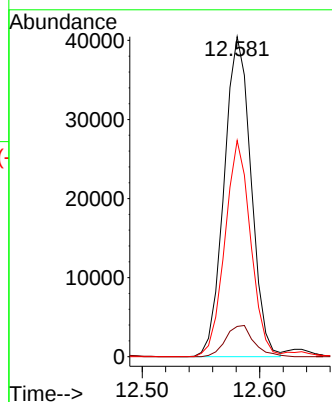
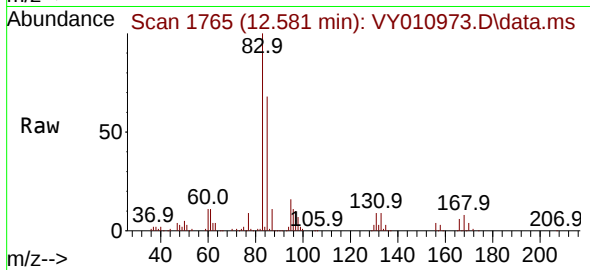
85 64.7 32.3 96.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 10/18/2022

Supervised By :Mahesh Dadoda 10/19/2022



#76

1,2,3-Trichloropropane

Concen: 20.088 ug/l m

RT: 12.636 min Scan# 1774

Delta R.T. 0.006 min

Lab File: VY010973.D

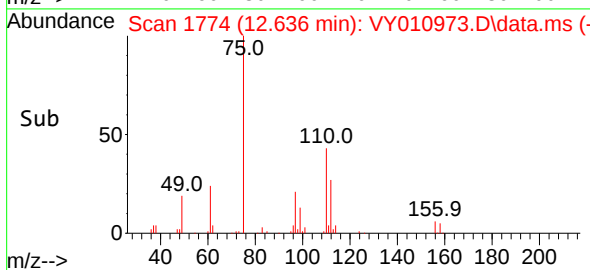
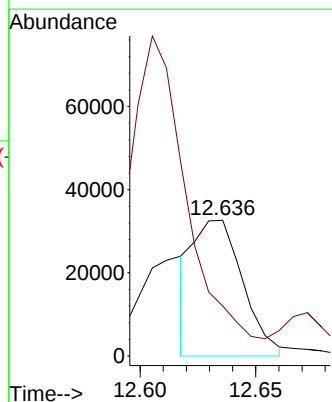
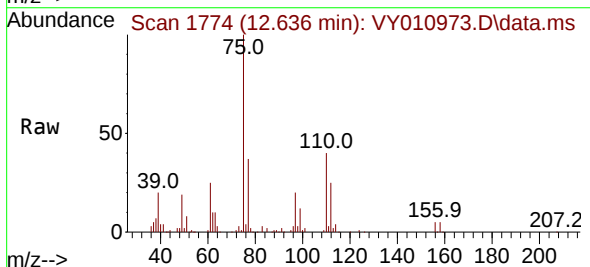
Acq: 17 Oct 2022 15:31

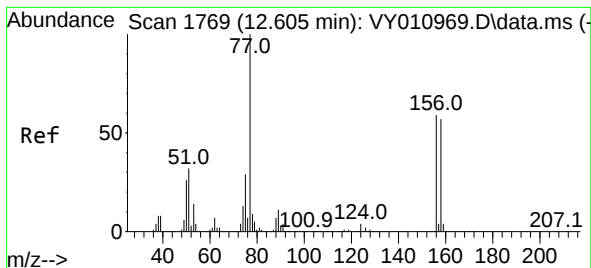
Tgt Ion: 75 Resp: 48994

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.169 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY010973.D

Acq: 17 Oct 2022 15:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

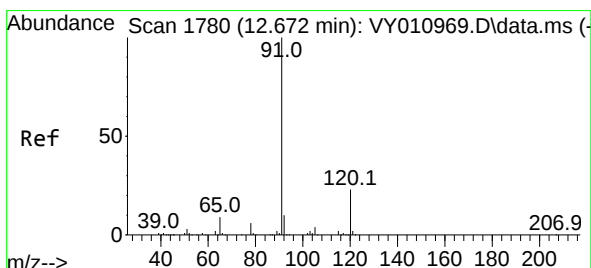
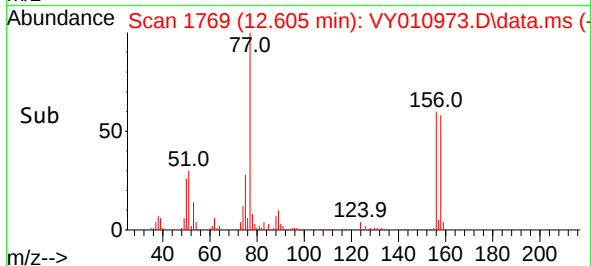
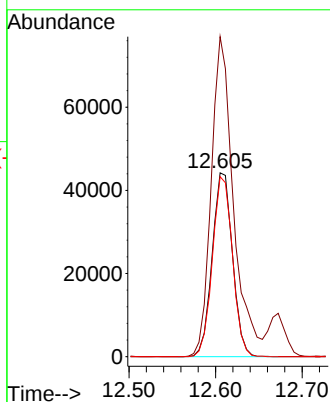
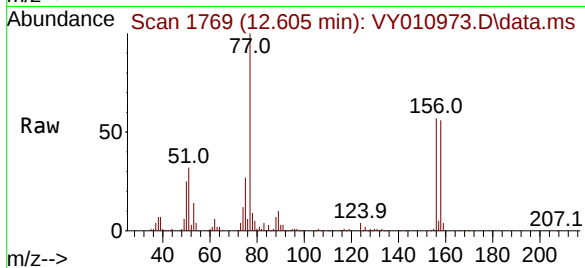
Tgt Ion:	156	Resp:	72114
Ion Ratio	Lower	Upper	
156	100		
77	190.2	95.5	286.4
158	96.7	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 10/18/2022

Supervised By :Mahesh Dadoda 10/19/2022



#78

n-propylbenzene

Concen: 20.549 ug/l

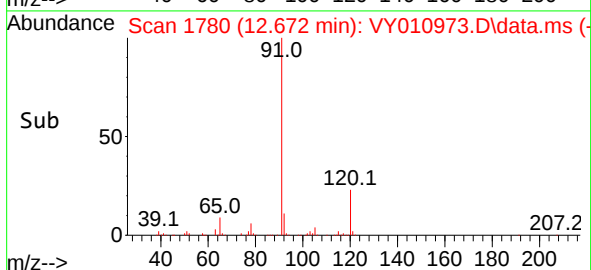
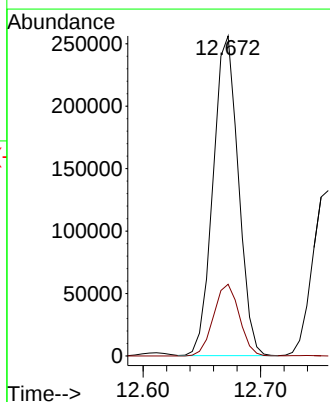
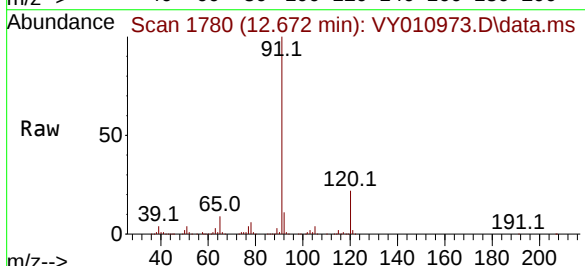
RT: 12.672 min Scan# 1780

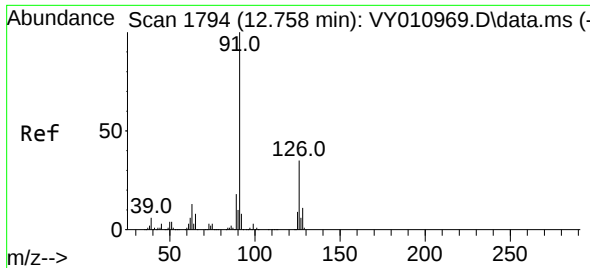
Delta R.T. 0.000 min

Lab File: VY010973.D

Acq: 17 Oct 2022 15:31

Tgt Ion:	91	Resp:	382428
Ion Ratio	Lower	Upper	
91	100		
120	22.9	11.3	33.9





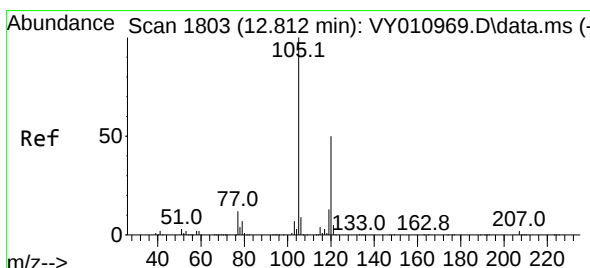
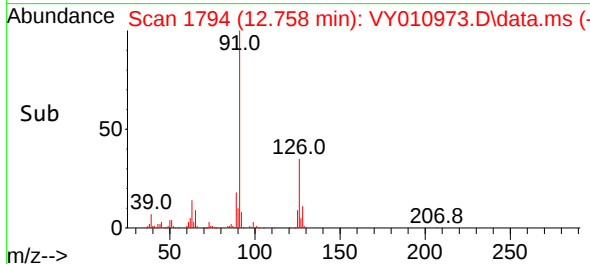
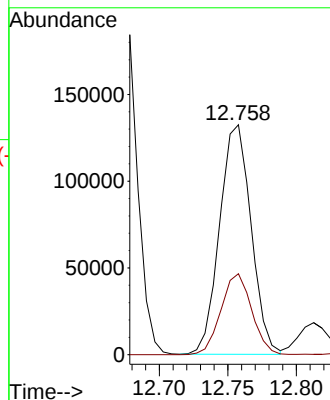
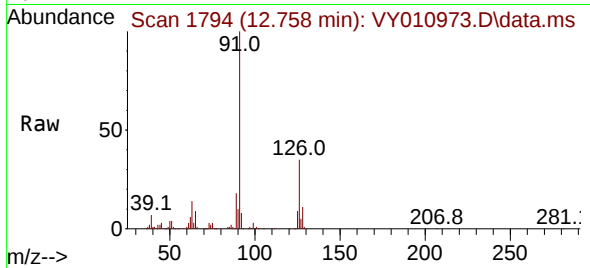
#79
2-Chlorotoluene
Concen: 20.232 ug/l
RT: 12.758 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VY010973.D
Acq: 17 Oct 2022 15:31

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion: 91 Resp: 21204
Ion Ratio Lower Upper
91 100
126 34.4 16.9 50.6

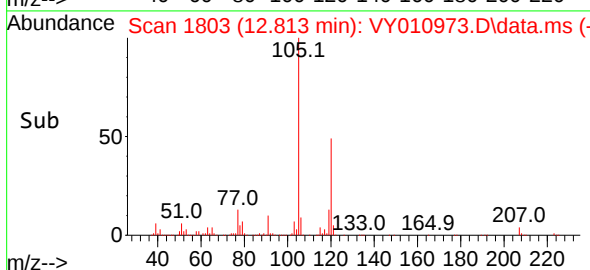
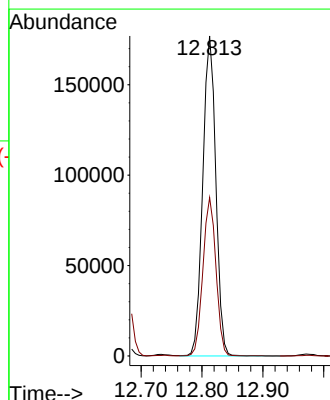
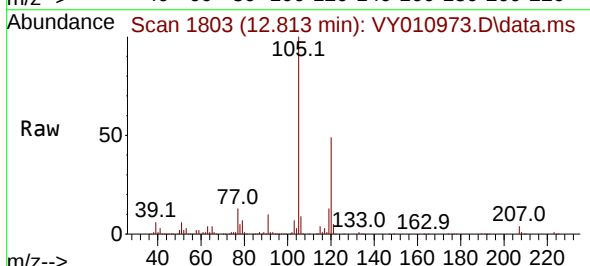
Manual Integrations
APPROVED

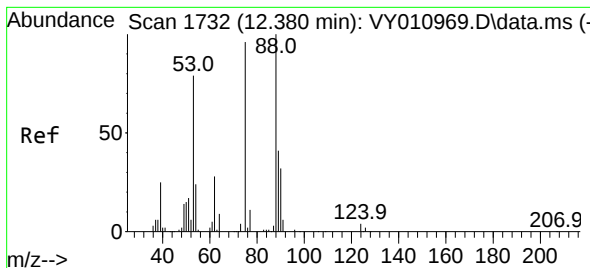
Reviewed By :Krupa Patel 10/18/2022
Supervised By :Mahesh Dadoda 10/19/2022



#80
1,3,5-Trimethylbenzene
Concen: 20.656 ug/l
RT: 12.813 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY010973.D
Acq: 17 Oct 2022 15:31

Tgt Ion:105 Resp: 263616
Ion Ratio Lower Upper
105 100
120 49.4 24.4 73.4





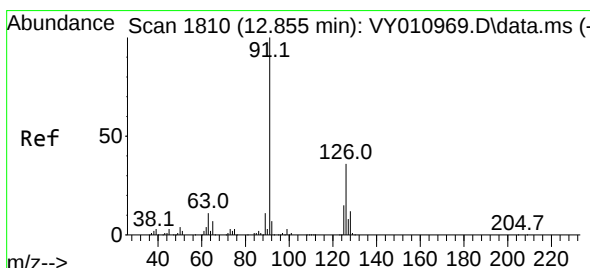
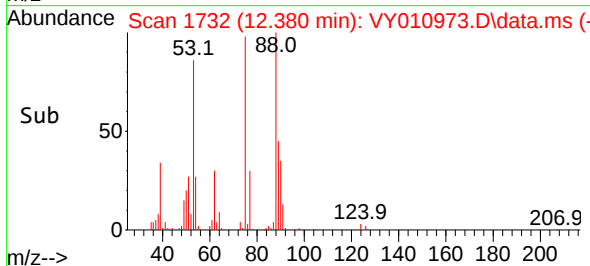
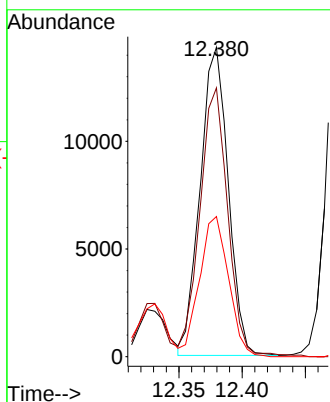
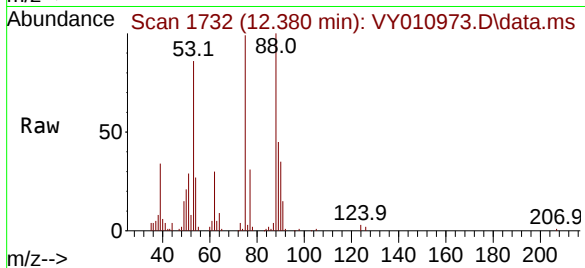
#81
trans-1,4-Dichloro-2-butene
Concen: 19.873 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VY010973.D
Acq: 17 Oct 2022 15:31

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 75 Resp: 22080
Ion Ratio Lower Upper
75 100
53 86.9 85.3 127.9
89 47.2 37.0 55.4

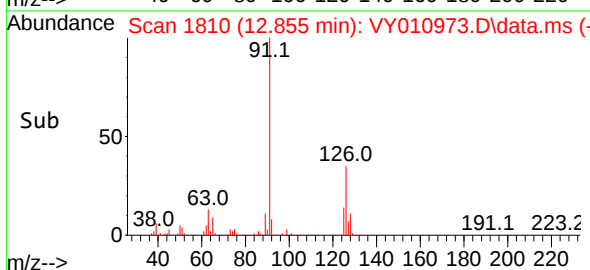
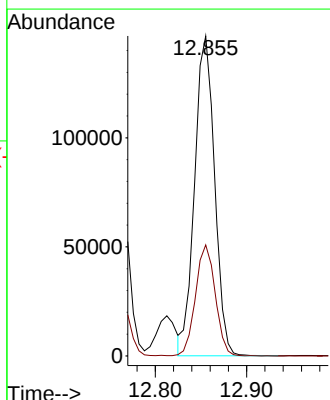
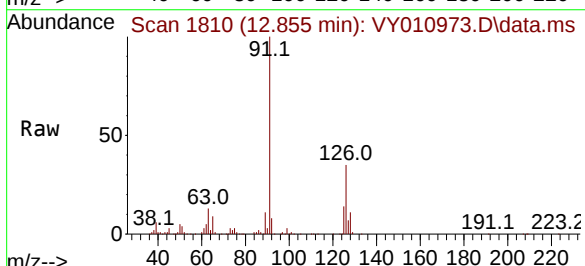
Manual Integrations
APPROVED

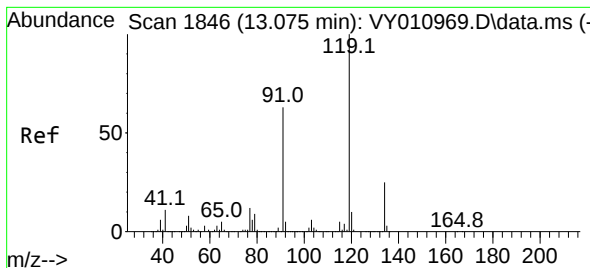
Reviewed By :Krupa Patel 10/18/2022
Supervised By :Mahesh Dadoda 10/19/2022



#82
4-Chlorotoluene
Concen: 20.374 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY010973.D
Acq: 17 Oct 2022 15:31

Tgt Ion: 91 Resp: 222324
Ion Ratio Lower Upper
91 100
126 34.3 17.0 51.0





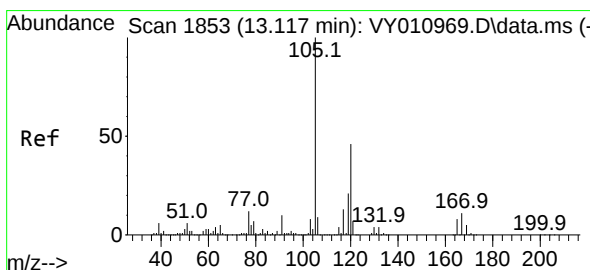
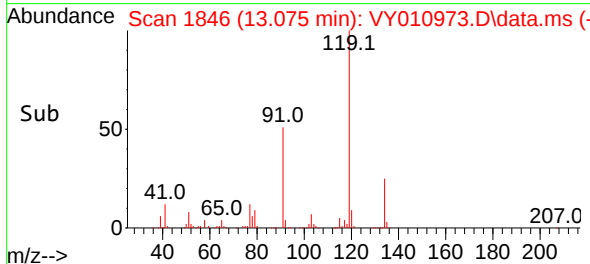
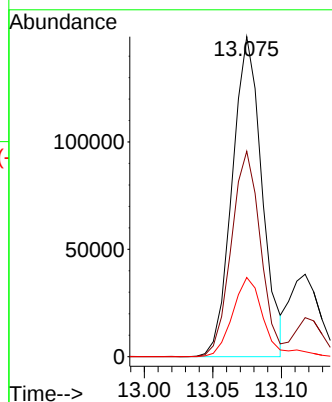
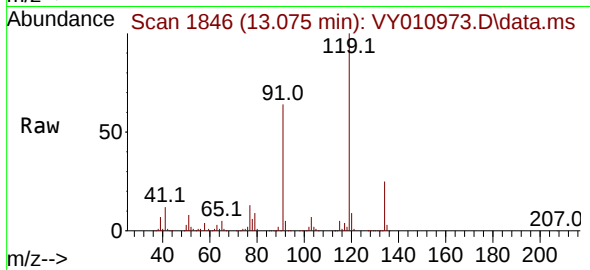
#83
tert-Butylbenzene
Concen: 20.453 ug/l
RT: 13.075 min Scan# 1846
Delta R.T. 0.000 min
Lab File: VY010973.D
Acq: 17 Oct 2022 15:31

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion:119 Resp: 225710
Ion Ratio Lower Upper
119 100
91 62.9 34.8 104.4
134 26.1 13.3 39.9

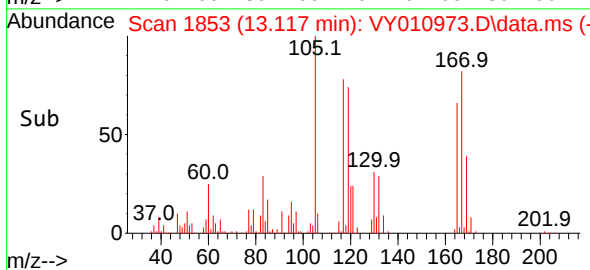
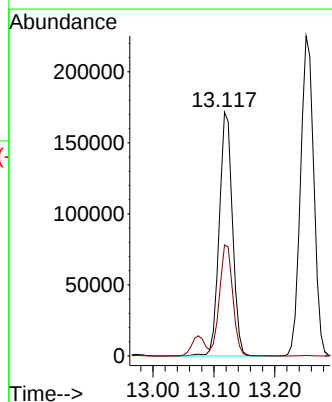
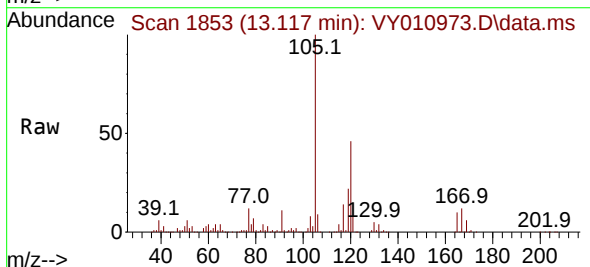
Manual Integrations
APPROVED

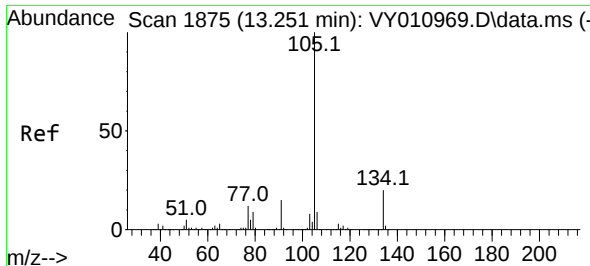
Reviewed By :Krupa Patel 10/18/2022
Supervised By :Mahesh Dadoda 10/19/2022



#84
1,2,4-Trimethylbenzene
Concen: 20.598 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY010973.D
Acq: 17 Oct 2022 15:31

Tgt Ion:105 Resp: 259223
Ion Ratio Lower Upper
105 100
120 45.4 22.3 66.9





#85
 sec-Butylbenzene
 Concen: 20.493 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. 0.000 min
 Lab File: VY010973.D
 Acq: 17 Oct 2022 15:31

Instrument :

MSVOA_Y

ClientSampleId :

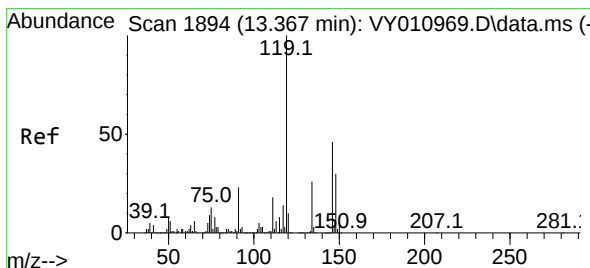
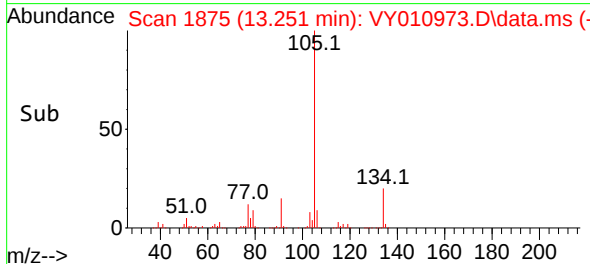
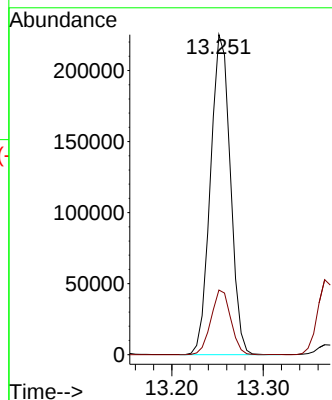
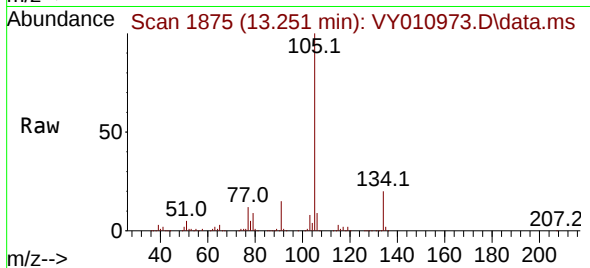
VSTDICC020

Tgt Ion:105 Resp: 339840
 Ion Ratio Lower Upper
 105 100
 134 20.0 10.2 30.4

Manual Integrations

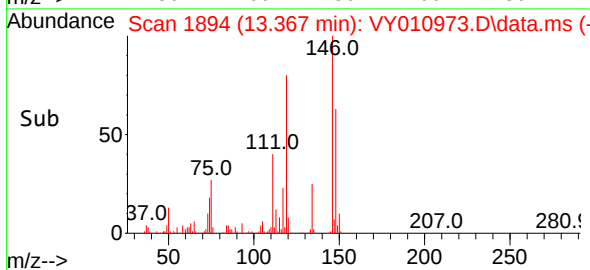
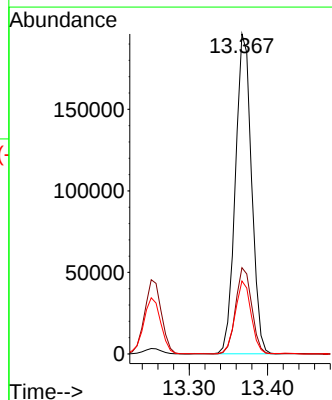
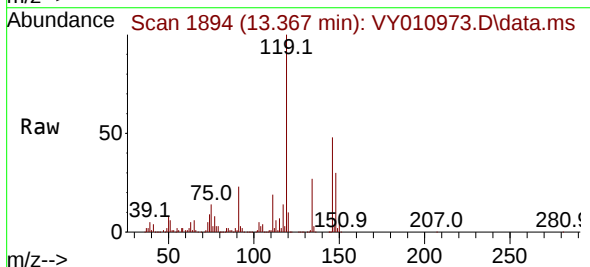
APPROVED

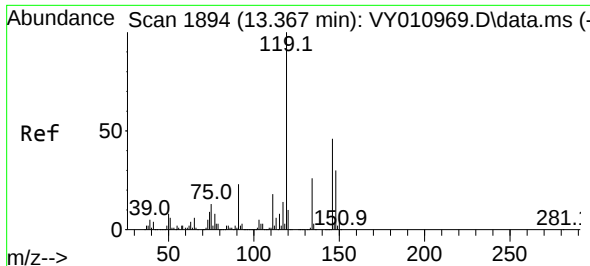
Reviewed By :Krupa Patel 10/18/2022
 Supervised By :Mahesh Dadoda 10/19/2022



#86
 p-Isopropyltoluene
 Concen: 20.416 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: VY010973.D
 Acq: 17 Oct 2022 15:31

Tgt Ion:119 Resp: 280866
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.2 39.5
 91 22.4 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 20.050 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY010973.D

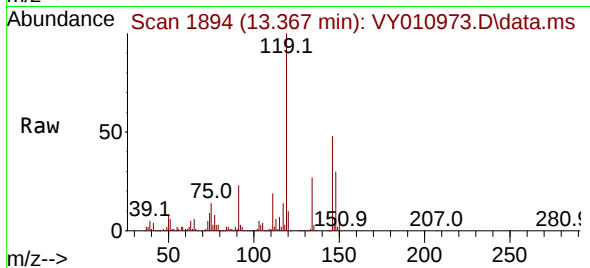
Acq: 17 Oct 2022 15:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020



Tgt Ion:146 Resp: 143068

Ion Ratio Lower Upper

146 100

111 39.7 19.5 58.5

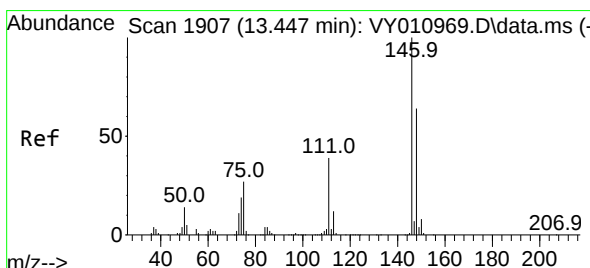
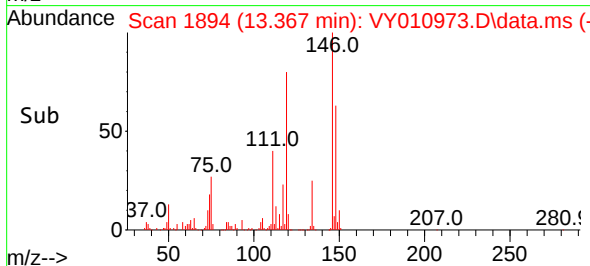
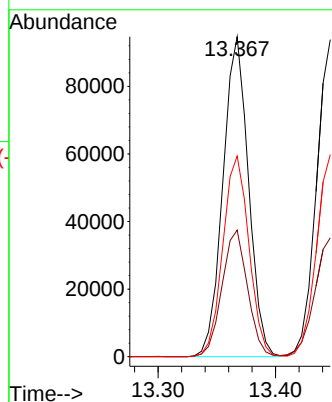
148 64.1 31.6 95.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 10/18/2022

Supervised By :Mahesh Dadoda 10/19/2022



#88

1,4-Dichlorobenzene

Concen: 19.978 ug/l

RT: 13.447 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY010973.D

Acq: 17 Oct 2022 15:31

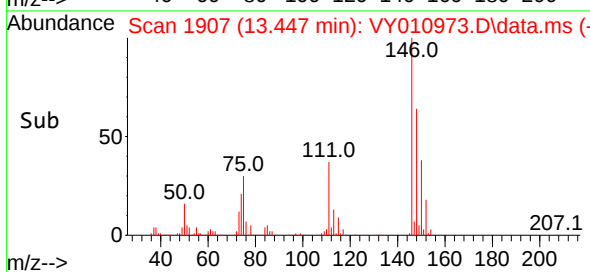
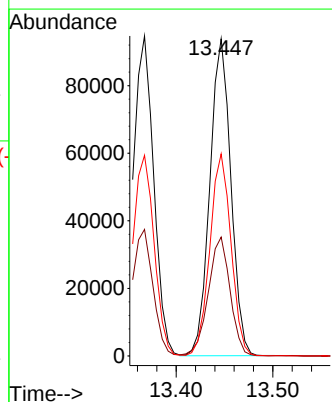
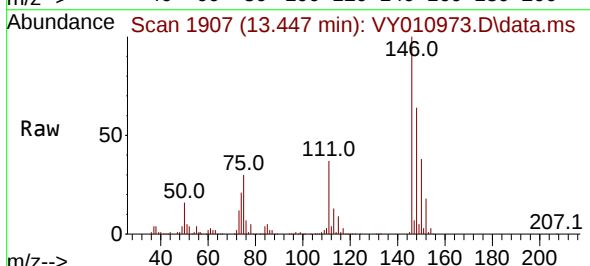
Tgt Ion:146 Resp: 141738

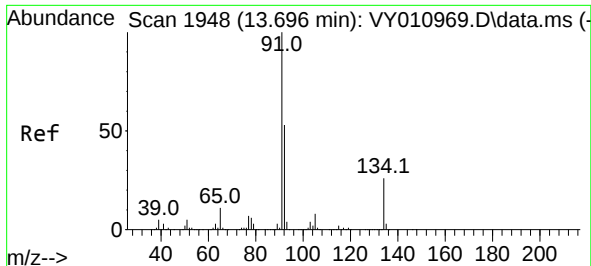
Ion Ratio Lower Upper

146 100

111 38.9 19.3 57.8

148 64.3 32.6 97.8





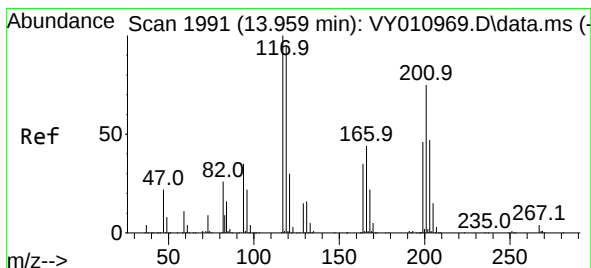
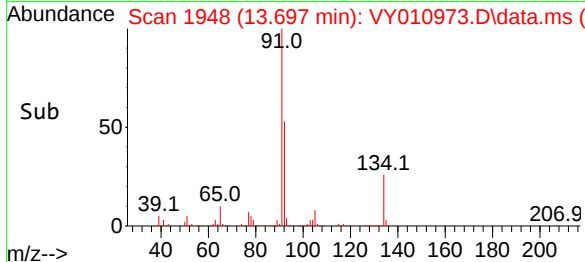
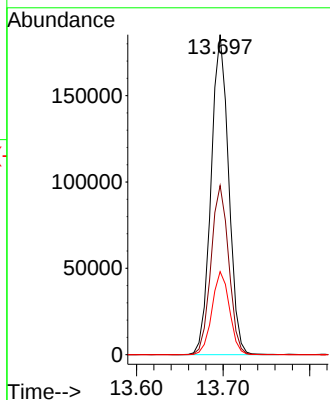
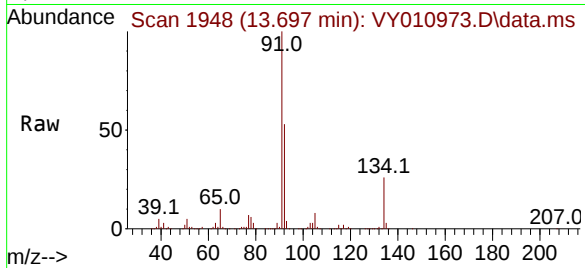
#89
n-Butylbenzene
Concen: 20.325 ug/l
RT: 13.697 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY010973.D
Acq: 17 Oct 2022 15:31

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion: 91 Resp: 261300
Ion Ratio Lower Upper
91 100
92 53.3 26.3 78.9
134 25.8 13.0 38.9

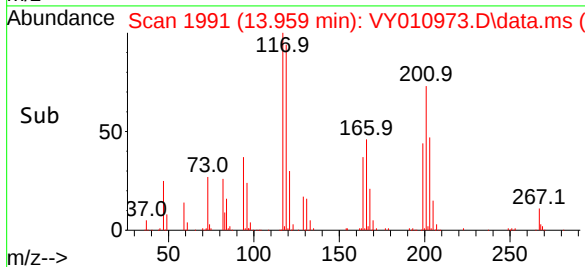
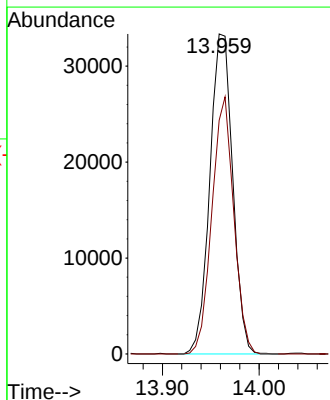
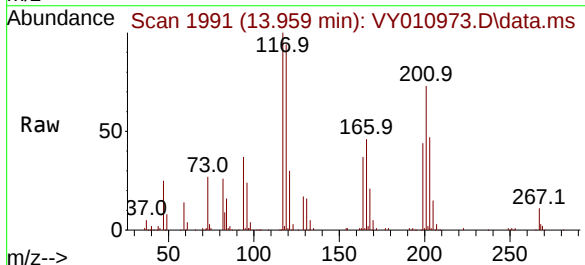
Manual Integrations
APPROVED

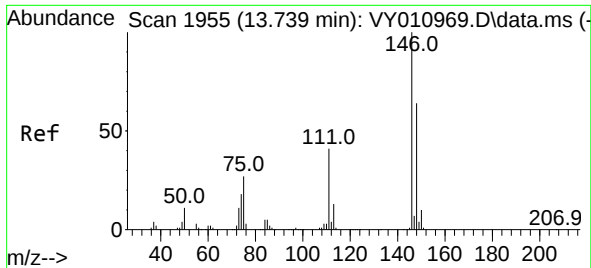
Reviewed By :Krupa Patel 10/18/2022
Supervised By :Mahesh Dadoda 10/19/2022



#90
Hexachloroethane
Concen: 20.161 ug/l
RT: 13.959 min Scan# 1991
Delta R.T. 0.000 min
Lab File: VY010973.D
Acq: 17 Oct 2022 15:31

Tgt Ion:117 Resp: 54739
Ion Ratio Lower Upper
117 100
201 76.8 43.0 128.8





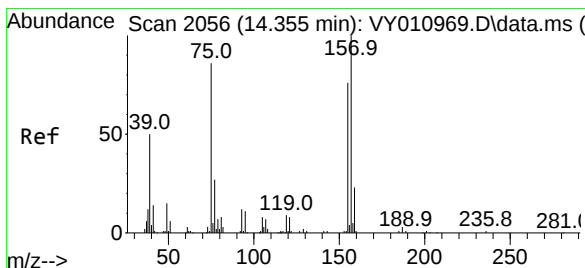
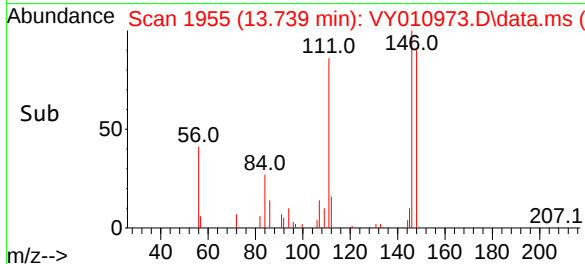
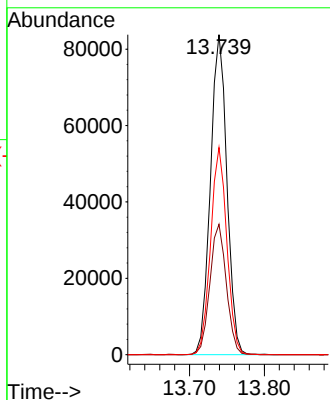
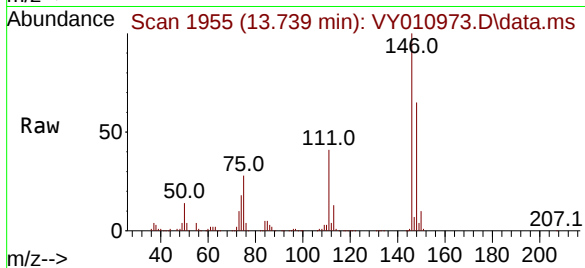
#91
1,2-Dichlorobenzene
Concen: 20.152 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY010973.D
Acq: 17 Oct 2022 15:31

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion:146 Resp: 128650
Ion Ratio Lower Upper
146 100
111 40.7 20.3 60.9
148 63.8 32.3 96.9

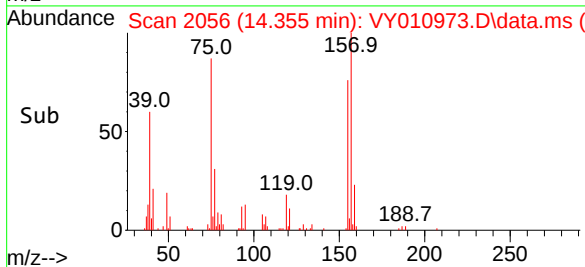
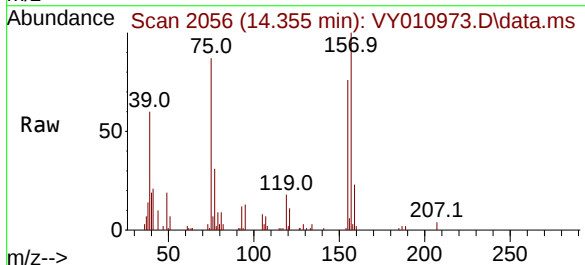
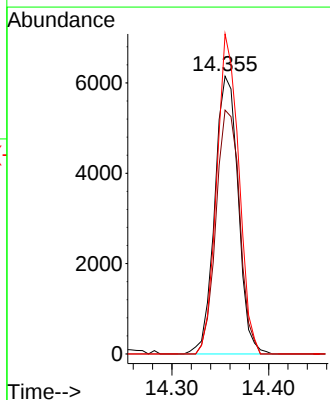
Manual Integrations
APPROVED

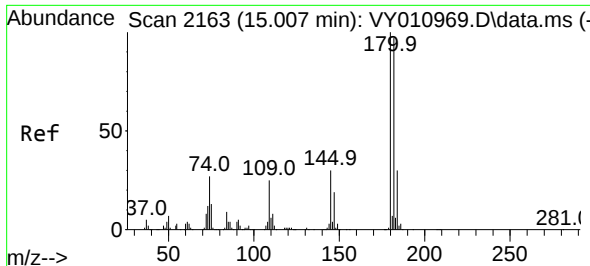
Reviewed By :Krupa Patel 10/18/2022
Supervised By :Mahesh Dadoda 10/19/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.457 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. 0.000 min
Lab File: VY010973.D
Acq: 17 Oct 2022 15:31

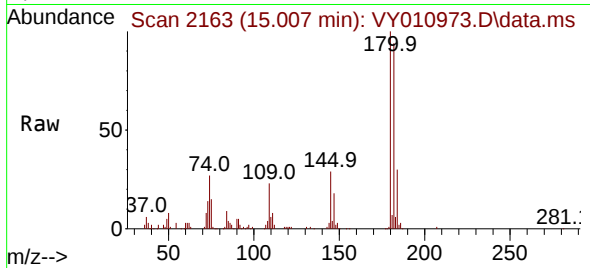
Tgt Ion: 75 Resp: 10327
Ion Ratio Lower Upper
75 100
155 88.7 38.0 113.9
157 108.5 47.8 143.3





#93
1,2,4-Trichlorobenzene
Concen: 19.695 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. 0.000 min
Lab File: VY010973.D
Acq: 17 Oct 2022 15:31

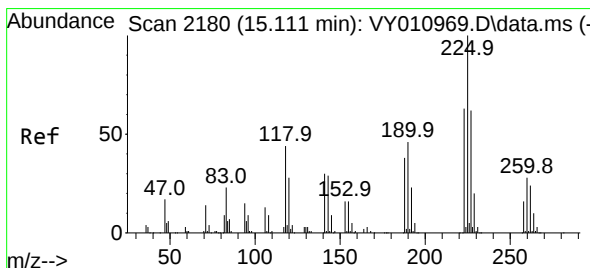
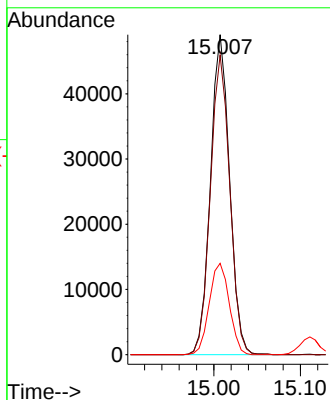
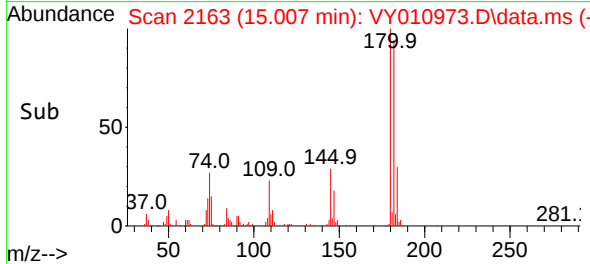
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



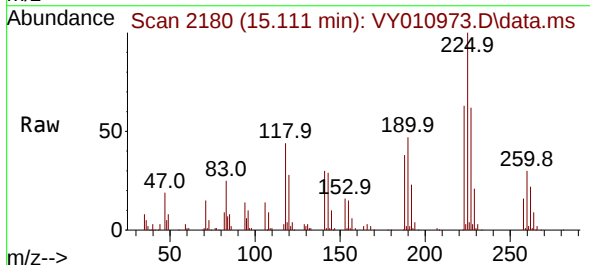
Tgt Ion:180 Resp: 7514
Ion Ratio Lower Upper
180 100
182 95.0 47.3 141.9
145 30.0 14.6 43.8

Manual Integrations
APPROVED

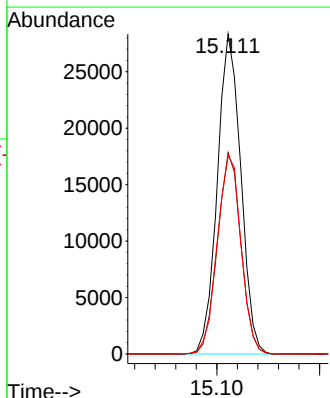
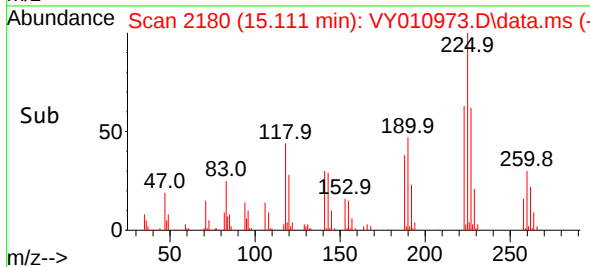
Reviewed By :Krupa Patel 10/18/2022
Supervised By :Mahesh Dadoda 10/19/2022

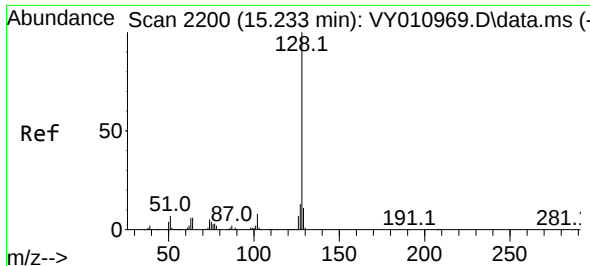


#94
Hexachlorobutadiene
Concen: 20.017 ug/l
RT: 15.111 min Scan# 2180
Delta R.T. 0.000 min
Lab File: VY010973.D
Acq: 17 Oct 2022 15:31



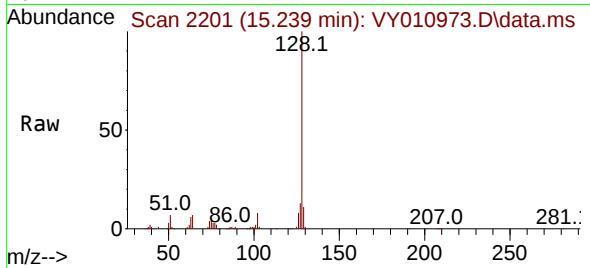
Tgt Ion:225 Resp: 44957
Ion Ratio Lower Upper
225 100
223 62.6 30.8 92.3
227 63.0 31.6 94.7





#95
Naphthalene
Concen: 19.673 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. 0.006 min
Lab File: VY010973.D
Acq: 17 Oct 2022 15:31

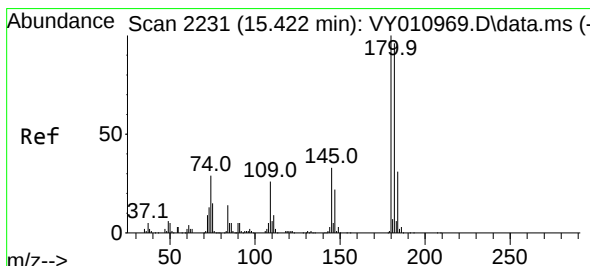
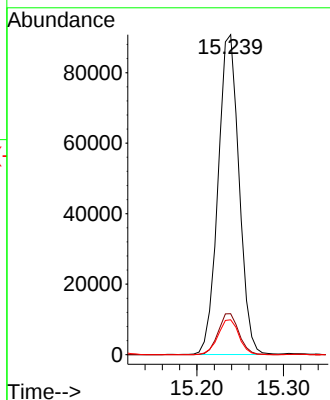
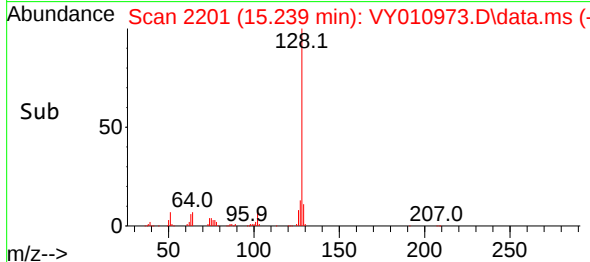
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



Tgt Ion:128 Resp: 152872
Ion Ratio Lower Upper
128 100
127 12.7 11.0 16.4
129 10.9 8.4 12.6

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 10/18/2022
Supervised By :Mahesh Dadoda 10/19/2022



#96
1,2,3-Trichlorobenzene
Concen: 19.774 ug/l
RT: 15.422 min Scan# 2231
Delta R.T. 0.000 min
Lab File: VY010973.D
Acq: 17 Oct 2022 15:31

Tgt Ion:180 Resp: 65821
Ion Ratio Lower Upper
180 100
182 94.8 47.3 141.9
145 31.6 15.3 45.9

