

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101722\
 Data File : VY010968.D
 Acq On : 17 Oct 2022 12:18
 Operator : KP/MD
 Sample : VSTDICC020
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC020

Manual Integrations
 APPROVED

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

Quant Time: Oct 18 01:13:52 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	290245	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	468516	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	419631	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	202632	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	55418	20.728	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	41.460%#
35) Dibromofluoromethane	7.716	113	74810	26.263	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	52.520%#
50) Toluene-d8	10.179	98	180370	18.438	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	36.880%#
62) 4-Bromofluorobenzene	12.483	95	123187	31.482	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	62.960%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.900	85	36644	19.034	ug/l	97
3) Chloromethane	2.113	50	54667	19.792	ug/l	95
4) Vinyl Chloride	2.247	62	62149	19.852	ug/l	98
5) Bromomethane	2.631	94	41074	18.969	ug/l	99
6) Chloroethane	2.784	64	41738	19.951	ug/l	97
7) Trichlorofluoromethane	3.119	101	91064	19.874	ug/l	93
8) Diethyl Ether	3.521	74	32099	18.772	ug/l	84
9) 1,1,2-Trichlorotrifluo...	3.893	101	57033	19.843	ug/l	93
10) Methyl Iodide	4.082	142	70589	20.071	ug/l	89
11) Tert butyl alcohol	4.954	59	33992	94.064	ug/l	98
12) 1,1-Dichloroethene	3.863	96	54584	19.825	ug/l	87
13) Acrolein	3.723	56	41447	96.162	ug/l	97
14) Allyl chloride	4.472	41	84171	19.278	ug/l #	87
15) Acrylonitrile	5.149	53	85258	95.654	ug/l	96
16) Acetone	3.942	43	64365	82.902	ug/l #	87
17) Carbon Disulfide	4.186	76	162400	20.119	ug/l	99
18) Methyl Acetate	4.472	43	46171	18.571	ug/l #	91
19) Methyl tert-butyl Ether	5.216	73	146583	19.055	ug/l	97
20) Methylene Chloride	4.704	84	75191	17.013	ug/l #	81
21) trans-1,2-Dichloroethene	5.210	96	62202	20.011	ug/l	90
22) Diisopropyl ether	6.112	45	183983	19.675	ug/l #	94
23) Vinyl Acetate	6.058	43	536235	95.896	ug/l #	93
24) 1,1-Dichloroethane	6.015	63	110888	19.640	ug/l	99
25) 2-Butanone	6.984	43	104423	88.687	ug/l #	86
26) 2,2-Dichloropropane	6.972	77	95294	19.007	ug/l	95
27) cis-1,2-Dichloroethene	6.978	96	69637	19.439	ug/l	91
28) Bromochloromethane	7.332	49	22893	13.009	ug/l	91
29) Tetrahydrofuran	7.344	42	67837	93.644	ug/l #	86
30) Chloroform	7.502	83	112602	19.785	ug/l	98
31) Cyclohexane	7.783	56	100476	19.639	ug/l	87
32) 1,1,1-Trichloroethane	7.697	97	97789	19.547	ug/l	96
36) 1,1-Dichloropropene	7.911	75	85834	19.680	ug/l	97
37) Ethyl Acetate	7.069	43	46175	19.121	ug/l #	94
38) Carbon Tetrachloride	7.893	117	87977	19.541	ug/l	99
39) Methylcyclohexane	9.179	83	102771	19.673	ug/l	93
40) Benzene	8.155	78	252079	19.698	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	22202m	16.587	ug/l	
42) 1,2-Dichloroethane	8.234	62	69302	19.545	ug/l	91
43) Isopropyl Acetate	8.271	43	81330	18.851	ug/l #	88
44) Trichloroethene	8.935	130	67369	19.426	ug/l	95
45) 1,2-Dichloropropane	9.209	63	64363	19.823	ug/l	95
46) Dibromomethane	9.307	93	35340	19.515	ug/l	96
47) Bromodichloromethane	9.496	83	85534	19.600	ug/l	98
48) Methyl methacrylate	9.289	41	35944	18.616	ug/l #	78
49) 1,4-Dioxane	9.295	88	9664	371.415	ug/l #	90
51) 4-Methyl-2-Pentanone	10.069	43	225660	93.788	ug/l	88
52) Toluene	10.240	92	157667	19.832	ug/l	96
53) t-1,3-Dichloropropene	10.465	75	87051	19.201	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	100706	19.411	ug/l #	81
55) 1,1,2-Trichloroethane	10.642	97	50738	19.421	ug/l	99
56) Ethyl methacrylate	10.508	69	64966	18.723	ug/l #	77
57) 1,3-Dichloropropane	10.788	76	87756	19.537	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	114569	74.501	ug/l	96
59) 2-Hexanone	10.831	43	153553	92.907	ug/l	87
60) Dibromochloromethane	10.983	129	59381	19.115	ug/l	99
61) 1,2-Dibromoethane	11.087	107	48852	19.526	ug/l	99
64) Tetrachloroethene	10.721	164	64347	19.699	ug/l	99
65) Chlorobenzene	11.514	112	169556	19.681	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	62273	19.529	ug/l	97
67) Ethyl Benzene	11.593	91	298397	19.578	ug/l	98
68) m/p-Xylenes	11.703	106	233320	39.795	ug/l	94
69) o-Xylene	12.026	106	107833	19.369	ug/l	96
70) Styrene	12.044	104	184440	19.552	ug/l	96
71) Bromoform	12.209	173	37282	18.944	ug/l #	99
73) Isopropylbenzene	12.331	105	290476	19.731	ug/l	99
74) N-amyl acetate	12.142	43	69686	18.657	ug/l #	84
75) 1,1,2,2-Tetrachloroethane	12.581	83	60112	19.456	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	44551m	18.979	ug/l	
77) Bromobenzene	12.605	156	67381	19.581	ug/l	98
78) n-propylbenzene	12.672	91	355687	19.858	ug/l	99
79) 2-Chlorotoluene	12.758	91	198675	19.696	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	245082	19.953	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	20664	19.318	ug/l #	84
82) 4-Chlorotoluene	12.855	91	206994	19.709	ug/l	100
83) tert-Butylbenzene	13.075	119	209124	19.688	ug/l	93
84) 1,2,4-Trimethylbenzene	13.117	105	242537	20.024	ug/l	99
85) sec-Butylbenzene	13.251	105	317167	19.871	ug/l	99
86) p-Isopropyltoluene	13.367	119	260907	19.705	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	134264	19.550	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	133483	19.548	ug/l	98
89) n-Butylbenzene	13.696	91	242292	19.582	ug/l	99
90) Hexachloroethane	13.959	117	51962	19.885	ug/l	88
91) 1,2-Dichlorobenzene	13.739	146	120397	19.594	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	9605	18.803	ug/l	87
93) 1,2,4-Trichlorobenzene	15.007	180	68828	18.742	ug/l	99
94) Hexachlorobutadiene	15.111	225	41444	19.173	ug/l	97
95) Naphthalene	15.233	128	135181	18.075	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	59330	18.519	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 APPROVED

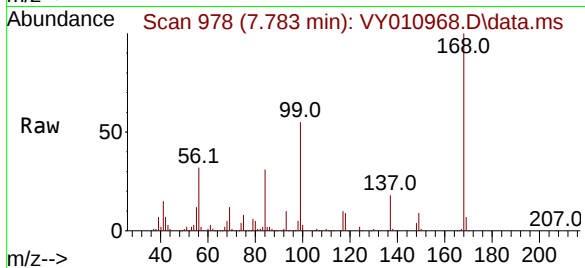
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY010968.D
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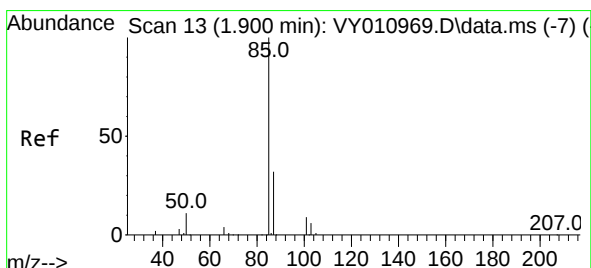
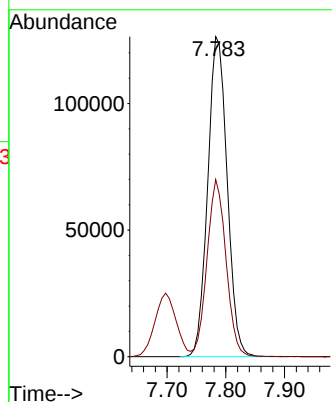
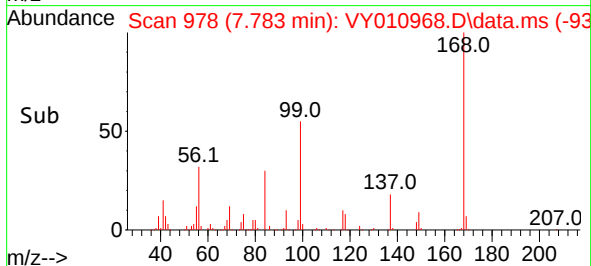
Instrument :
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ClientSampleId :
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Tgt Ion:168 Resp: 29024
Ion Ratio Lower Upper
168 100
99 55.3 46.9 70.3

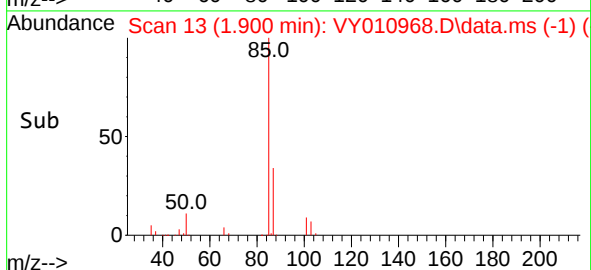
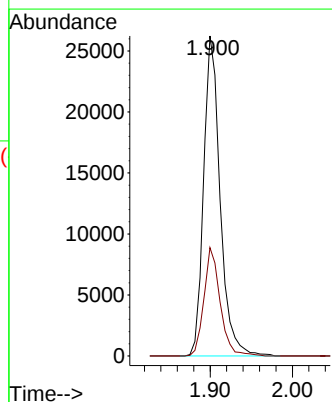
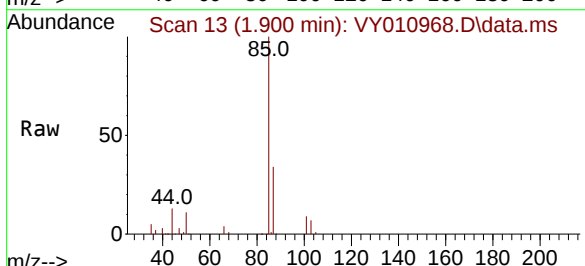
Manual Integrations
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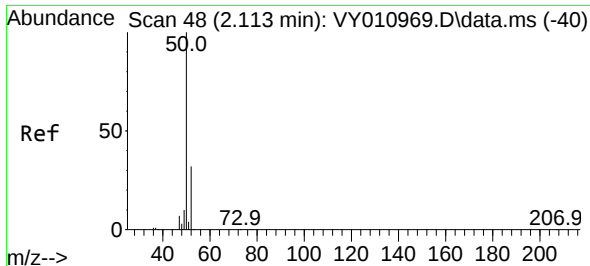
Reviewed By :Krupa Patel 10/18/2022
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#2
Dichlorodifluoromethane
Concen: 19.034 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY010968.D
Acq: 17 Oct 2022 12:18

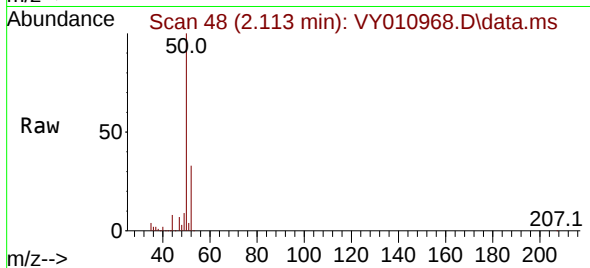
Tgt Ion: 85 Resp: 36644
Ion Ratio Lower Upper
85 100
87 33.9 16.1 48.2





#3
Chloromethane
Concen: 19.792 ug/l
RT: 2.113 min Scan# 48
Delta R.T. -0.000 min
Lab File: VY010968.D
Acq: 17 Oct 2022 12:18

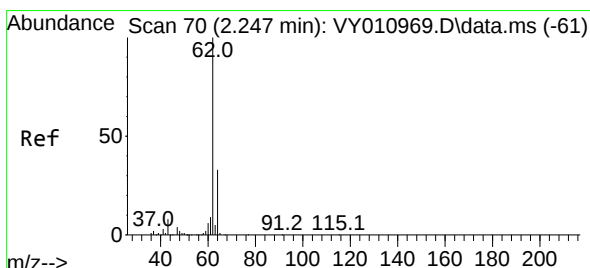
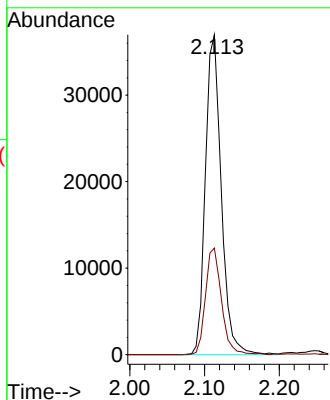
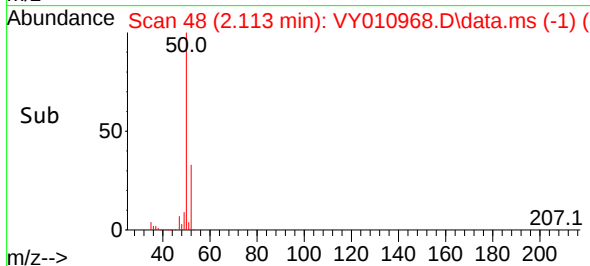
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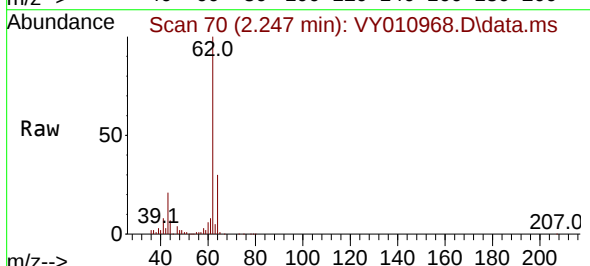
Tgt Ion: 50 Resp: 5466
Ion Ratio Lower Upper
50 100
52 33.3 24.6 37.0

Manual Integrations
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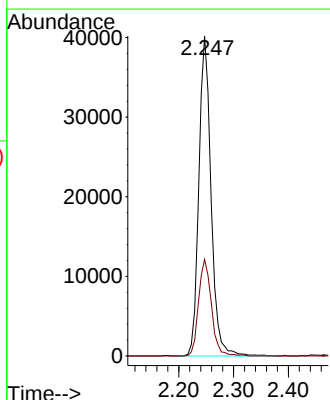
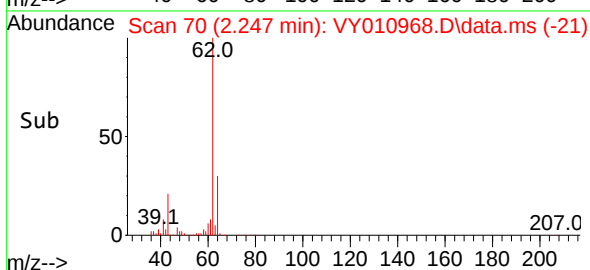
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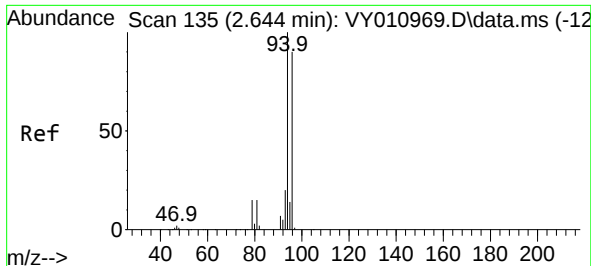


#4
Vinyl Chloride
Concen: 19.852 ug/l
RT: 2.247 min Scan# 70
Delta R.T. -0.000 min
Lab File: VY010968.D
Acq: 17 Oct 2022 12:18



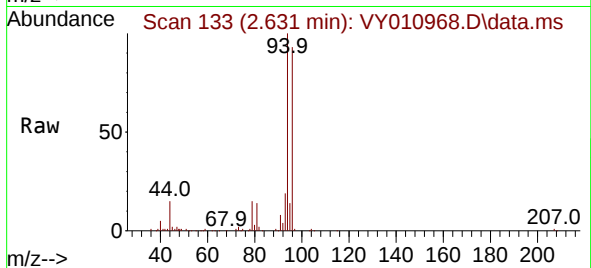
Tgt Ion: 62 Resp: 62149
Ion Ratio Lower Upper
62 100
64 30.2 25.0 37.6





#5
Bromomethane
Concen: 18.969 ug/l
RT: 2.631 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY010968.D
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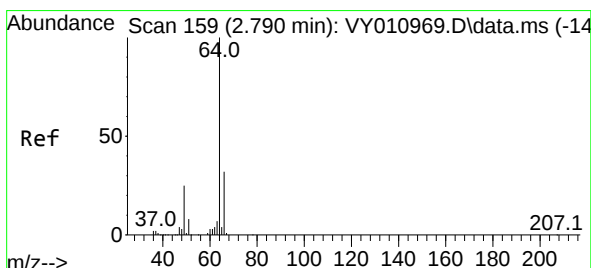
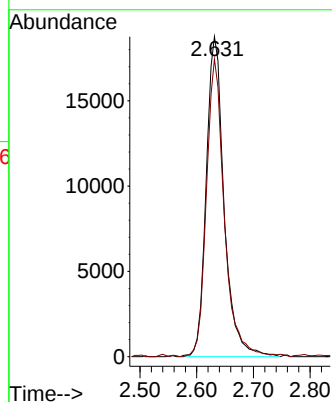
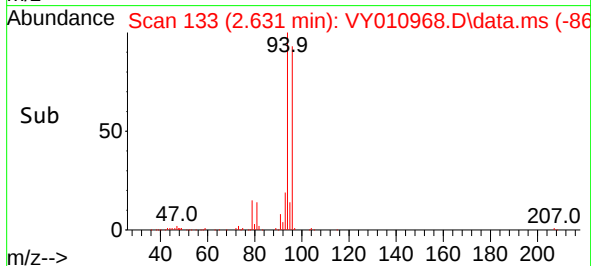
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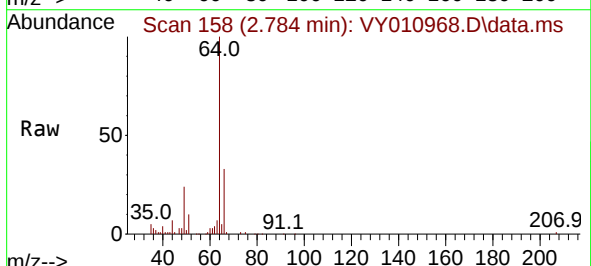
Tgt Ion: 94 Resp: 41074
Ion Ratio Lower Upper
94 100
96 93.0 73.5 110.3

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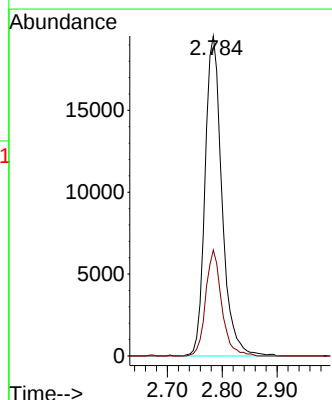
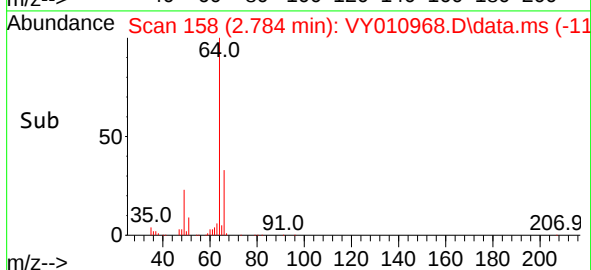
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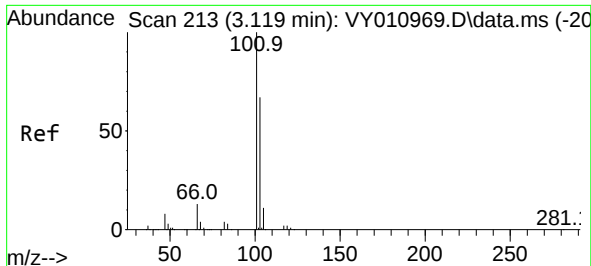


#6
Chloroethane
Concen: 19.951 ug/l
RT: 2.784 min Scan# 158
Delta R.T. -0.006 min
Lab File: VY010968.D
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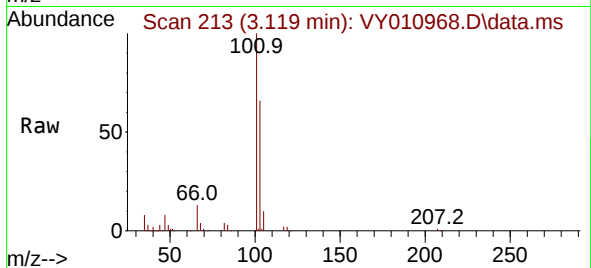
Tgt Ion: 64 Resp: 41738
Ion Ratio Lower Upper
64 100
66 33.1 25.4 38.0





#7
Trichlorofluoromethane
Concen: 19.874 ug/l
RT: 3.119 min Scan# 213
Delta R.T. -0.000 min
Lab File: VY010968.D
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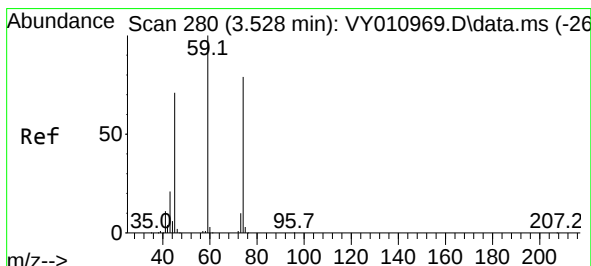
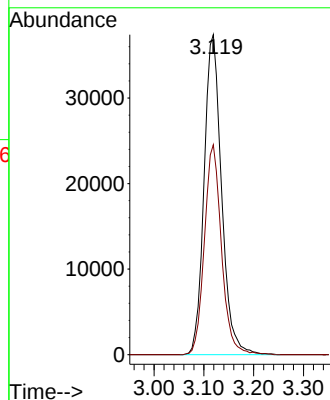
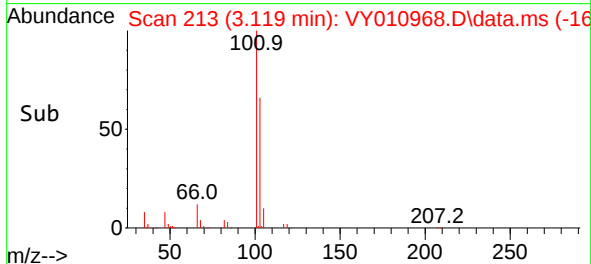
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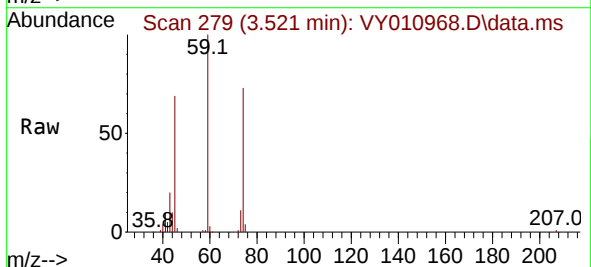
Tgt Ion:101 Resp: 91064
Ion Ratio Lower Upper
101 100
103 65.6 48.0 72.0

Manual Integrations
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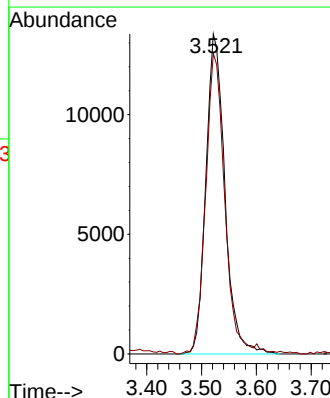
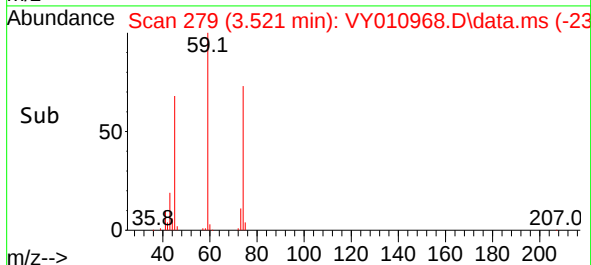
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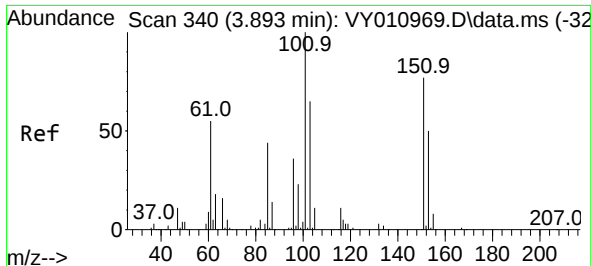


#8
Diethyl Ether
Concen: 18.772 ug/l
RT: 3.521 min Scan# 279
Delta R.T. -0.006 min
Lab File: VY010968.D
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Tgt Ion: 74 Resp: 32099
Ion Ratio Lower Upper
74 100
45 93.7 55.1 165.5





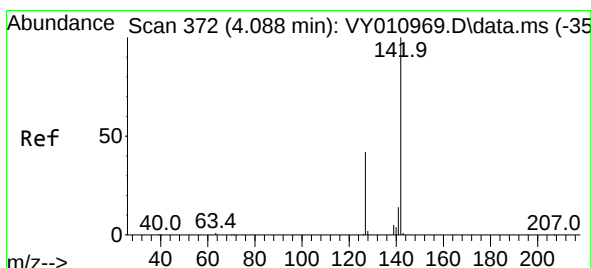
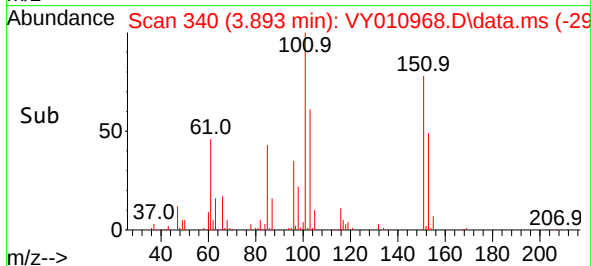
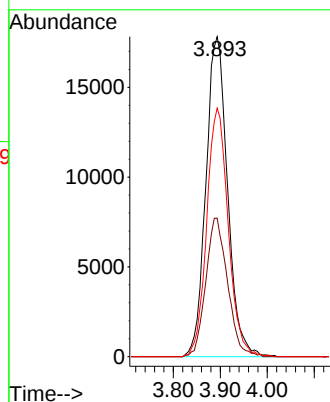
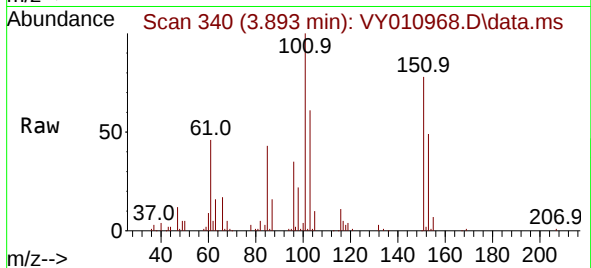
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.843 ug/l
RT: 3.893 min Scan# 340
Delta R.T. -0.000 min
Lab File: VY010968.D
Acq: 17 Oct 2022 12:18

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion:101 Resp: 5703
Ion Ratio Lower Upper
101 100
85 43.5 40.6 60.8
151 77.2 64.9 97.3

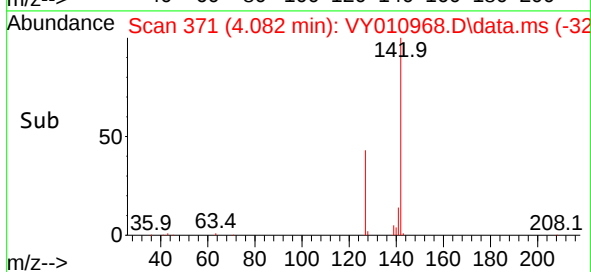
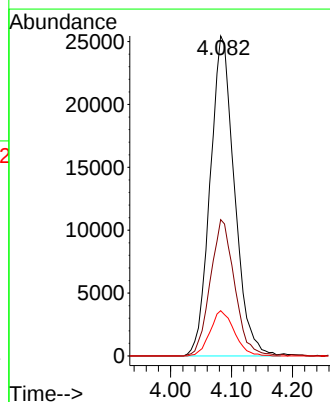
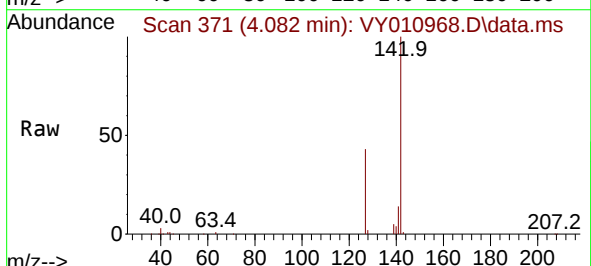
Manual Integrations
APPROVED

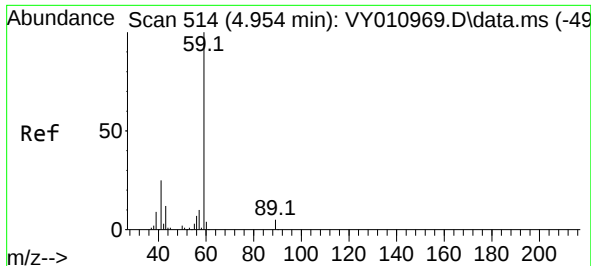
Reviewed By :Krupa Patel 10/18/2022
Supervised By :Mahesh Dadoda 10/19/2022



#10
Methyl Iodide
Concen: 20.071 ug/l
RT: 4.082 min Scan# 371
Delta R.T. -0.006 min
Lab File: VY010968.D
Acq: 17 Oct 2022 12:18

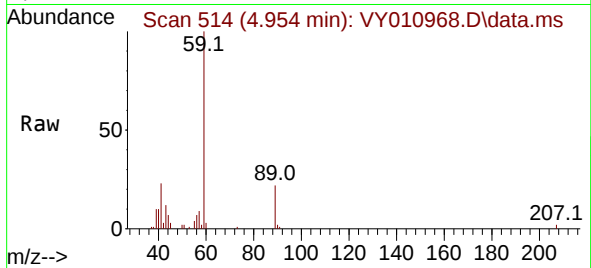
Tgt Ion:142 Resp: 70589
Ion Ratio Lower Upper
142 100
127 42.6 41.5 62.3
141 14.1 11.9 17.9





#11
Tert butyl alcohol
Concen: 94.064 ug/l
RT: 4.954 min Scan# 514
Delta R.T. -0.000 min
Lab File: VY010968.D
Acq: 17 Oct 2022 12:18

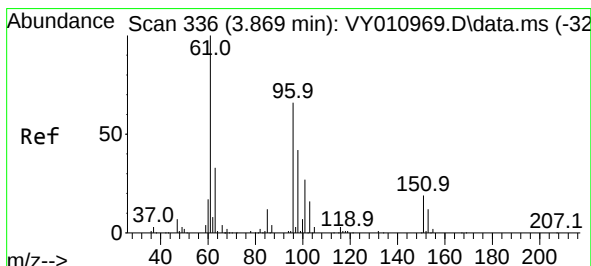
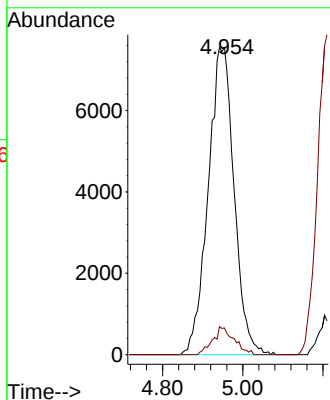
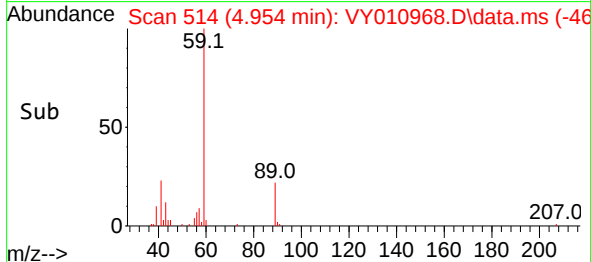
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



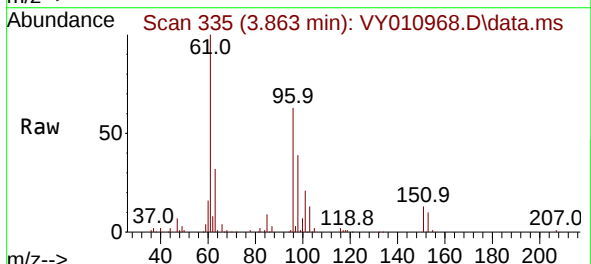
Tgt Ion: 59 Resp: 33992
Ion Ratio Lower Upper
59 100
57 7.4 6.4 9.6

Manual Integrations
APPROVED

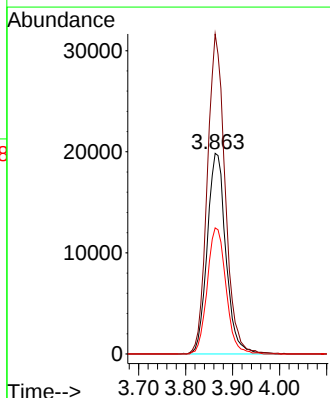
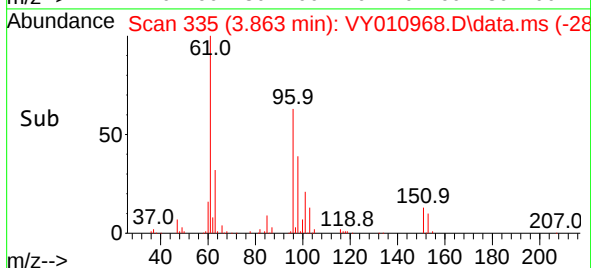
Reviewed By :Krupa Patel 10/18/2022
Supervised By :Mahesh Dadoda 10/19/2022

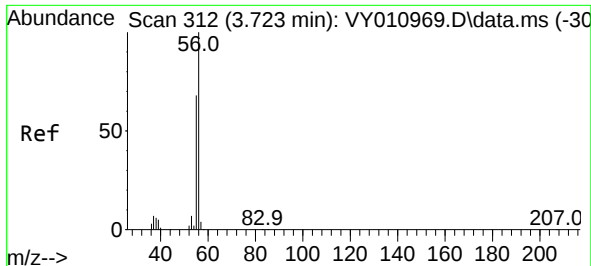


#12
1,1-Dichloroethene
Concen: 19.825 ug/l
RT: 3.863 min Scan# 335
Delta R.T. -0.006 min
Lab File: VY010968.D
Acq: 17 Oct 2022 12:18



Tgt Ion: 96 Resp: 54584
Ion Ratio Lower Upper
96 100
61 159.5 145.8 218.6
98 62.8 52.5 78.7





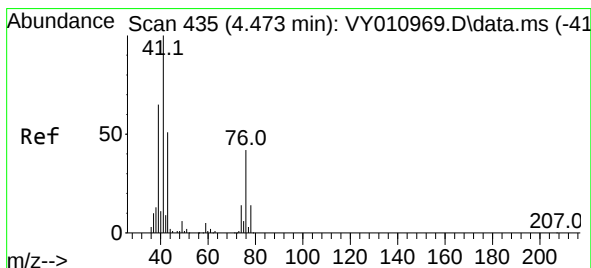
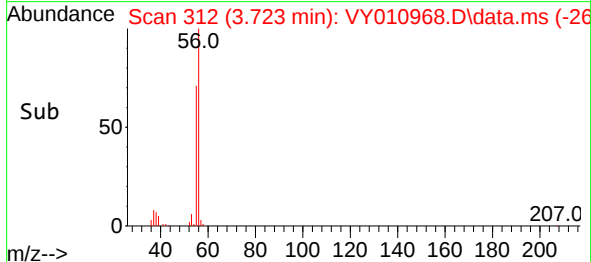
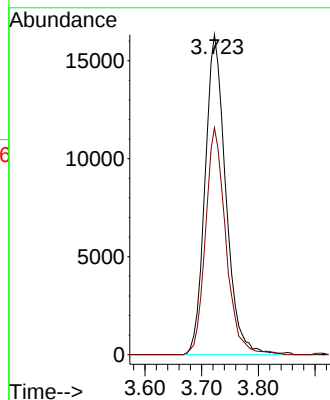
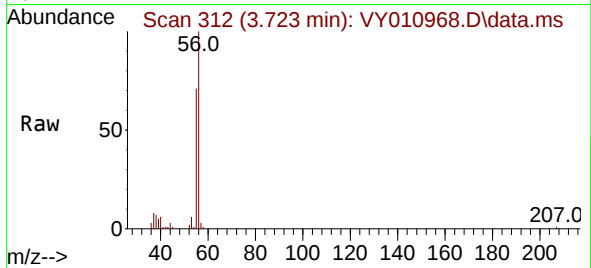
#13
Acrolein
Concen: 96.162 ug/l
RT: 3.723 min Scan# 312
Delta R.T. -0.000 min
Lab File: VY010968.D
Acq: 17 Oct 2022 12:18

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 56 Resp: 4144
Ion Ratio Lower Upper
56 100
55 69.7 57.6 86.4

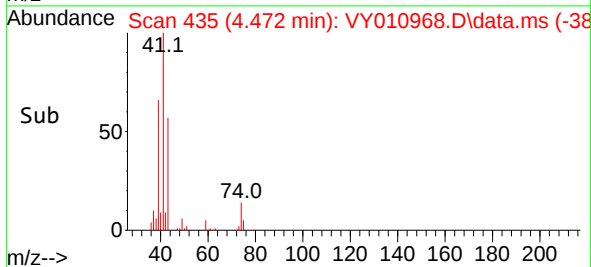
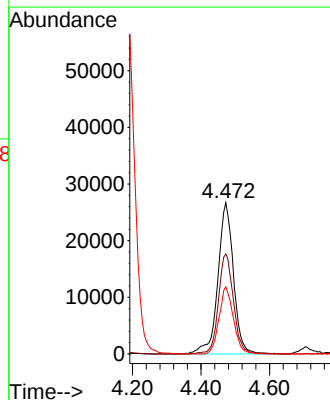
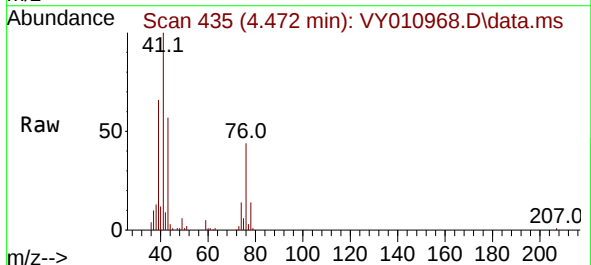
Manual Integrations
APPROVED

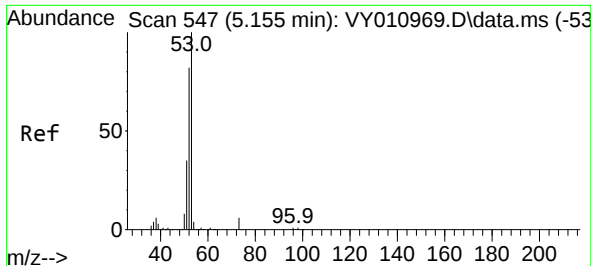
Reviewed By :Krupa Patel 10/18/2022
Supervised By :Mahesh Dadoda 10/19/2022



#14
Allyl chloride
Concen: 19.278 ug/l
RT: 4.472 min Scan# 435
Delta R.T. -0.000 min
Lab File: VY010968.D
Acq: 17 Oct 2022 12:18

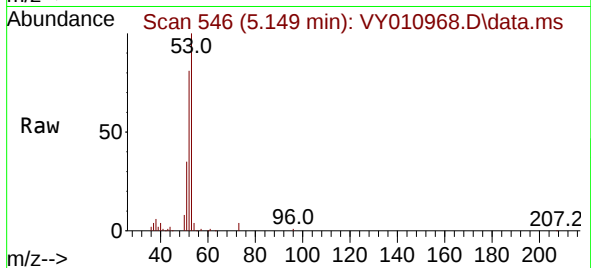
Tgt Ion: 41 Resp: 84171
Ion Ratio Lower Upper
41 100
39 63.7 58.8 88.2
76 40.5 25.1 37.7#





#15
Acrylonitrile
Concen: 95.654 ug/l
RT: 5.149 min Scan# 547
Delta R.T. -0.006 min
Lab File: VY010968.D
Acq: 17 Oct 2022 12:18

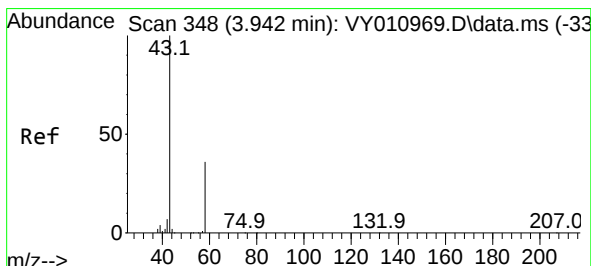
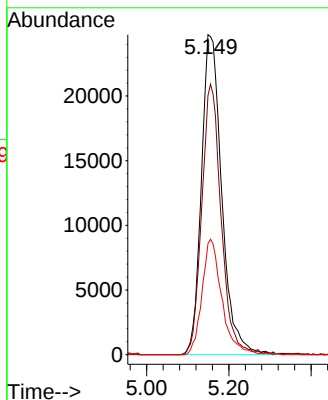
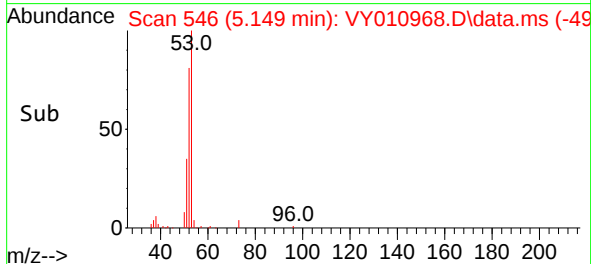
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



Tgt Ion: 53 Resp: 85258
Ion Ratio Lower Upper
53 100
52 80.5 67.0 100.4
51 35.1 29.8 44.6

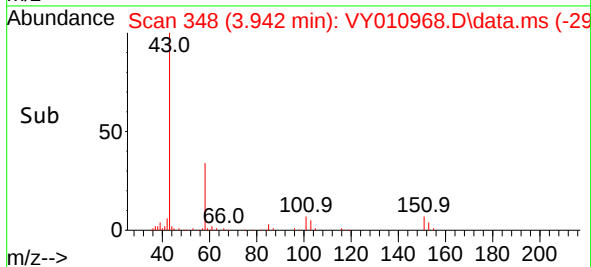
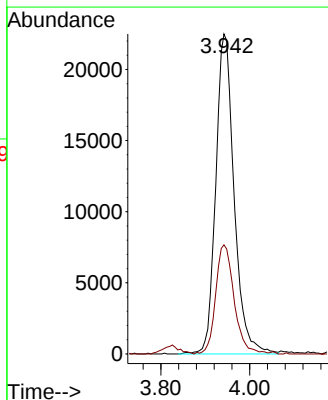
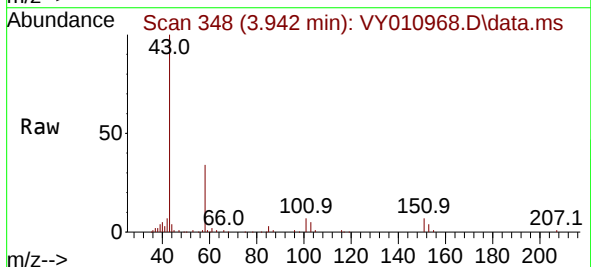
Manual Integrations
APPROVED

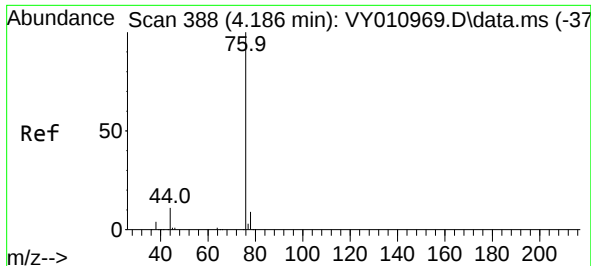
Reviewed By :Krupa Patel 10/18/2022
Supervised By :Mahesh Dadoda 10/19/2022



#16
Acetone
Concen: 82.902 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.000 min
Lab File: VY010968.D
Acq: 17 Oct 2022 12:18

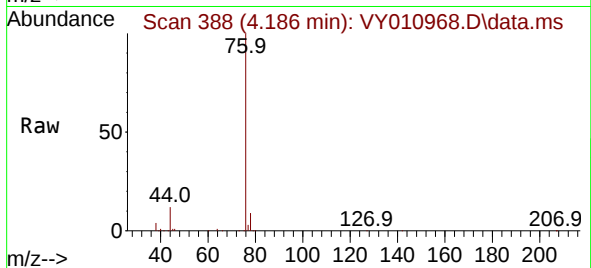
Tgt Ion: 43 Resp: 64365
Ion Ratio Lower Upper
43 100
58 34.1 22.0 33.0#





#17
Carbon Disulfide
Concen: 20.119 ug/l
RT: 4.186 min Scan# 388
Delta R.T. -0.000 min
Lab File: VY010968.D
Acq: 17 Oct 2022 12:18

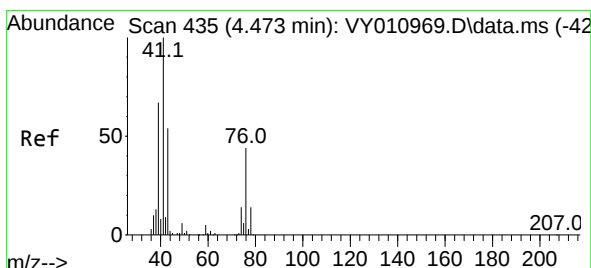
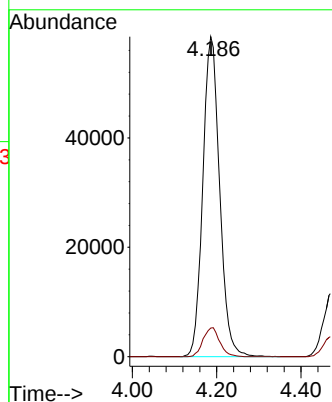
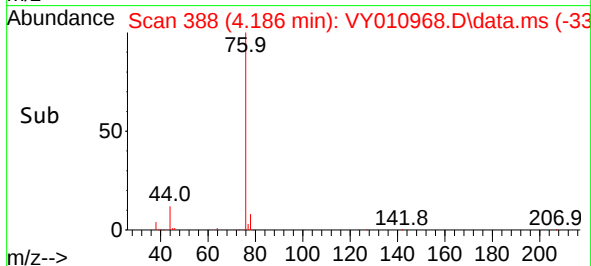
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



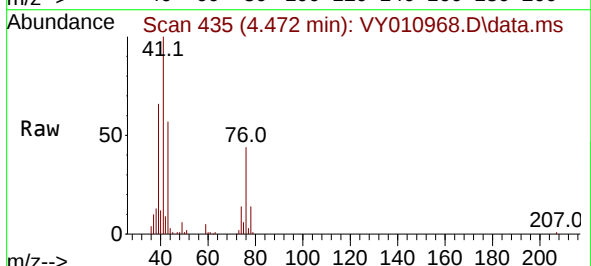
Tgt Ion: 76 Resp: 162400
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.0

Manual Integrations
APPROVED

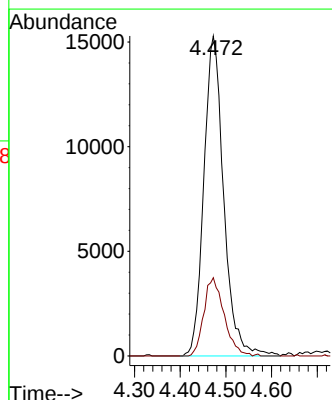
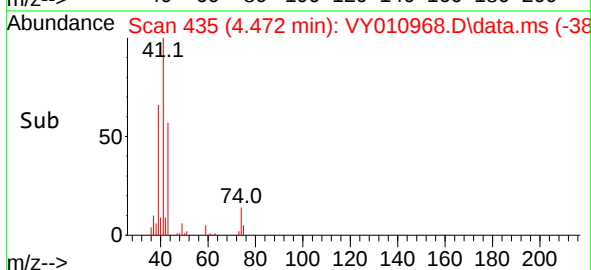
Reviewed By :Krupa Patel 10/18/2022
Supervised By :Mahesh Dadoda 10/19/2022

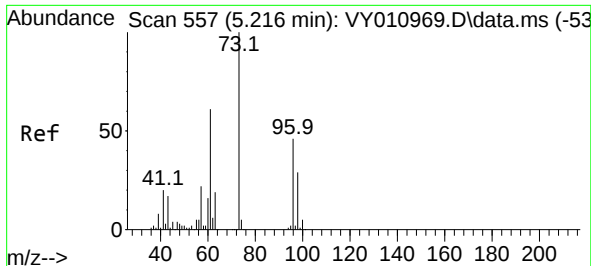


#18
Methyl Acetate
Concen: 18.571 ug/l
RT: 4.472 min Scan# 435
Delta R.T. -0.000 min
Lab File: VY010968.D
Acq: 17 Oct 2022 12:18



Tgt Ion: 43 Resp: 46171
Ion Ratio Lower Upper
43 100
74 24.9 16.6 24.8#





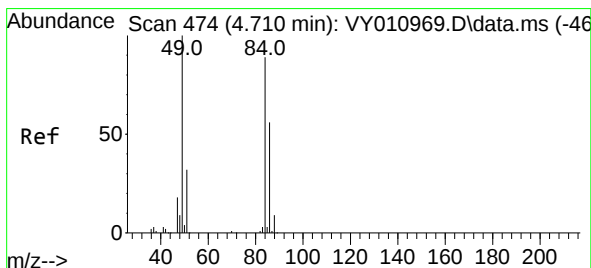
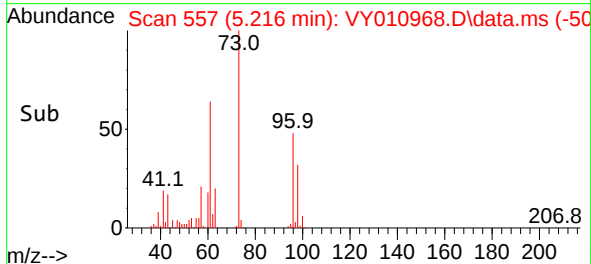
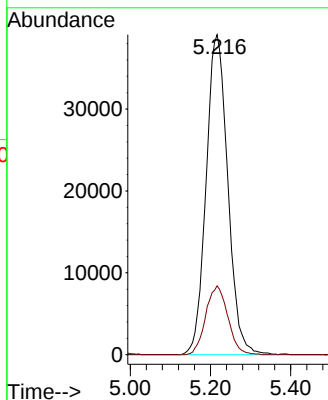
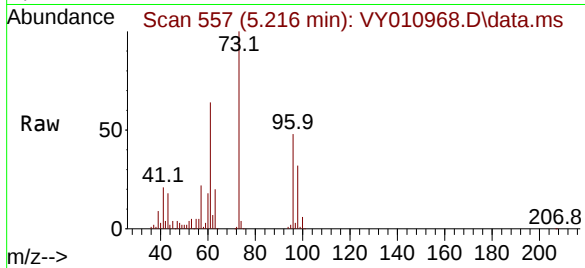
#19
Methyl tert-butyl Ether
Concen: 19.055 ug/l
RT: 5.216 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY010968.D
Acq: 17 Oct 2022 12:18

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 73 Resp: 14658
Ion Ratio Lower Upper
73 100
57 21.5 18.6 27.8

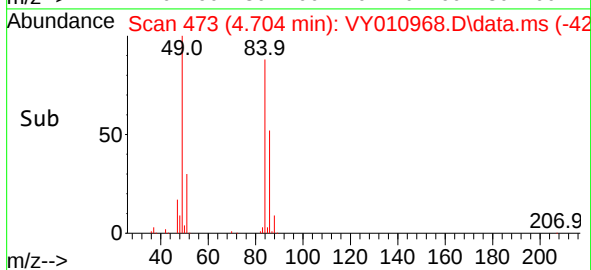
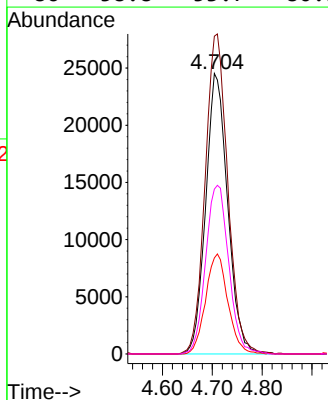
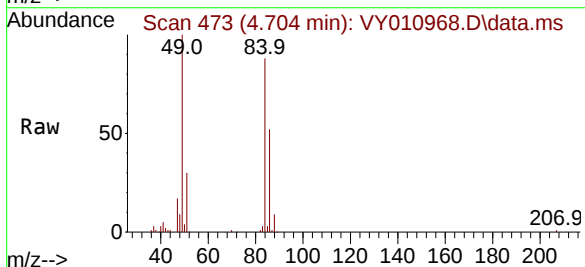
Manual Integrations
APPROVED

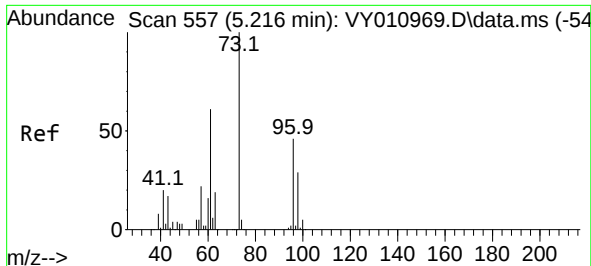
Reviewed By :Krupa Patel 10/18/2022
Supervised By :Mahesh Dadoda 10/19/2022



#20
Methylene Chloride
Concen: 17.013 ug/l
RT: 4.704 min Scan# 473
Delta R.T. -0.006 min
Lab File: VY010968.D
Acq: 17 Oct 2022 12:18

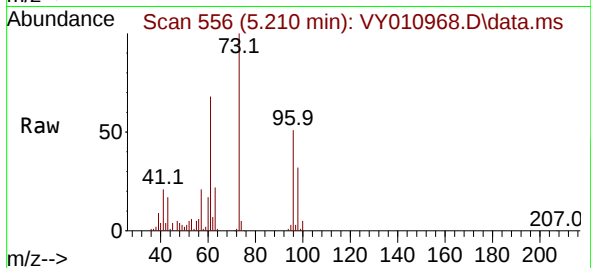
Tgt Ion: 84 Resp: 75191
Ion Ratio Lower Upper
84 100
49 113.3 114.4 171.6#
51 34.2 35.3 52.9#
86 58.8 53.7 80.5





#21
trans-1,2-Dichloroethene
Concen: 20.011 ug/l
RT: 5.210 min Scan# 511
Delta R.T. -0.006 min
Lab File: VY010968.D
Acq: 17 Oct 2022 12:18

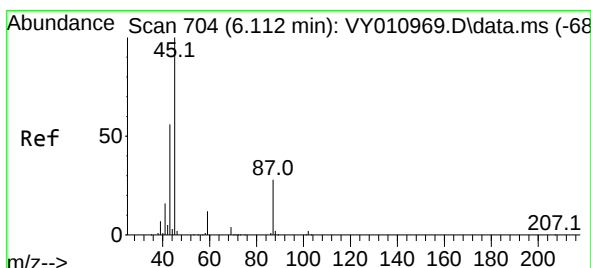
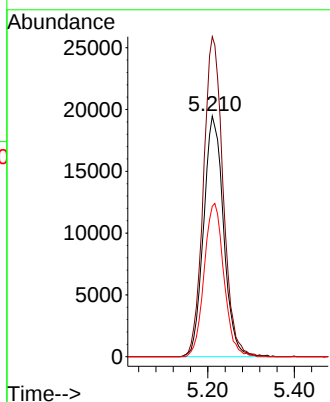
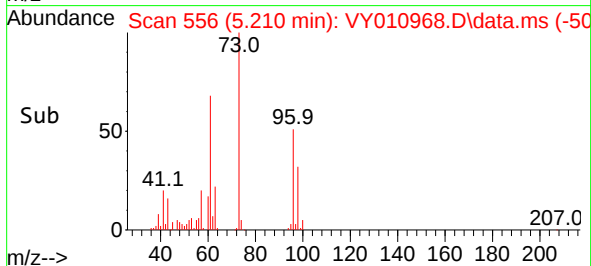
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



Tgt Ion: 96 Resp: 6220
Ion Ratio Lower Upper
96 100
61 133.0 120.5 180.7
98 62.5 49.8 74.8

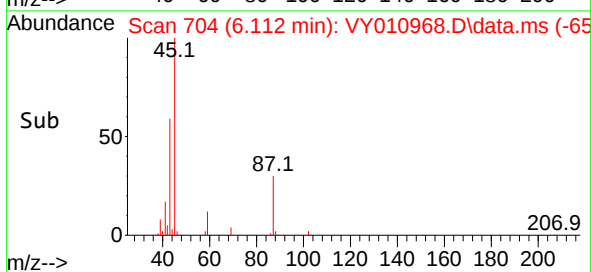
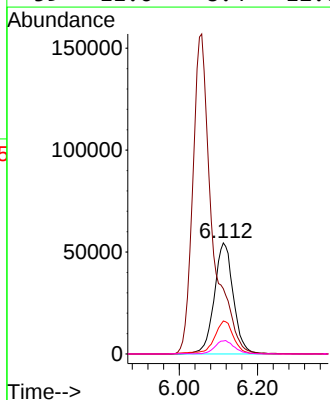
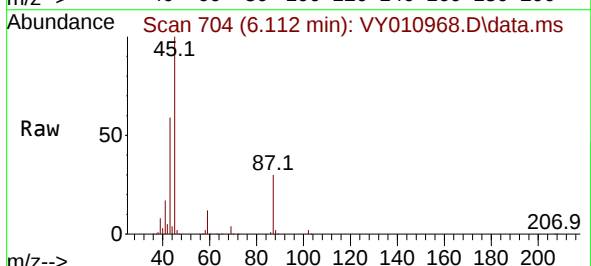
Manual Integrations
APPROVED

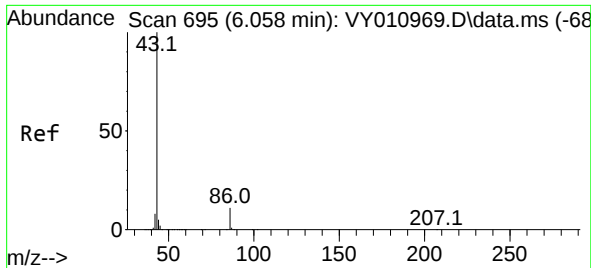
Reviewed By :Krupa Patel 10/18/2022
Supervised By :Mahesh Dadoda 10/19/2022



#22
Diisopropyl ether
Concen: 19.675 ug/l
RT: 6.112 min Scan# 704
Delta R.T. -0.000 min
Lab File: VY010968.D
Acq: 17 Oct 2022 12:18

Tgt Ion: 45 Resp: 183983
Ion Ratio Lower Upper
45 100
43 58.5 49.3 73.9
87 29.7 19.2 28.8#
59 11.6 8.4 12.6





#23
 Vinyl Acetate
 Concen: 95.896 ug/l
 RT: 6.058 min Scan# 695
 Delta R.T. -0.000 min
 Lab File: VY010968.D
 Acq: 17 Oct 2022 12:18

Instrument :

MSVOA_Y

ClientSampleId :

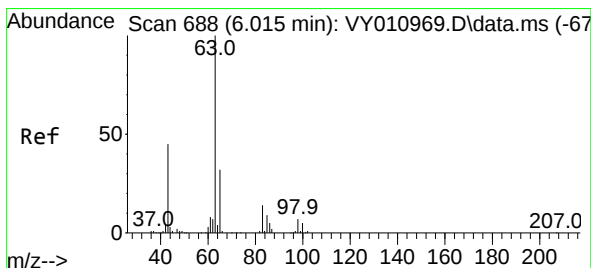
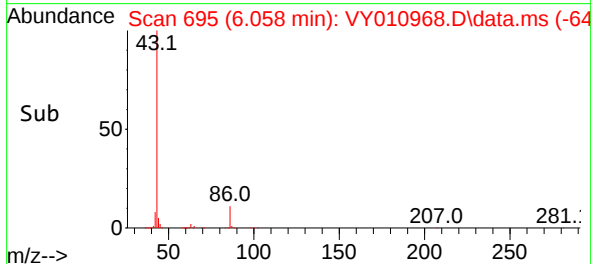
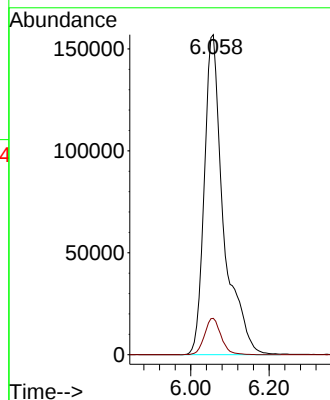
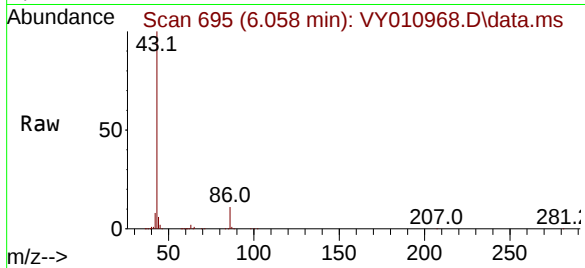
VSTDICC020

Tgt Ion: 43 Resp: 536235
 Ion Ratio Lower Upper
 43 100
 86 11.3 7.1 10.7

Manual Integrations

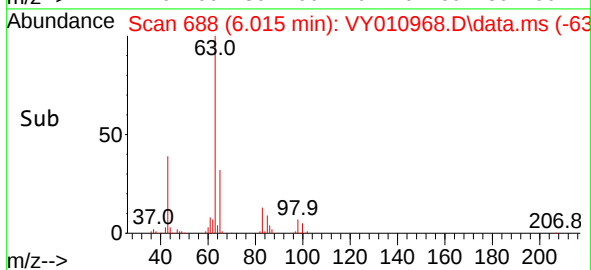
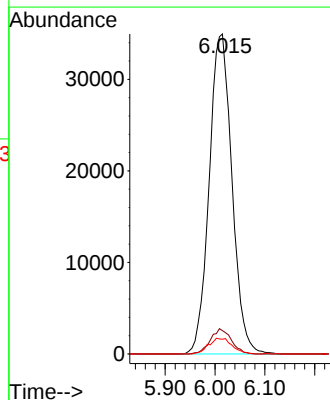
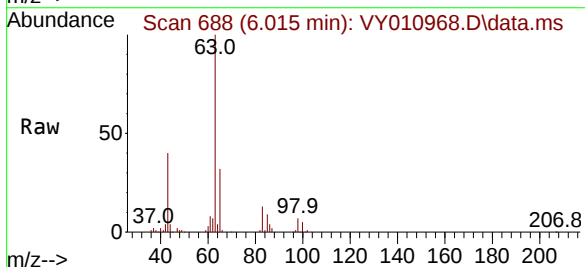
APPROVED

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



#24
 1,1-Dichloroethane
 Concen: 19.640 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.000 min
 Lab File: VY010968.D
 Acq: 17 Oct 2022 12:18

Tgt Ion: 63 Resp: 110888
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.6 10.8
 100 4.6 2.0 5.8





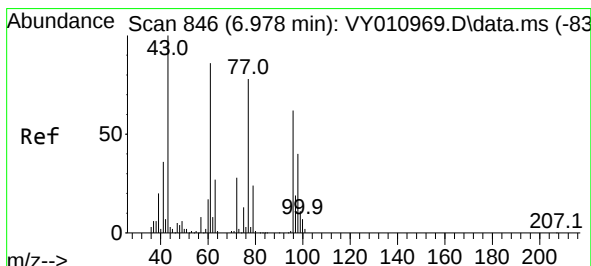
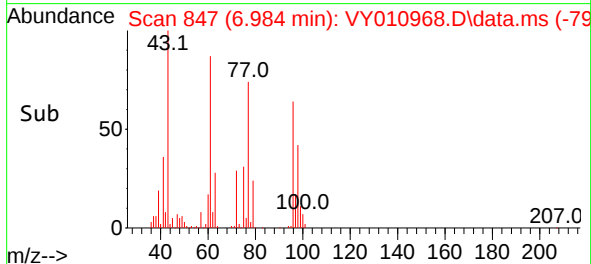
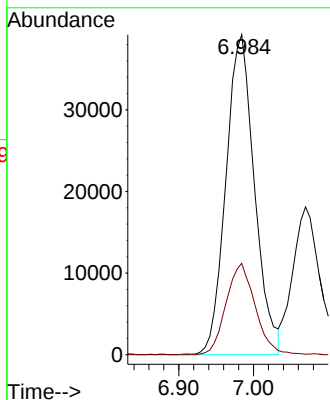
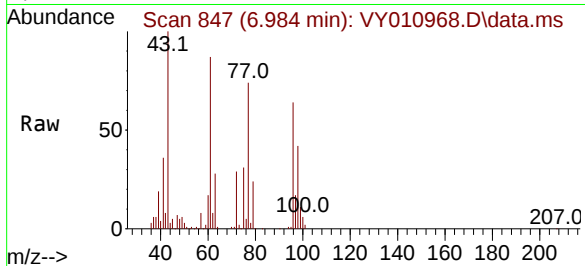
#25
2-Butanone
Concen: 88.687 ug/l
RT: 6.984 min Scan# 846
Delta R.T. 0.006 min
Lab File: VY010968.D
Acq: 17 Oct 2022 12:18

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion: 43 Resp: 10442
Ion Ratio Lower Upper
43 100
72 28.6 17.7 26.5

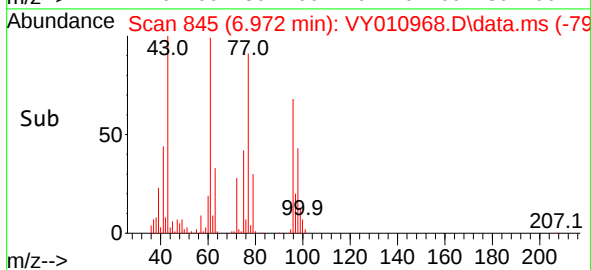
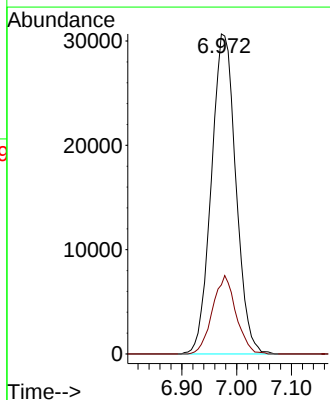
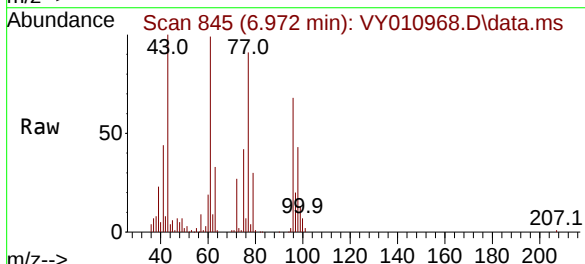
Manual Integrations
APPROVED

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



#26
2,2-Dichloropropane
Concen: 19.007 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.006 min
Lab File: VY010968.D
Acq: 17 Oct 2022 12:18

Tgt Ion: 77 Resp: 95294
Ion Ratio Lower Upper
77 100
97 23.5 10.4 31.4





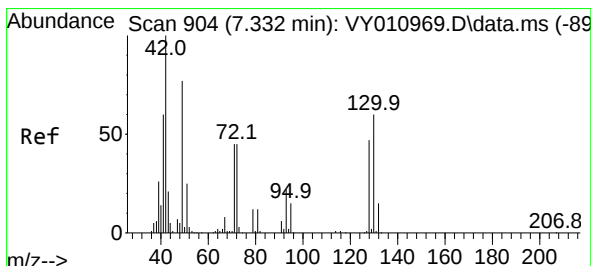
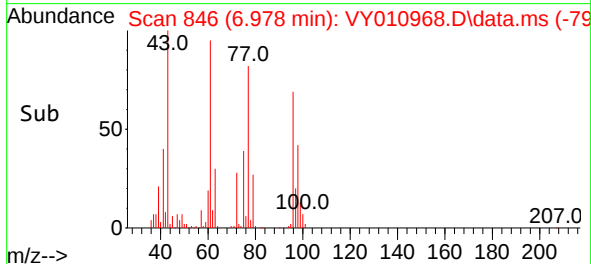
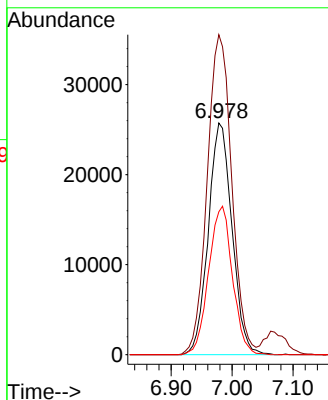
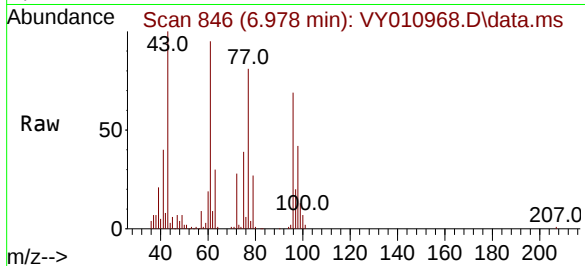
#27
 cis-1,2-Dichloroethene
 Concen: 19.439 ug/l
 RT: 6.978 min Scan# 846
 Delta R.T. -0.000 min
 Lab File: VY010968.D
 Acq: 17 Oct 2022 12:18

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

Tgt Ion: 96 Resp: 6963
 Ion Ratio Lower Upper
 96 100
 61 143.0 0.0 319.8
 98 64.3 0.0 127.0

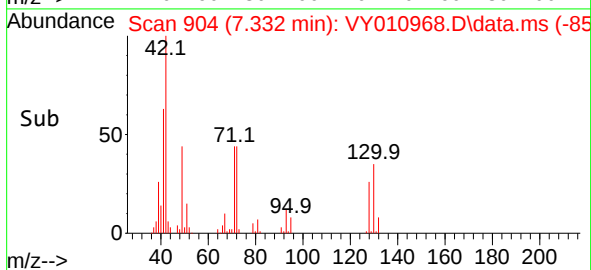
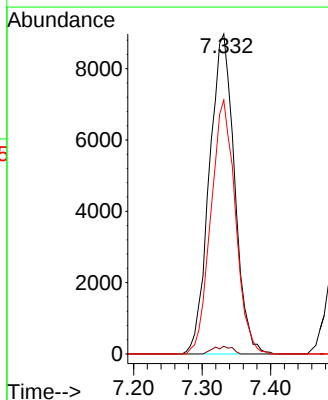
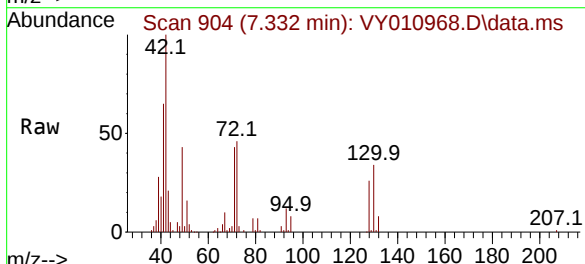
Manual Integrations
 APPROVED

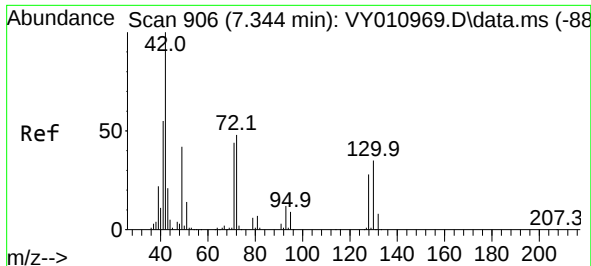
Reviewed By :Krupa Patel 10/18/2022
 Supervised By :Mahesh Dadoda 10/19/2022



#28
 Bromochloromethane
 Concen: 13.009 ug/l
 RT: 7.332 min Scan# 904
 Delta R.T. -0.000 min
 Lab File: VY010968.D
 Acq: 17 Oct 2022 12:18

Tgt Ion: 49 Resp: 22893
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 2.2
 130 77.0 55.4 83.0





#29

Tetrahydrofuran

Concen: 93.644 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.000 min

Lab File: VY010968.D

Acq: 17 Oct 2022 12:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

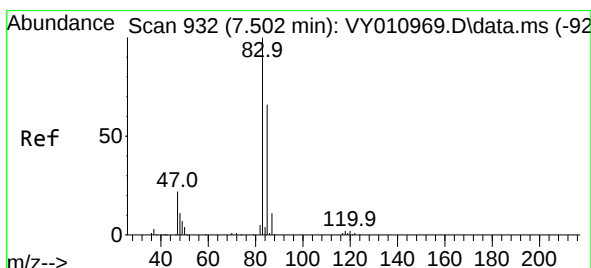
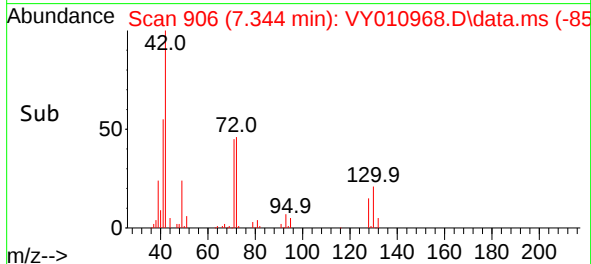
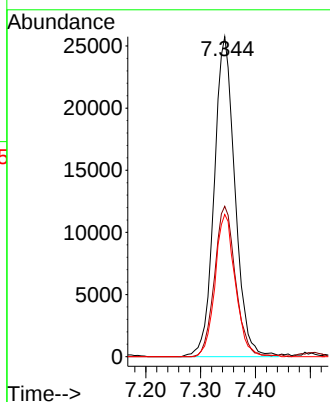
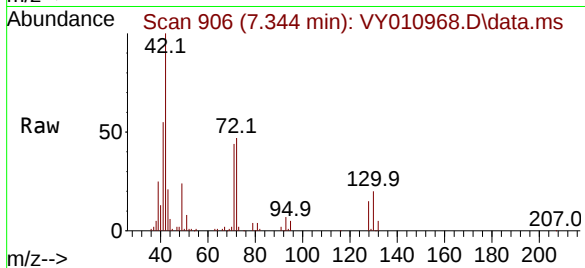
Tgt Ion:	42	Resp:	6783
Ion Ratio	Lower	Upper	
42	100		
72	47.3	30.3	45.5
71	43.4	29.0	43.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 10/18/2022

Supervised By :Mahesh Dadoda 10/19/2022



#30

Chloroform

Concen: 19.785 ug/l

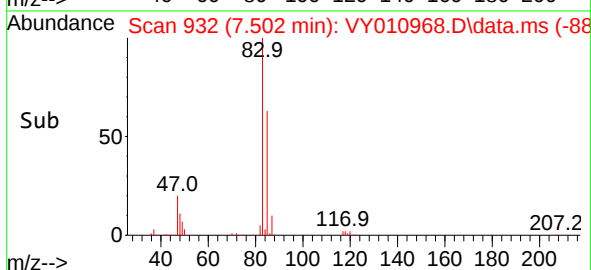
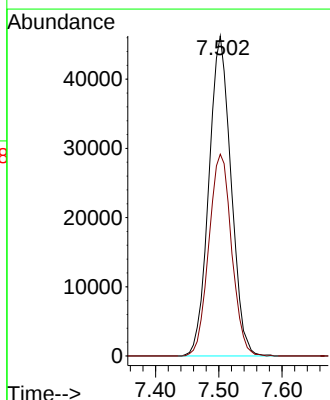
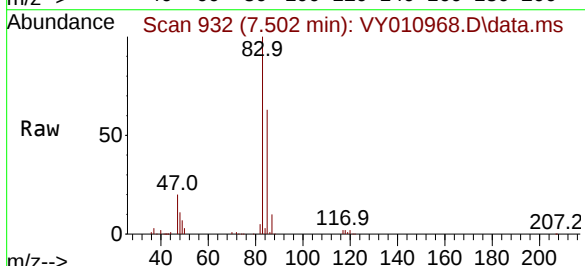
RT: 7.502 min Scan# 932

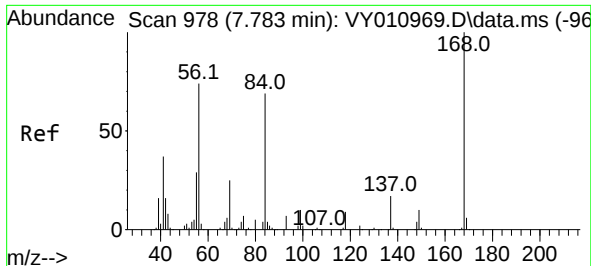
Delta R.T. -0.000 min

Lab File: VY010968.D

Acq: 17 Oct 2022 12:18

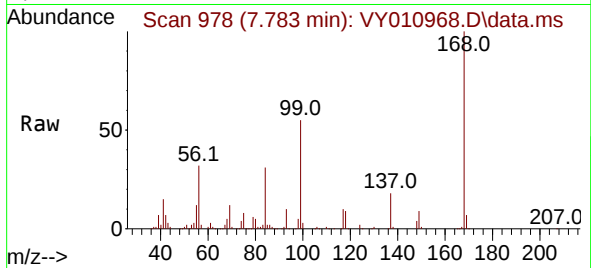
Tgt Ion:	83	Resp:	112602
Ion Ratio	Lower	Upper	
83	100		
85	63.1	51.8	77.6





#31
Cyclohexane
Concen: 19.639 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010968.D
Acq: 17 Oct 2022 12:18

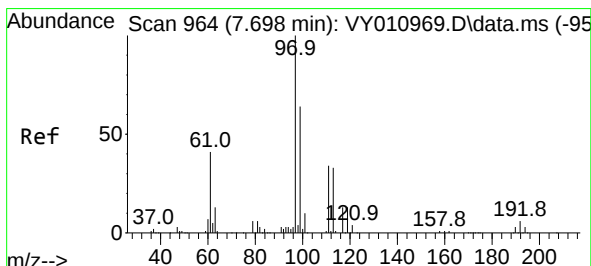
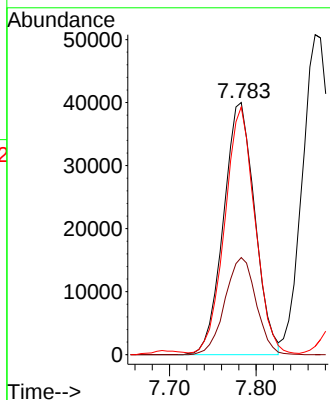
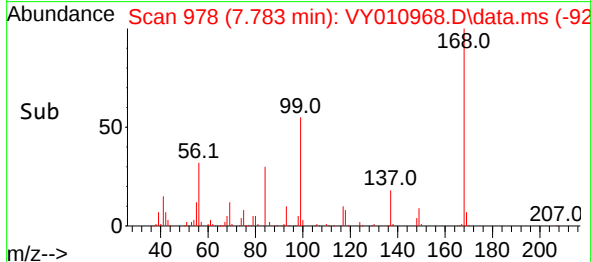
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



Tgt Ion: 56 Resp: 100470
Ion Ratio Lower Upper
56 100
69 38.5 26.7 40.1
84 97.1 67.2 100.8

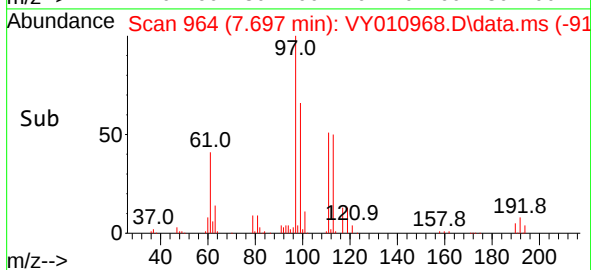
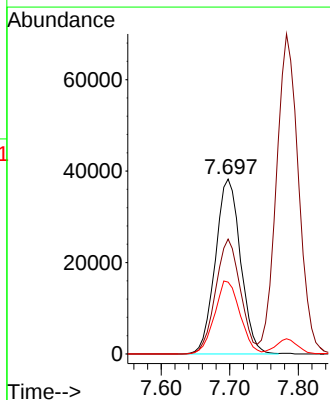
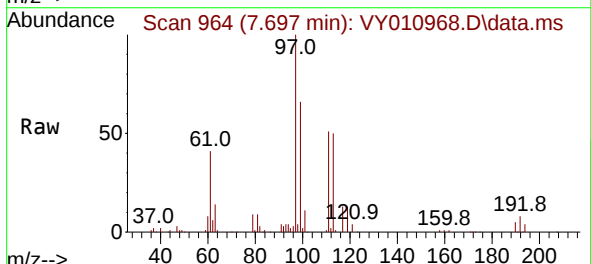
Manual Integrations
APPROVED

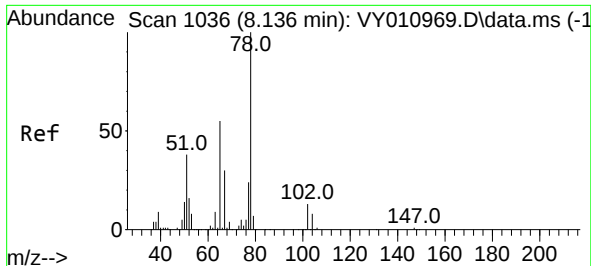
Reviewed By :Krupa Patel 10/18/2022
Supervised By :Mahesh Dadoda 10/19/2022



#32
1,1,1-Trichloroethane
Concen: 19.547 ug/l
RT: 7.697 min Scan# 964
Delta R.T. -0.000 min
Lab File: VY010968.D
Acq: 17 Oct 2022 12:18

Tgt Ion: 97 Resp: 97789
Ion Ratio Lower Upper
97 100
99 64.8 50.7 76.1
61 42.1 37.6 56.4





#33

1,2-Dichloroethane-d4

Concen: 20.728 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.000 min

Lab File: VY010968.D

Acq: 17 Oct 2022 12:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

Tgt Ion: 65 Resp: 55418

Ion Ratio Lower Upper

65 100

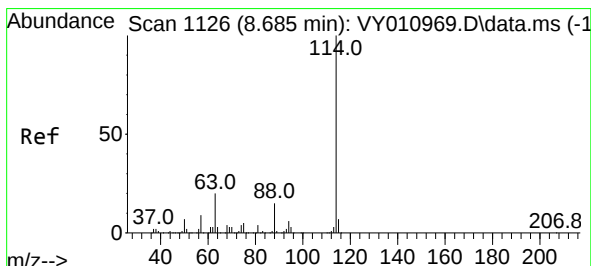
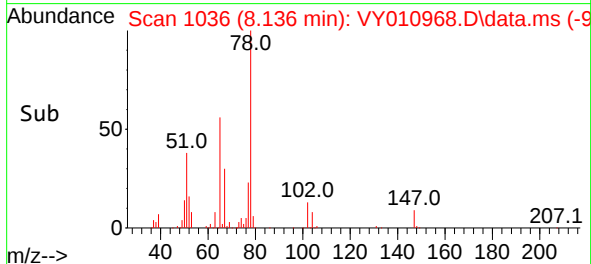
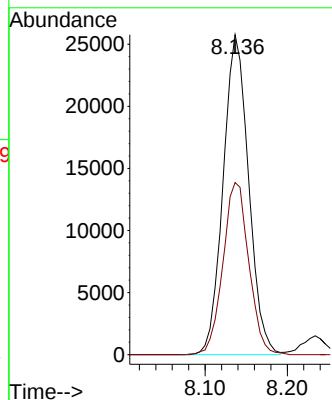
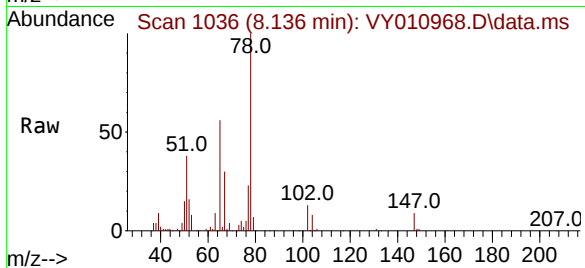
67 54.7 0.0 99.4

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: VY010968.D

Acq: 17 Oct 2022 12:18

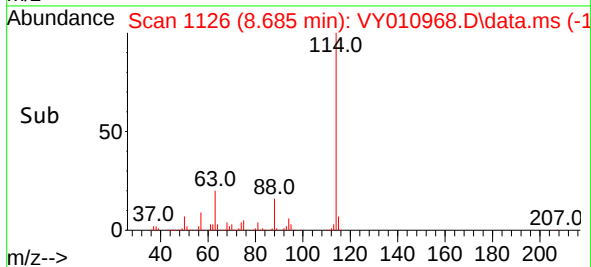
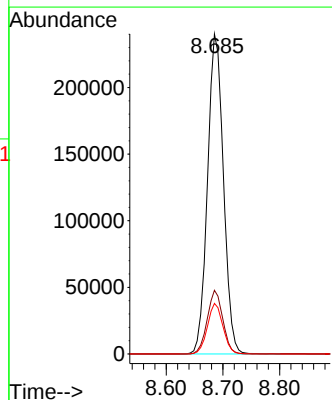
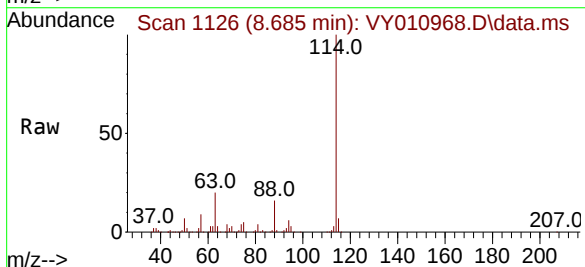
Tgt Ion:114 Resp: 468516

Ion Ratio Lower Upper

114 100

63 19.9 0.0 43.2

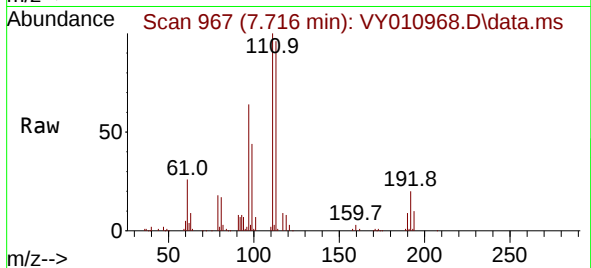
88 15.8 0.0 31.8





#35
Dibromofluoromethane
Concen: 26.263 ug/l
RT: 7.716 min Scan# 909
Delta R.T. 0.006 min
Lab File: VY010968.D
Acq: 17 Oct 2022 12:18

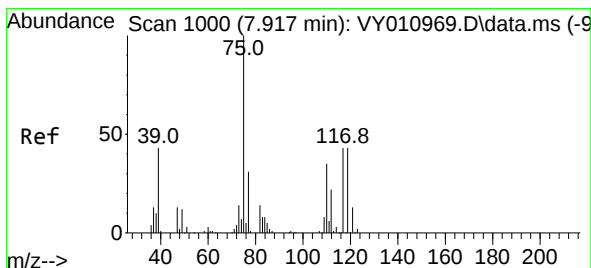
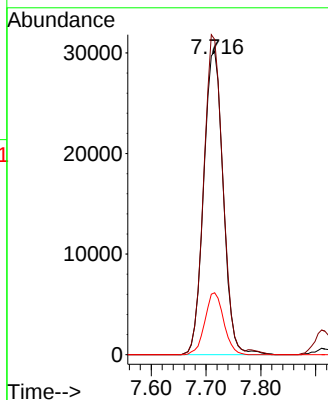
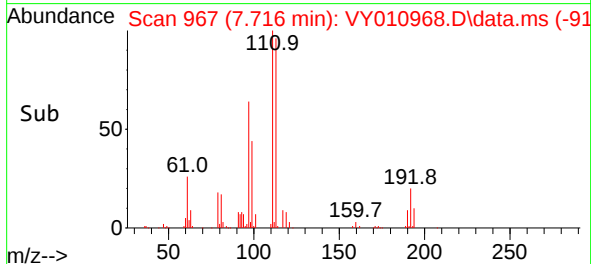
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



Tgt Ion:113 Resp: 74810
Ion Ratio Lower Upper
113 100
111 102.0 82.6 124.0
192 19.6 17.6 26.4

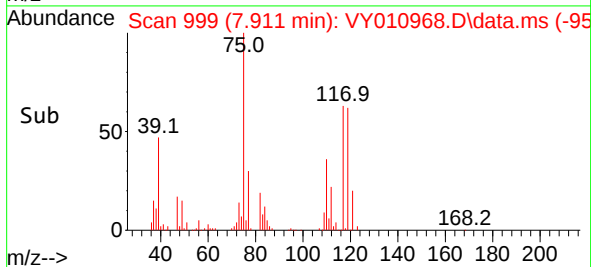
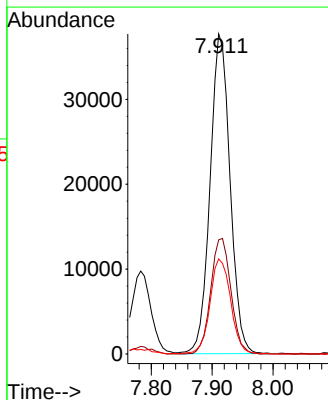
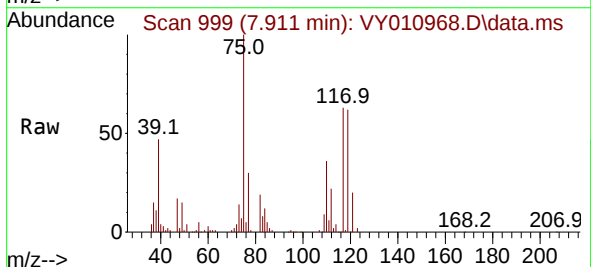
Manual Integrations
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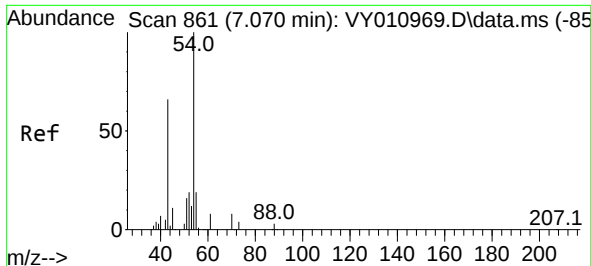
Reviewed By :Krupa Patel 10/18/2022
Supervised By :Mahesh Dadoda 10/19/2022



#36
1,1-Dichloropropene
Concen: 19.680 ug/l
RT: 7.911 min Scan# 999
Delta R.T. -0.006 min
Lab File: VY010968.D
Acq: 17 Oct 2022 12:18

Tgt Ion: 75 Resp: 85834
Ion Ratio Lower Upper
75 100
110 36.5 17.1 51.2
77 30.9 24.4 36.6





#37

Ethyl Acetate

Concen: 19.121 ug/l

RT: 7.069 min Scan# 80

Delta R.T. -0.000 min

Lab File: VY010968.D

Acq: 17 Oct 2022 12:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

Tgt Ion: 43 Resp: 4617

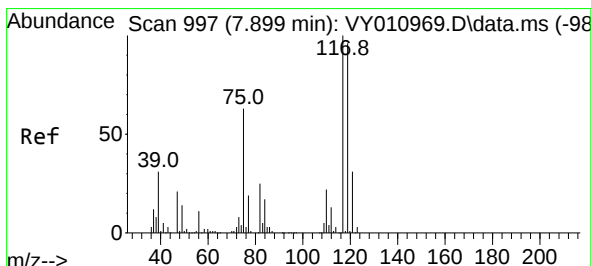
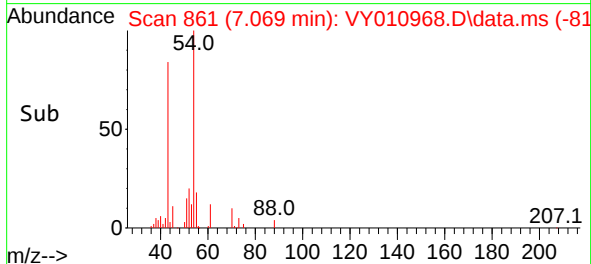
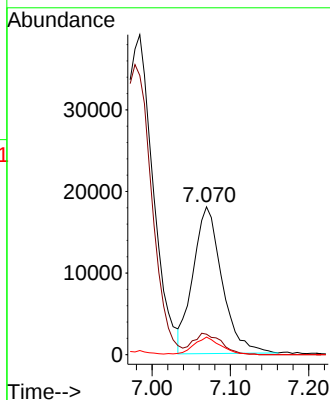
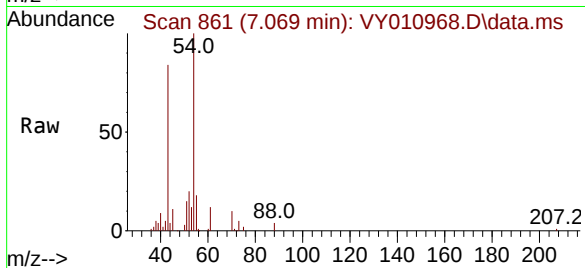
Ion	Ratio	Lower	Upper
43	100		
61	14.3	9.7	14.5
70	11.1	7.1	10.7

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 10/18/2022

Supervised By :Mahesh Dadoda 10/19/2022



#38

Carbon Tetrachloride

Concen: 19.541 ug/l

RT: 7.893 min Scan# 996

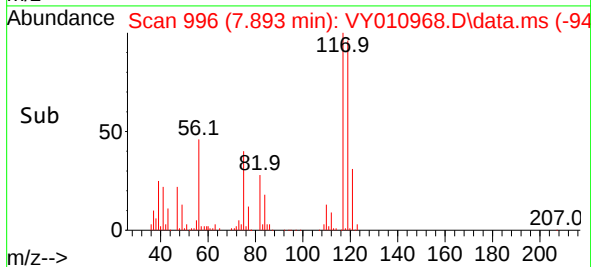
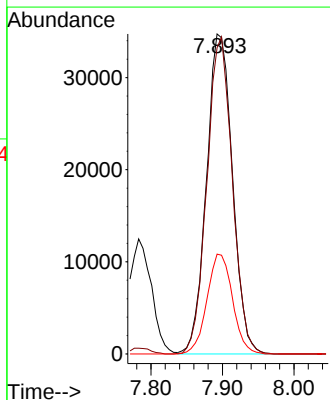
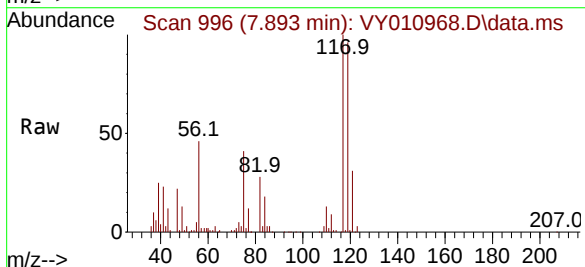
Delta R.T. -0.006 min

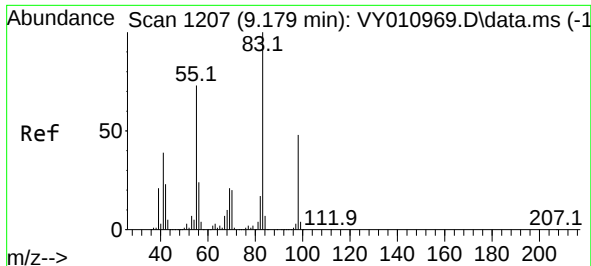
Lab File: VY010968.D

Acq: 17 Oct 2022 12:18

Tgt Ion:117 Resp: 87977

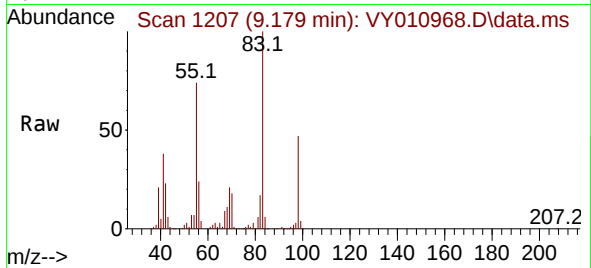
Ion	Ratio	Lower	Upper
117	100		
119	95.7	77.9	116.9
121	31.2	24.8	37.2





#39
Methylcyclohexane
Concen: 19.673 ug/l
RT: 9.179 min Scan# 1207
Delta R.T. -0.000 min
Lab File: VY010968.D
Acq: 17 Oct 2022 12:18

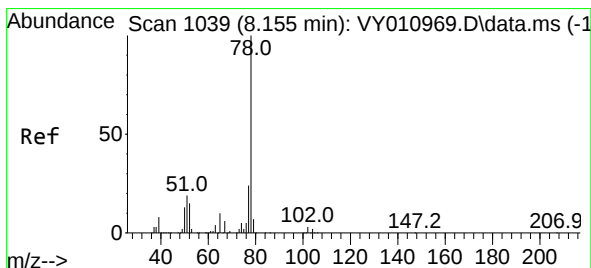
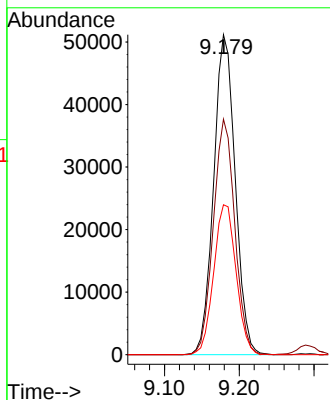
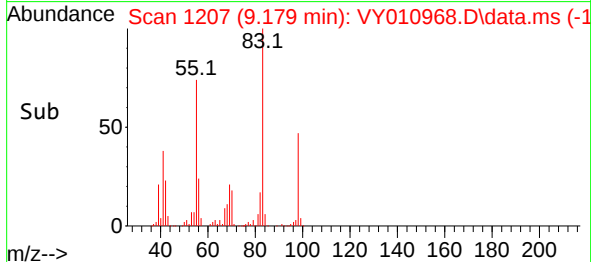
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



Tgt Ion: 83 Resp: 10277
Ion Ratio Lower Upper
83 100
55 73.6 66.5 99.7
98 46.9 37.9 56.9

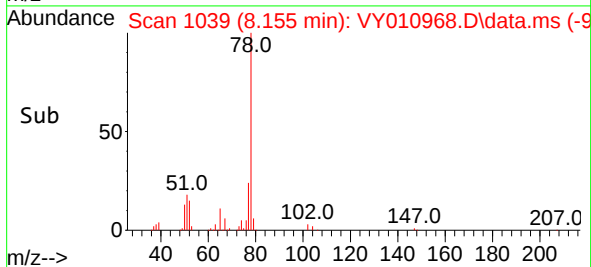
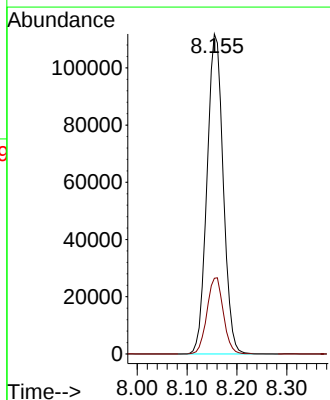
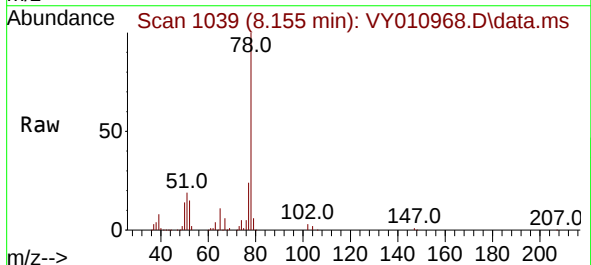
Manual Integrations
APPROVED

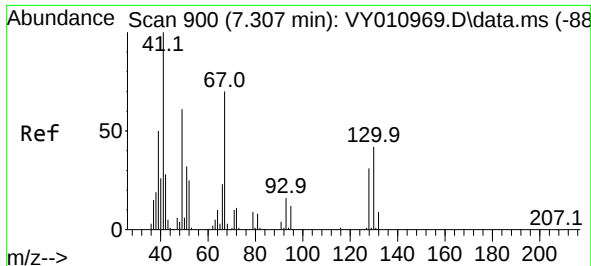
Reviewed By :Krupa Patel 10/18/2022
Supervised By :Mahesh Dadoda 10/19/2022



#40
Benzene
Concen: 19.698 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VY010968.D
Acq: 17 Oct 2022 12:18

Tgt Ion: 78 Resp: 252079
Ion Ratio Lower Upper
78 100
77 23.6 20.4 30.6





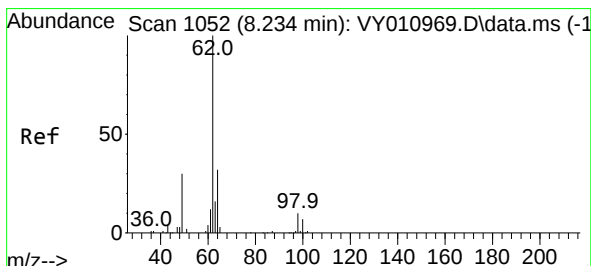
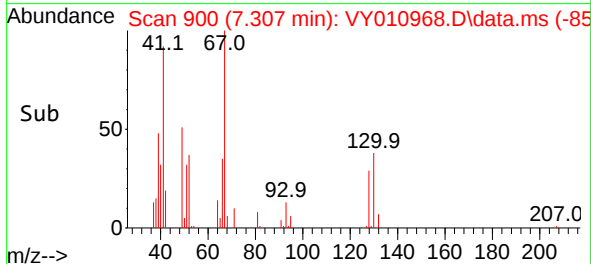
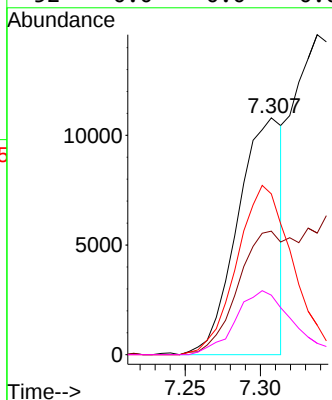
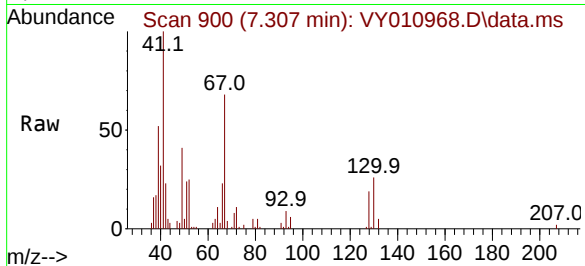
#41
Methacrylonitrile
Concen: 16.587 ug/l m
RT: 7.307 min Scan# 900
Delta R.T. -0.000 min
Lab File: VY010968.D
Acq: 17 Oct 2022 12:18

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 41 Resp: 2220
Ion Ratio Lower Upper
41 100
39 0.0 92.9 139.3
67 0.0 0.0 0.0
52 0.0 0.0 0.0

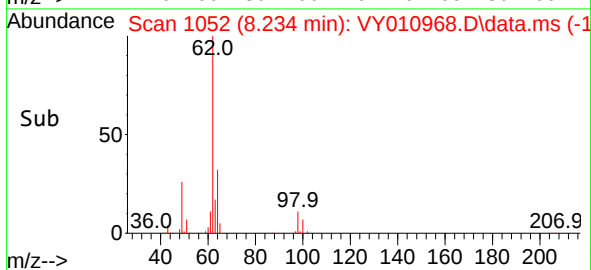
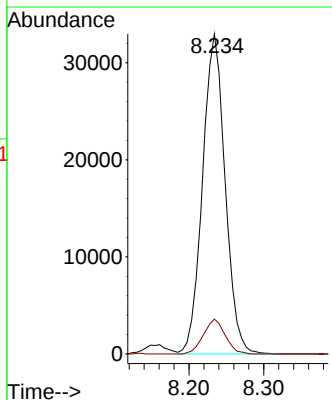
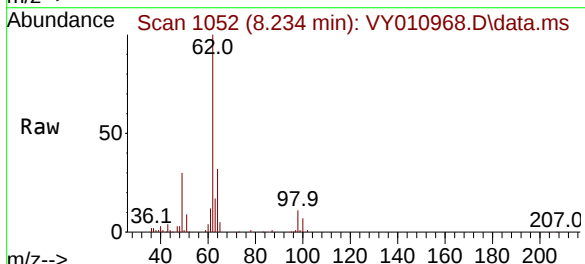
Manual Integrations
APPROVED

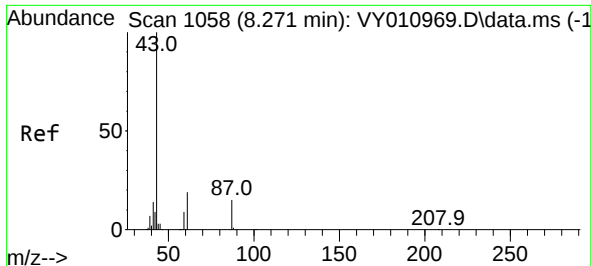
Reviewed By :Krupa Patel 10/18/2022
Supervised By :Mahesh Dadoda 10/19/2022



#42
1,2-Dichloroethane
Concen: 19.545 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VY010968.D
Acq: 17 Oct 2022 12:18

Tgt Ion: 62 Resp: 69302
Ion Ratio Lower Upper
62 100
98 10.4 0.0 14.8





#43

Isopropyl Acetate

Concen: 18.851 ug/l

RT: 8.271 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VY010968.D

Acq: 17 Oct 2022 12:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

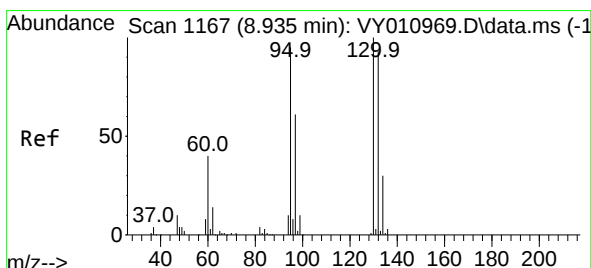
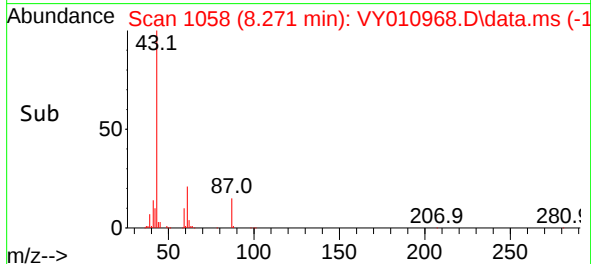
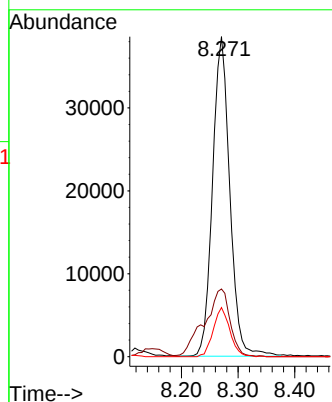
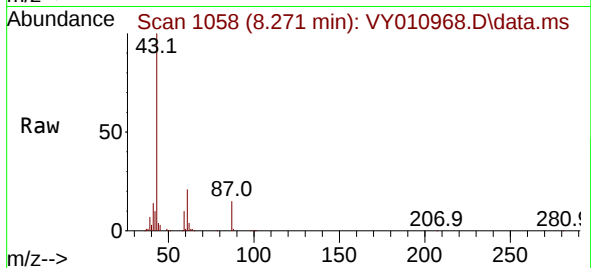
Tgt Ion: 43	Resp: 81330
Ion Ratio	Lower Upper
43 100	
61 31.8	20.2 30.2
87 14.8	8.9 13.3

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 10/18/2022

Supervised By :Mahesh Dadoda 10/19/2022



#44

Trichloroethene

Concen: 19.426 ug/l

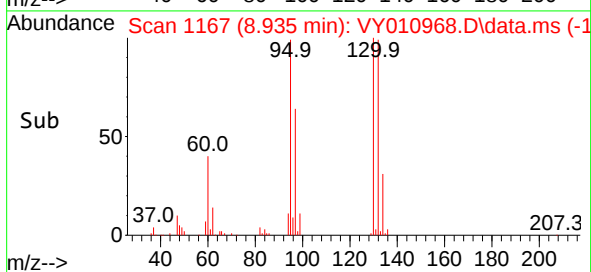
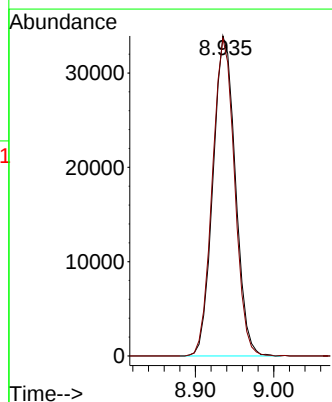
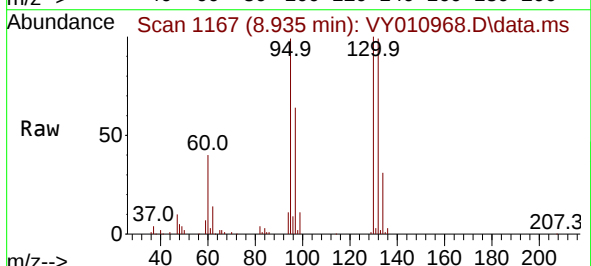
RT: 8.935 min Scan# 1167

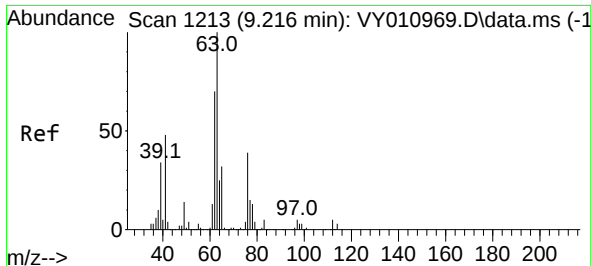
Delta R.T. -0.000 min

Lab File: VY010968.D

Acq: 17 Oct 2022 12:18

Tgt Ion:130	Resp: 67369
Ion Ratio	Lower Upper
130 100	
95 99.3	0.0 188.2





#45

1,2-Dichloropropane

Concen: 19.823 ug/l

RT: 9.209 min Scan# 1212

Delta R.T. -0.006 min

Lab File: VY010968.D

Acq: 17 Oct 2022 12:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

Tgt Ion: 63 Resp: 6436

Ion Ratio Lower Upper

63 100

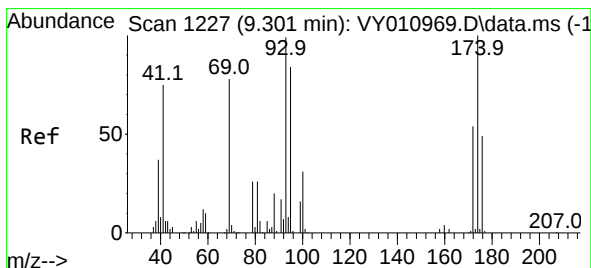
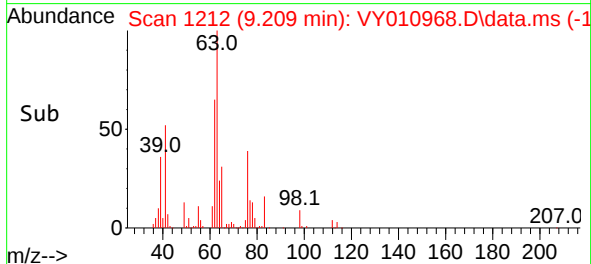
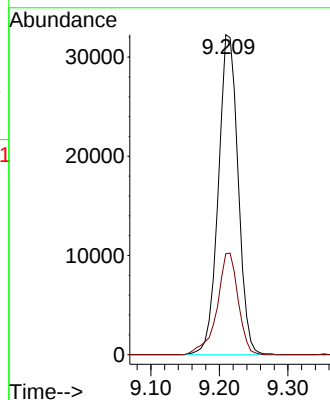
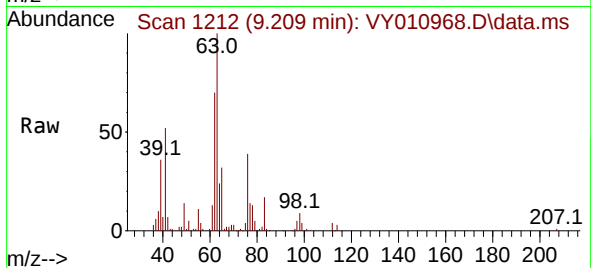
65 31.6 23.0 34.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 10/18/2022

Supervised By :Mahesh Dadoda 10/19/2022



#46

Dibromomethane

Concen: 19.515 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.006 min

Lab File: VY010968.D

Acq: 17 Oct 2022 12:18

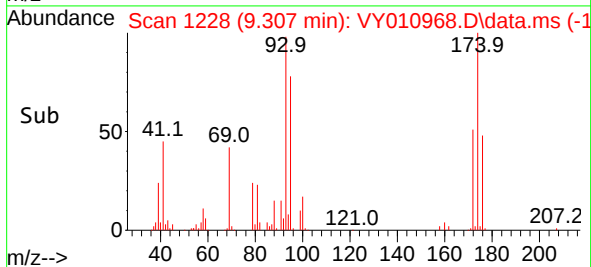
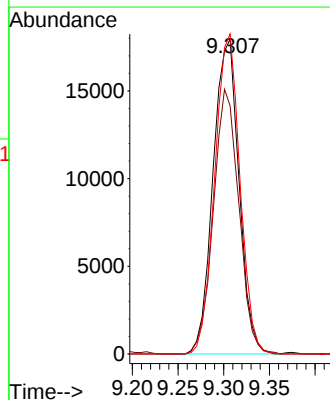
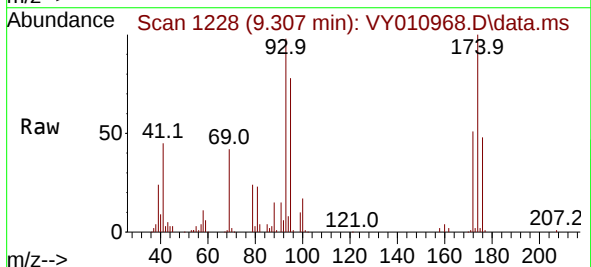
Tgt Ion: 93 Resp: 35340

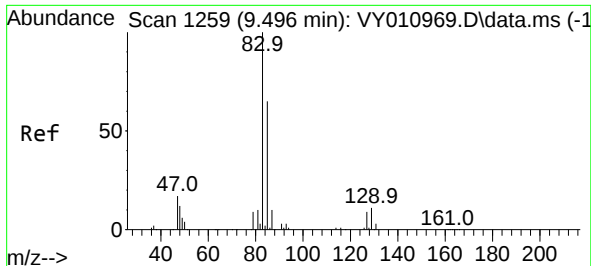
Ion Ratio Lower Upper

93 100

95 82.6 64.3 96.5

174 99.1 83.4 125.0





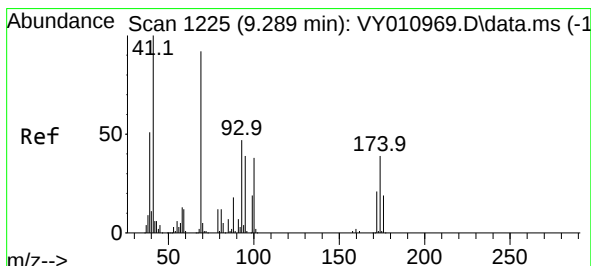
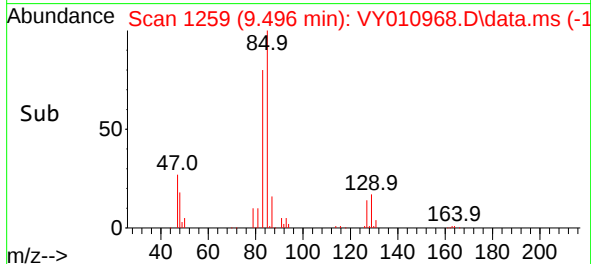
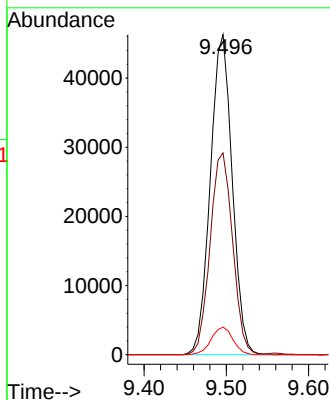
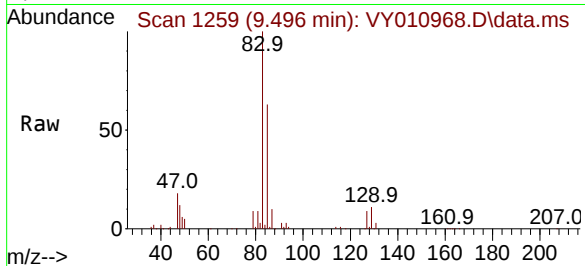
#47
Bromodichloromethane
Concen: 19.600 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY010968.D
Acq: 17 Oct 2022 12:18

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 83 Resp: 85534
Ion Ratio Lower Upper
83 100
85 63.0 51.9 77.9
127 8.6 6.6 10.0

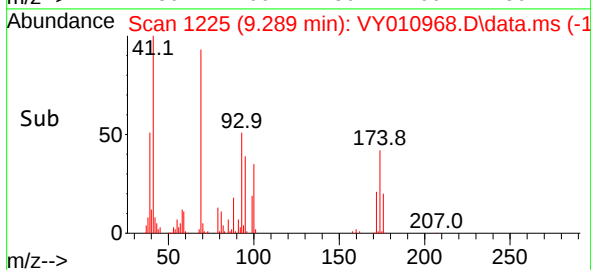
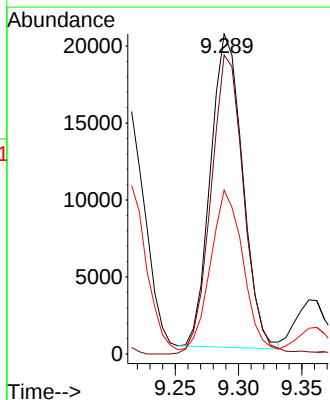
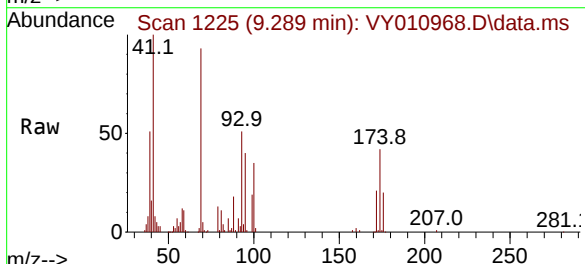
Manual Integrations
APPROVED

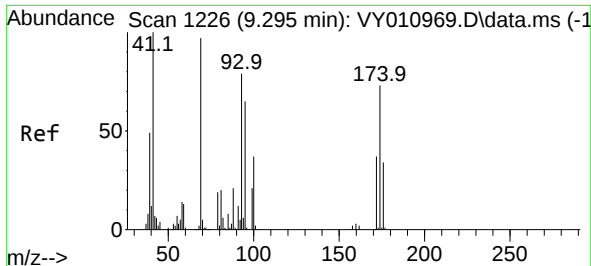
Reviewed By :Krupa Patel 10/18/2022
Supervised By :Mahesh Dadoda 10/19/2022



#48
Methyl methacrylate
Concen: 18.616 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VY010968.D
Acq: 17 Oct 2022 12:18

Tgt Ion: 41 Resp: 35944
Ion Ratio Lower Upper
41 100
69 98.3 58.2 87.2#
39 51.3 47.4 71.0





#49

1,4-Dioxane

Concen: 371.415 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. -0.000 min

Lab File: VY010968.D

Acq: 17 Oct 2022 12:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

Tgt Ion: 88 Resp: 9664

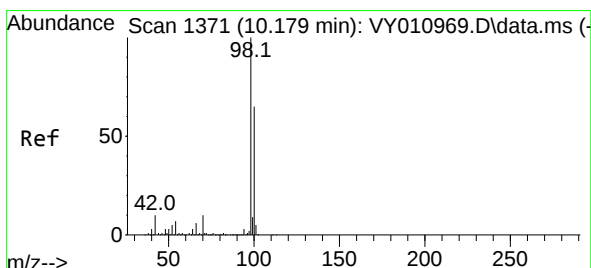
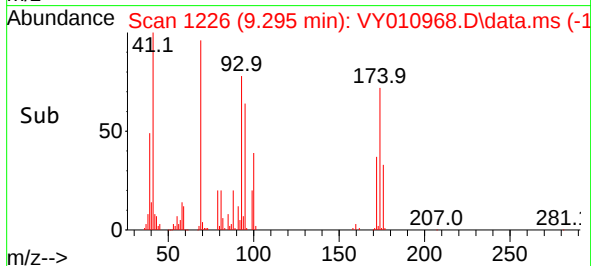
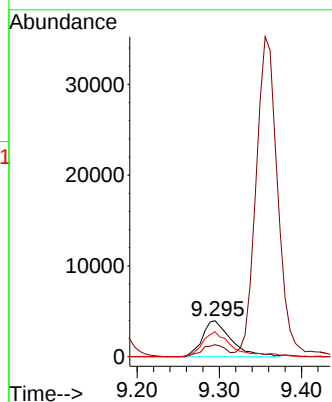
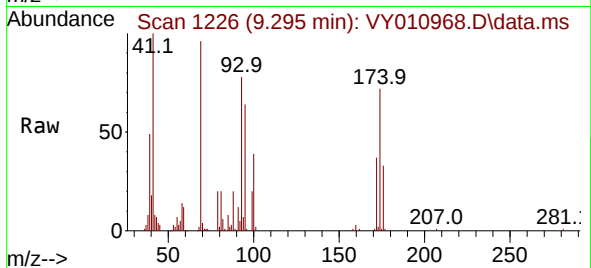
Ion	Ratio	Lower	Upper
88	100		
43	26.8	32.8	49.2
58	71.7	59.8	89.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 10/18/2022

Supervised By :Mahesh Dadoda 10/19/2022



#50

Toluene-d8

Concen: 18.438 ug/l

RT: 10.179 min Scan# 1371

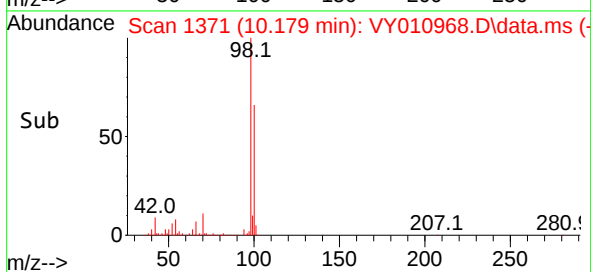
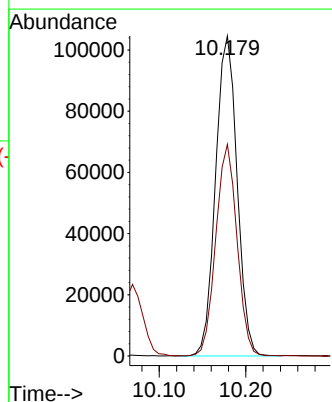
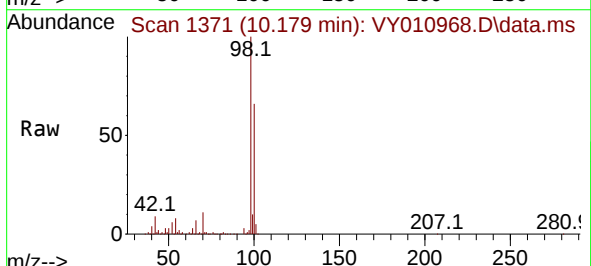
Delta R.T. -0.000 min

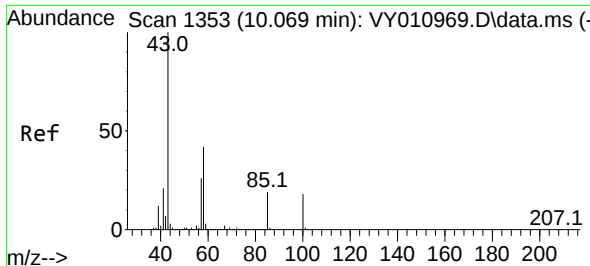
Lab File: VY010968.D

Acq: 17 Oct 2022 12:18

Tgt Ion: 98 Resp: 180370

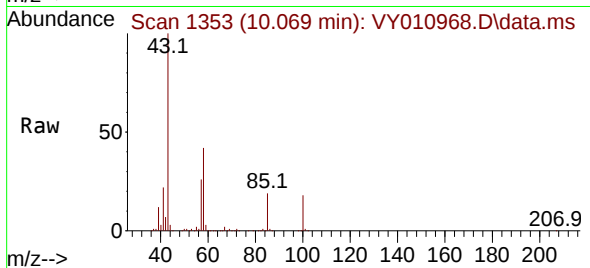
Ion	Ratio	Lower	Upper
98	100		
100	65.3	50.2	75.2





#51
4-Methyl-2-Pentanone
Concen: 93.788 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY010968.D
Acq: 17 Oct 2022 12:18

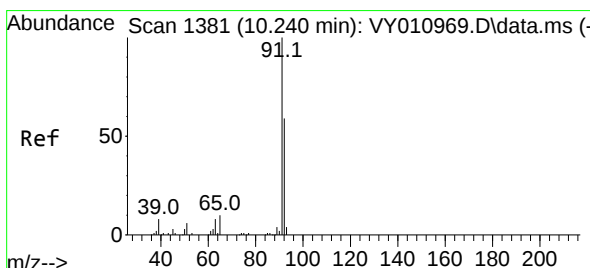
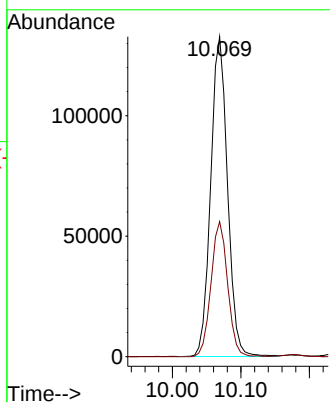
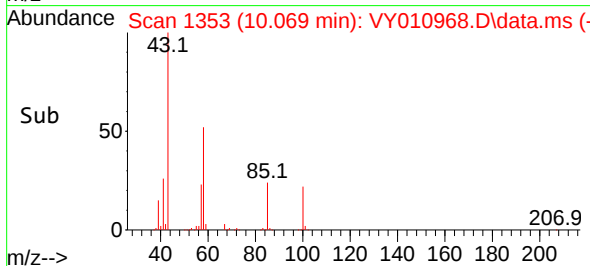
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



Tgt Ion: 43 Resp: 225660
Ion Ratio Lower Upper
43 100
58 41.8 28.1 42.1

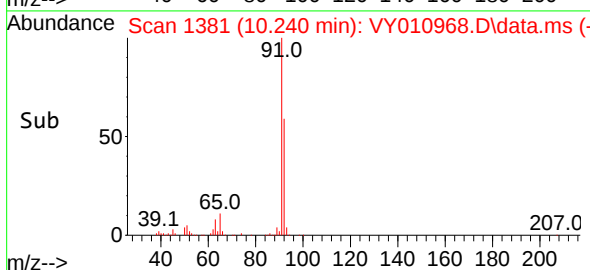
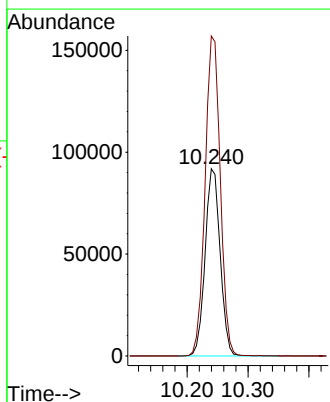
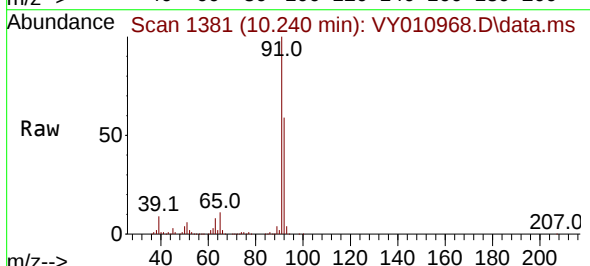
Manual Integrations
APPROVED

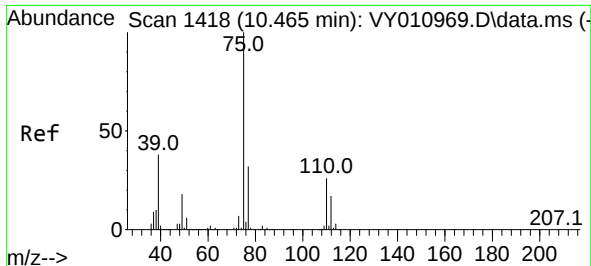
Reviewed By :Krupa Patel 10/18/2022
Supervised By :Mahesh Dadoda 10/19/2022



#52
Toluene
Concen: 19.832 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY010968.D
Acq: 17 Oct 2022 12:18

Tgt Ion: 92 Resp: 157667
Ion Ratio Lower Upper
92 100
91 172.0 142.6 213.8





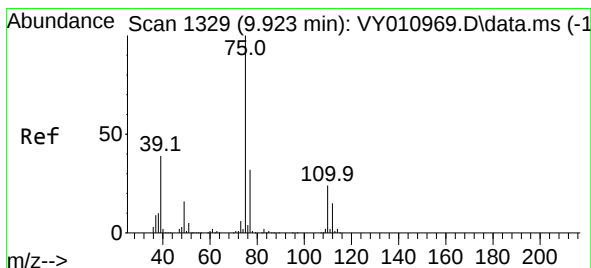
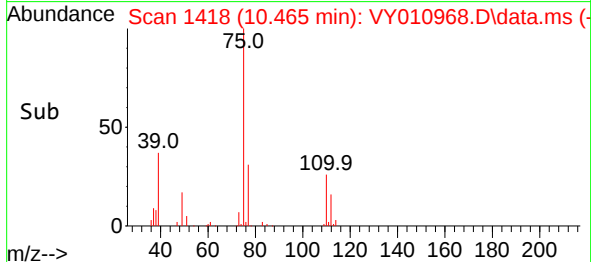
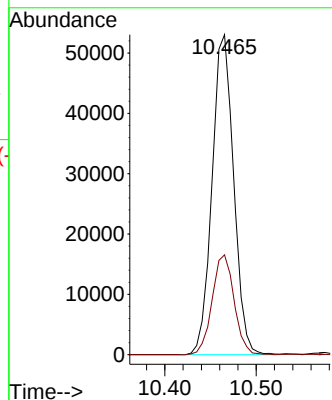
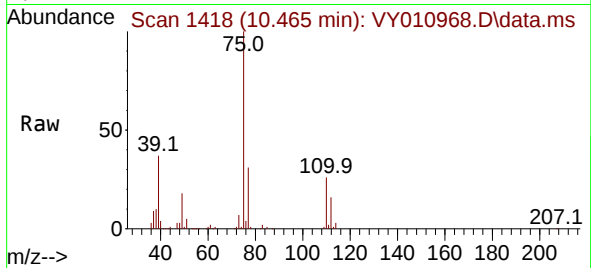
#53
t-1,3-Dichloropropene
Concen: 19.201 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. -0.000 min
Lab File: VY010968.D
Acq: 17 Oct 2022 12:18

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion: 75 Resp: 8705
Ion Ratio Lower Upper
75 100
77 31.2 25.4 38.2

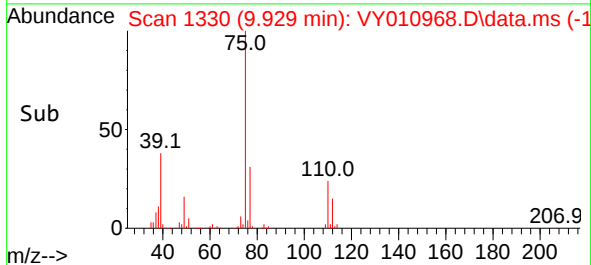
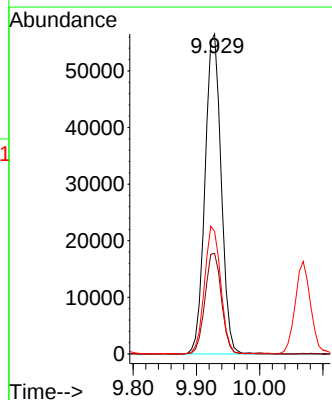
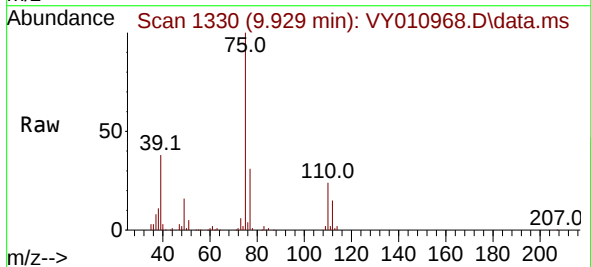
Manual Integrations
APPROVED

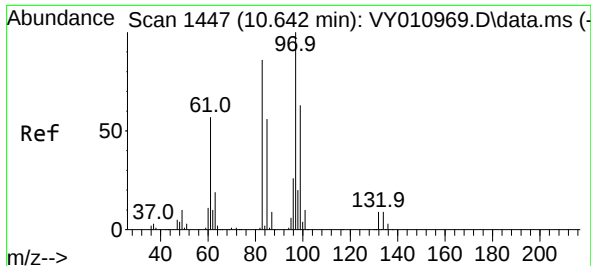
Reviewed By :Krupa Patel 10/18/2022
Supervised By :Mahesh Dadoda 10/19/2022



#54
cis-1,3-Dichloropropene
Concen: 19.411 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. 0.006 min
Lab File: VY010968.D
Acq: 17 Oct 2022 12:18

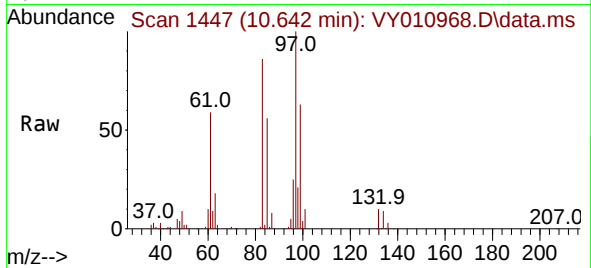
Tgt Ion: 75 Resp: 100706
Ion Ratio Lower Upper
75 100
77 31.4 25.6 38.4
39 38.3 47.6 71.4#





#55
1,1,2-Trichloroethane
Concen: 19.421 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VY010968.D
Acq: 17 Oct 2022 12:18

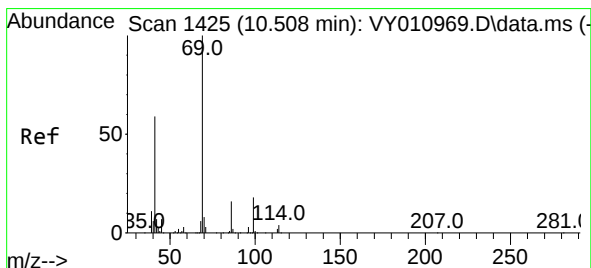
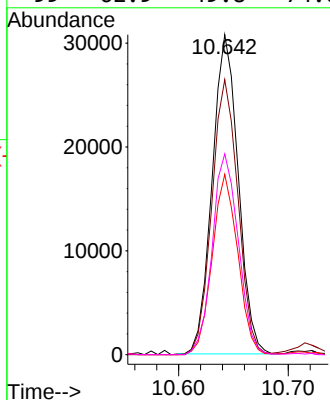
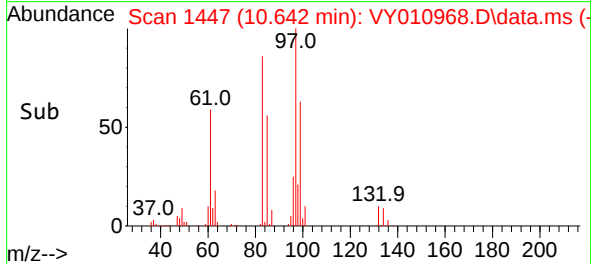
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



Tgt Ion:	97	Resp:	50738
Ion	Ratio	Lower	Upper
97	100		
83	86.2	69.8	104.8
85	56.5	44.3	66.5
99	62.9	49.8	74.6

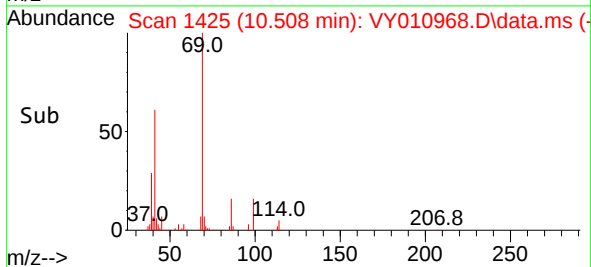
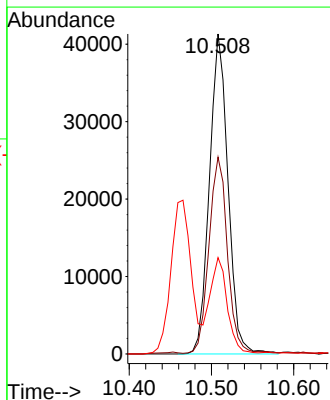
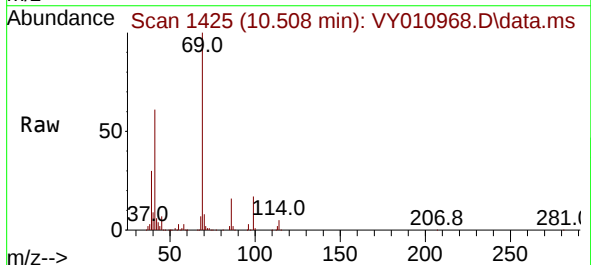
Manual Integrations
APPROVED

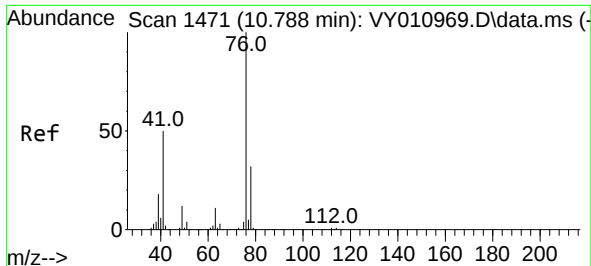
Reviewed By :Krupa Patel 10/18/2022
Supervised By :Mahesh Dadoda 10/19/2022



#56
Ethyl methacrylate
Concen: 18.723 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY010968.D
Acq: 17 Oct 2022 12:18

Tgt Ion:	69	Resp:	64966
Ion	Ratio	Lower	Upper
69	100		
41	61.3	63.4	95.0#
39	27.1	35.8	53.8#





#57

1,3-Dichloropropane

Concen: 19.537 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VY010968.D

Acq: 17 Oct 2022 12:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

Tgt Ion: 76 Resp: 87750

Ion Ratio Lower Upper

76 100

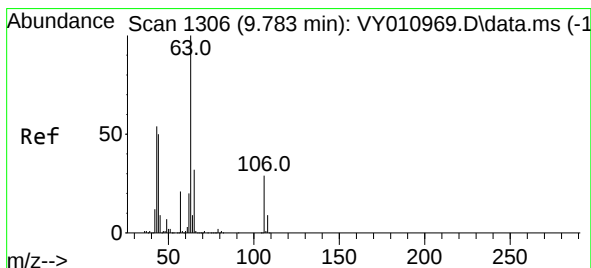
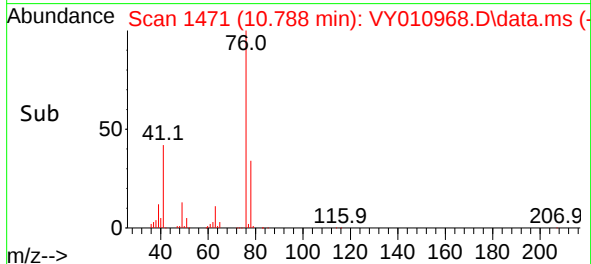
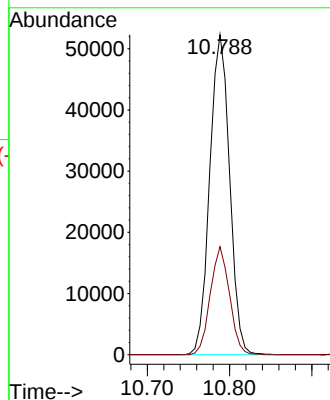
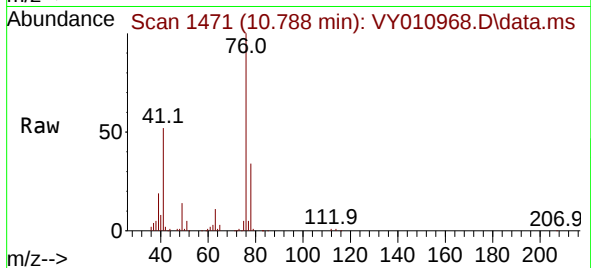
78 32.5 25.0 37.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 10/18/2022

Supervised By :Mahesh Dadoda 10/19/2022



#58

2-Chloroethyl Vinyl ether

Concen: 74.501 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. -0.000 min

Lab File: VY010968.D

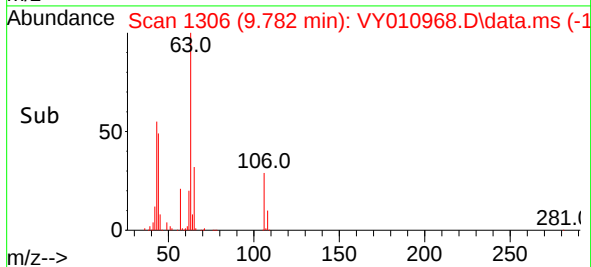
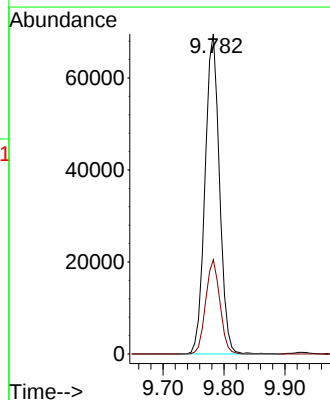
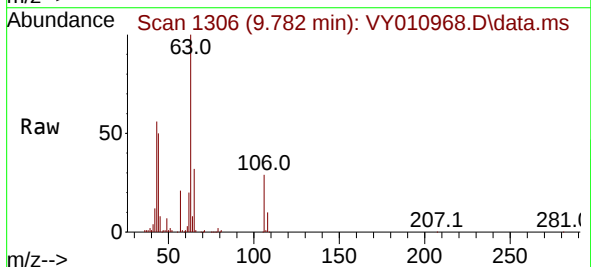
Acq: 17 Oct 2022 12:18

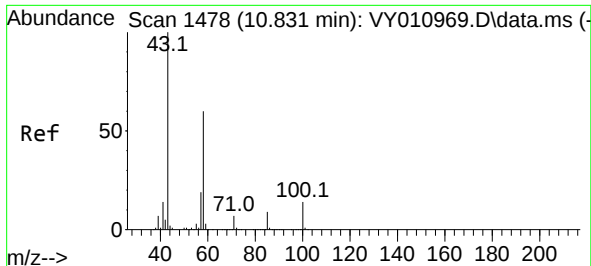
Tgt Ion: 63 Resp: 114569

Ion Ratio Lower Upper

63 100

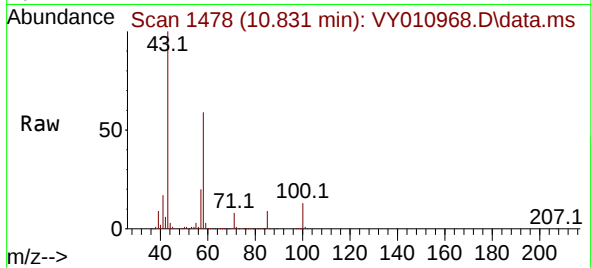
106 28.9 21.5 32.3





#59
2-Hexanone
Concen: 92.907 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY010968.D
Acq: 17 Oct 2022 12:18

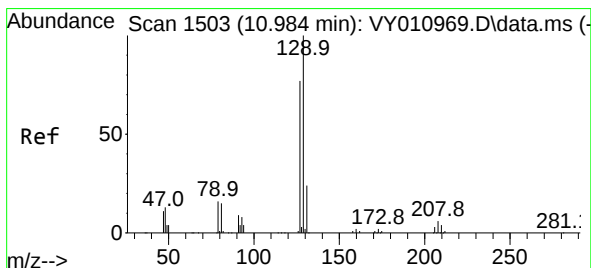
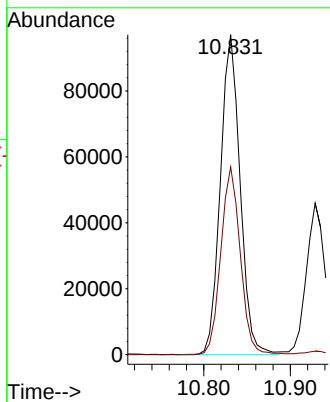
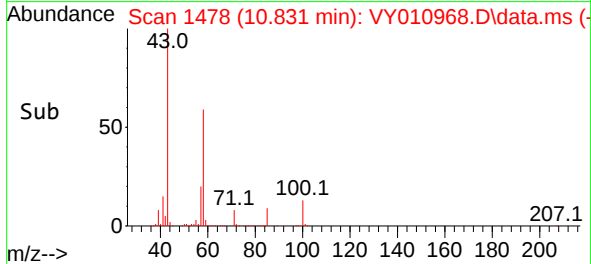
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



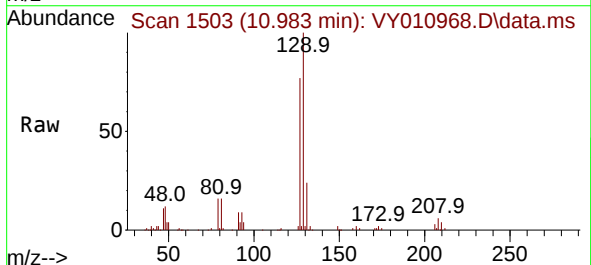
Tgt Ion: 43 Resp: 15355
Ion Ratio Lower Upper
43 100
58 57.9 24.4 73.4

Manual Integrations
APPROVED

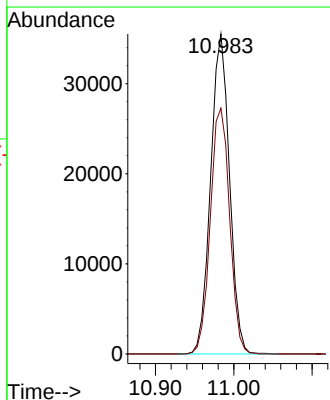
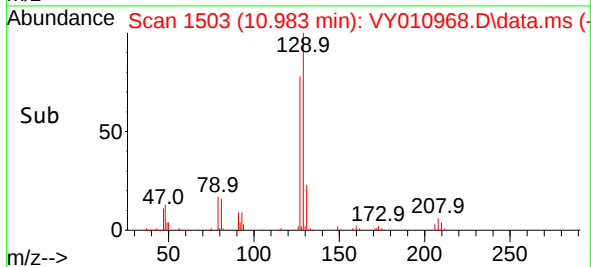
Reviewed By :Krupa Patel 10/18/2022
Supervised By :Mahesh Dadoda 10/19/2022

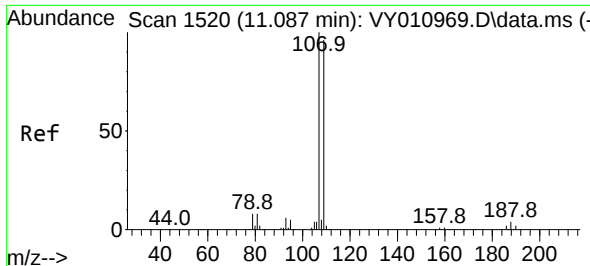


#60
Dibromochloromethane
Concen: 19.115 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. -0.000 min
Lab File: VY010968.D
Acq: 17 Oct 2022 12:18



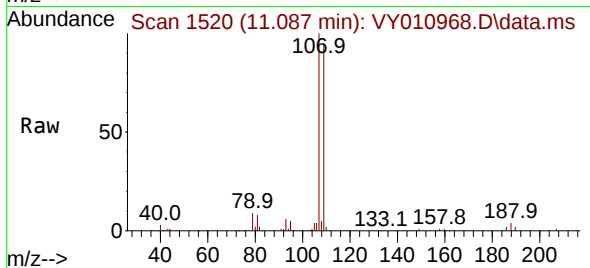
Tgt Ion:129 Resp: 59381
Ion Ratio Lower Upper
129 100
127 78.6 38.7 116.1





#61
1,2-Dibromoethane
Concen: 19.526 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. -0.000 min
Lab File: VY010968.D
Acq: 17 Oct 2022 12:18

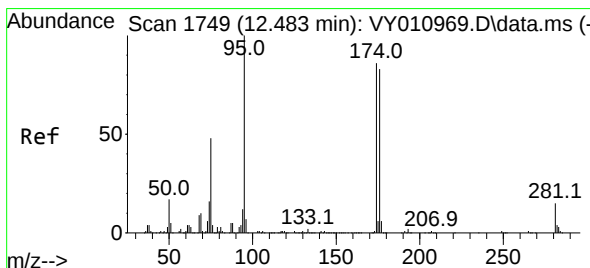
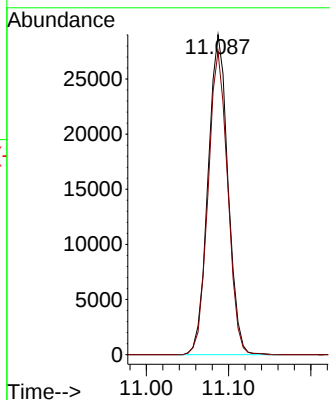
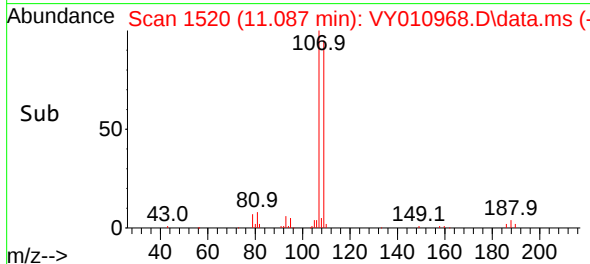
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



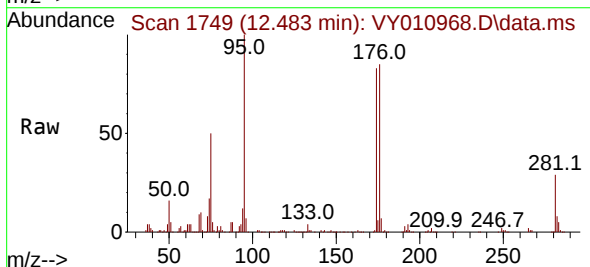
Tgt Ion:107 Resp: 48852
Ion Ratio Lower Upper
107 100
109 92.9 75.4 113.2

Manual Integrations
APPROVED

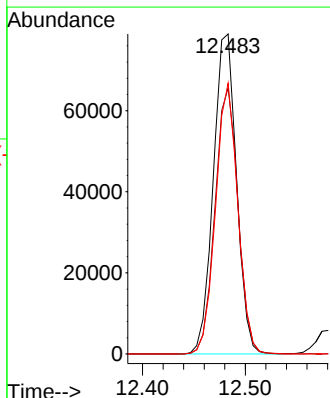
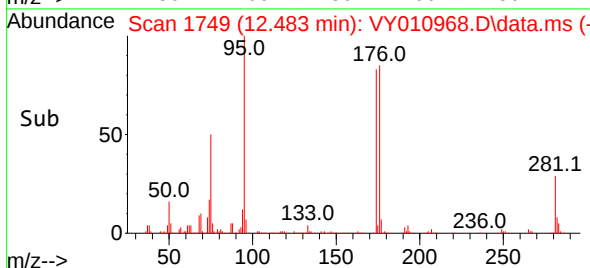
Reviewed By :Krupa Patel 10/18/2022
Supervised By :Mahesh Dadoda 10/19/2022

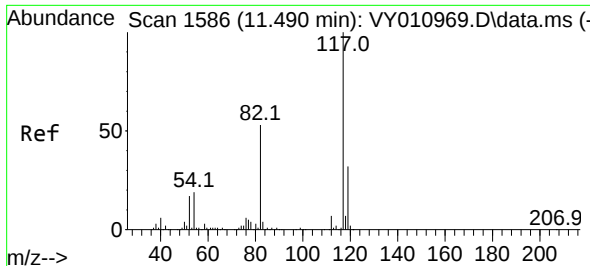


#62
4-Bromofluorobenzene
Concen: 31.482 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY010968.D
Acq: 17 Oct 2022 12:18



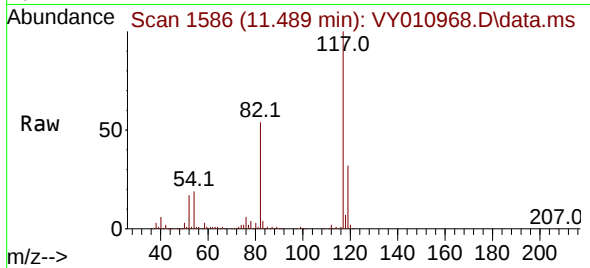
Tgt Ion: 95 Resp: 123187
Ion Ratio Lower Upper
95 100
174 82.8 0.0 177.0
176 81.1 0.0 175.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY010968.D
Acq: 17 Oct 2022 12:18

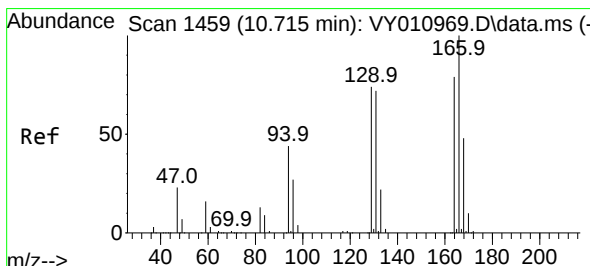
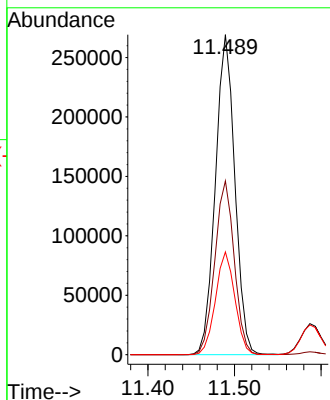
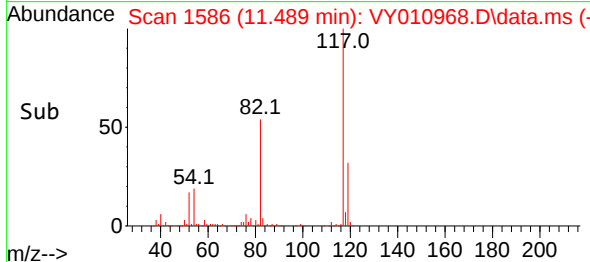
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



Tgt Ion:117 Resp: 41963
Ion Ratio Lower Upper
117 100
82 54.3 43.0 64.4
119 32.1 25.4 38.0

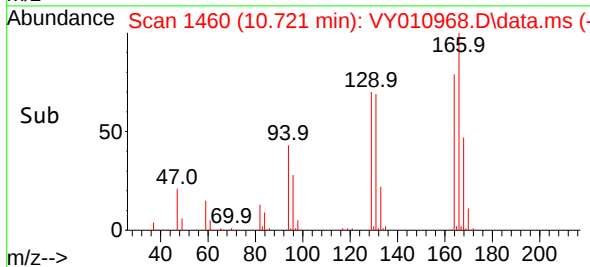
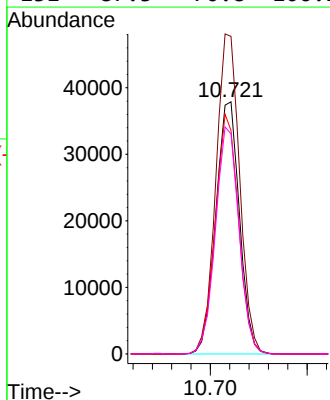
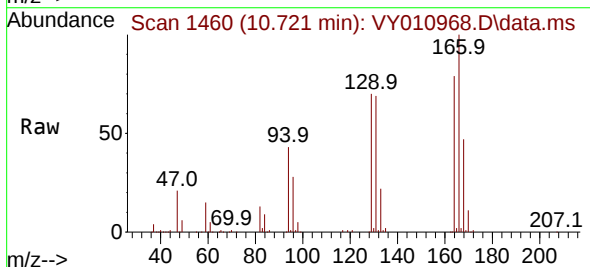
Manual Integrations
APPROVED

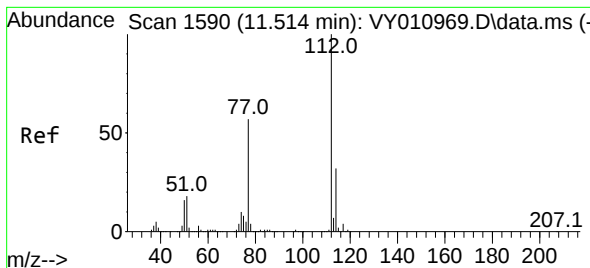
Reviewed By :Krupa Patel 10/18/2022
Supervised By :Mahesh Dadoda 10/19/2022



#64
Tetrachloroethene
Concen: 19.699 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.006 min
Lab File: VY010968.D
Acq: 17 Oct 2022 12:18

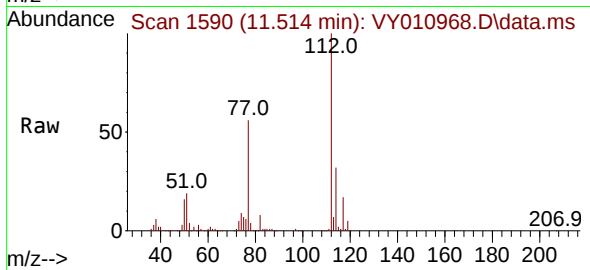
Tgt Ion:164 Resp: 64347
Ion Ratio Lower Upper
164 100
166 126.0 100.4 150.6
129 88.7 71.4 107.0
131 87.3 70.8 106.2





#65
Chlorobenzene
Concen: 19.681 ug/l
RT: 11.514 min Scan# 1150
Delta R.T. -0.000 min
Lab File: VY010968.D
Acq: 17 Oct 2022 12:18

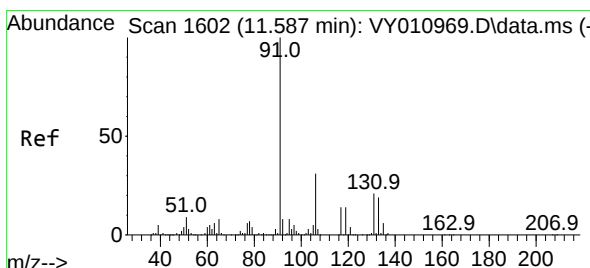
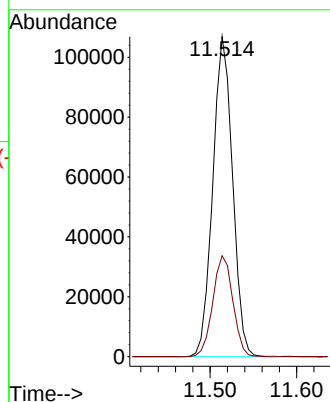
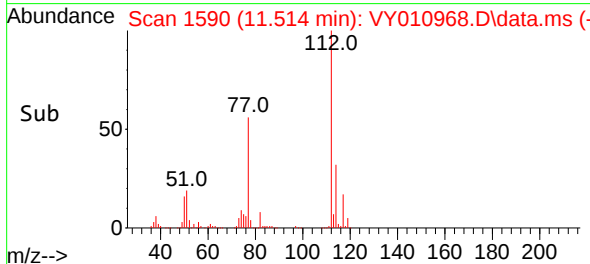
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



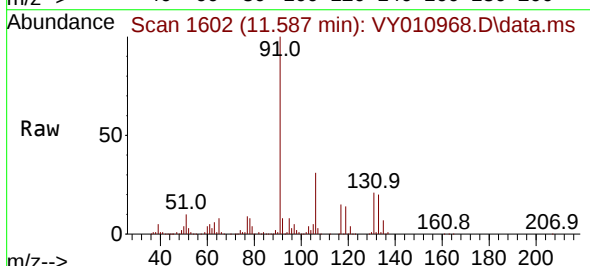
Tgt Ion:112 Resp: 169550
Ion Ratio Lower Upper
112 100
114 31.5 25.8 38.6

Manual Integrations
APPROVED

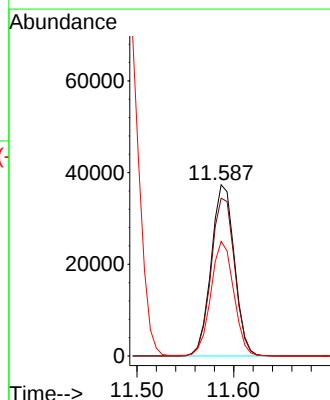
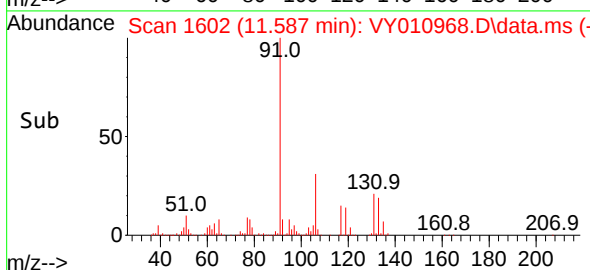
Reviewed By :Krupa Patel 10/18/2022
Supervised By :Mahesh Dadoda 10/19/2022

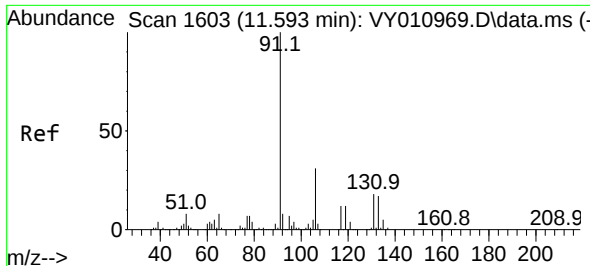


#66
1,1,1,2-Tetrachloroethane
Concen: 19.529 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VY010968.D
Acq: 17 Oct 2022 12:18



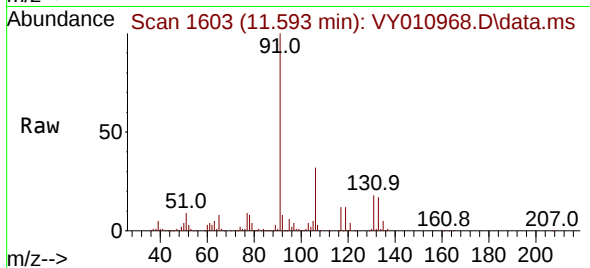
Tgt Ion:131 Resp: 62273
Ion Ratio Lower Upper
131 100
133 94.2 47.9 143.6
119 66.2 30.8 92.3





#67
Ethyl Benzene
Concen: 19.578 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY010968.D
Acq: 17 Oct 2022 12:18

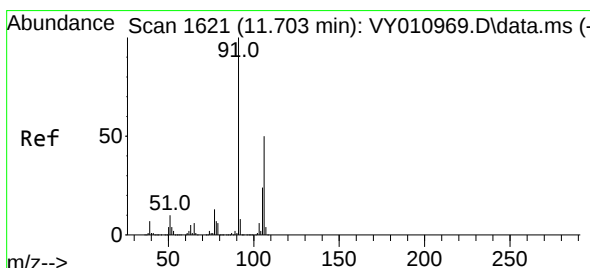
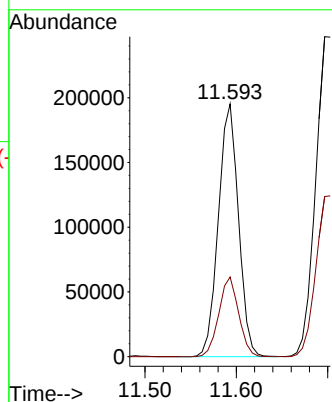
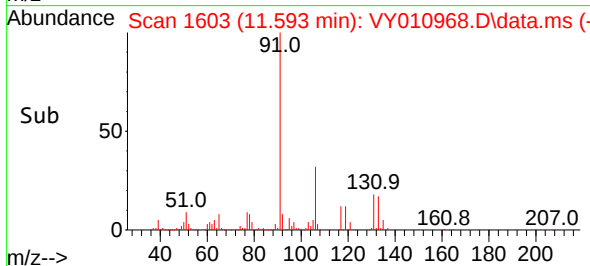
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



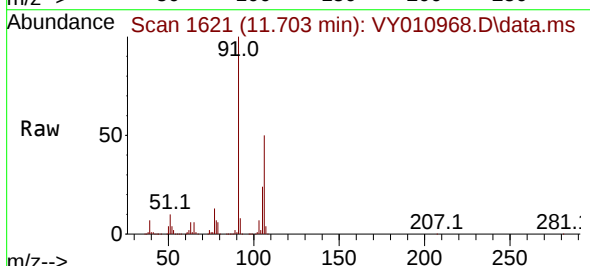
Tgt Ion: 91 Resp: 298397
Ion Ratio Lower Upper
91 100
106 31.5 24.5 36.7

Manual Integrations
APPROVED

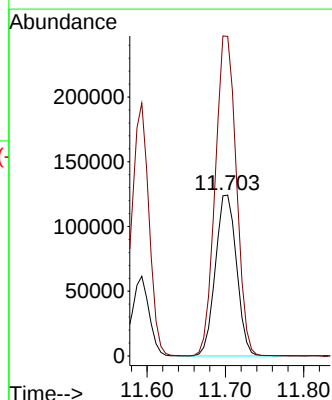
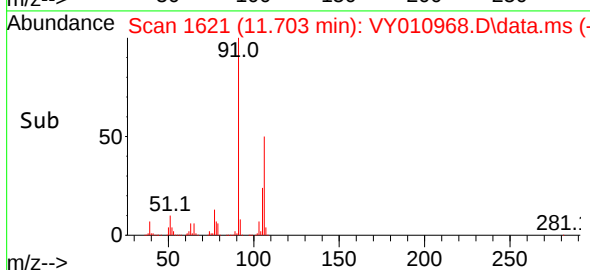
Reviewed By :Krupa Patel 10/18/2022
Supervised By :Mahesh Dadoda 10/19/2022

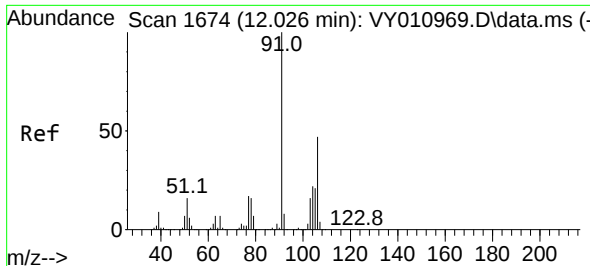


#68
m/p-Xylenes
Concen: 39.795 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY010968.D
Acq: 17 Oct 2022 12:18



Tgt Ion:106 Resp: 233320
Ion Ratio Lower Upper
106 100
91 198.5 166.6 249.8





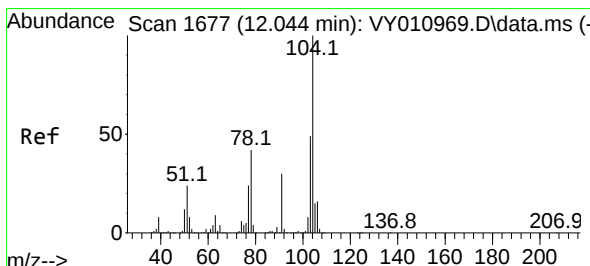
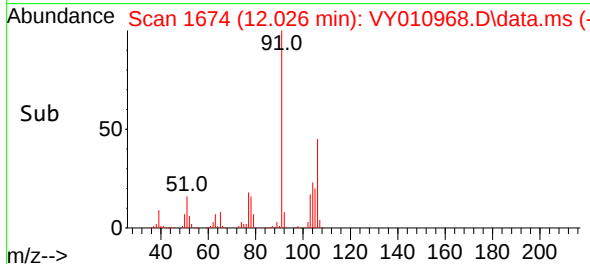
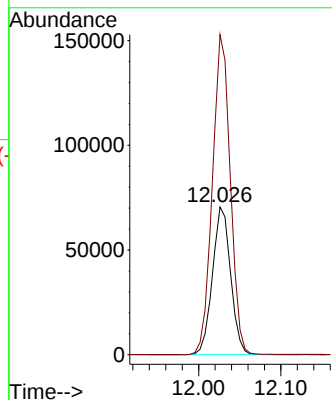
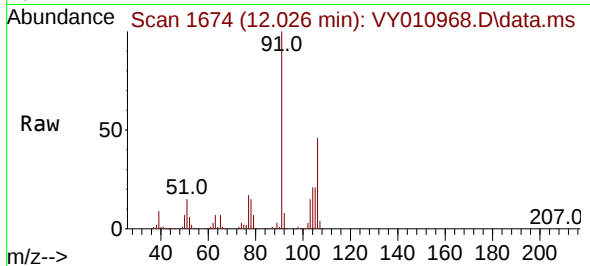
#69
o-Xylene
Concen: 19.369 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.000 min
Lab File: VY010968.D
Acq: 17 Oct 2022 12:18

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion:106 Resp: 107833
Ion Ratio Lower Upper
106 100
91 213.8 110.3 331.0

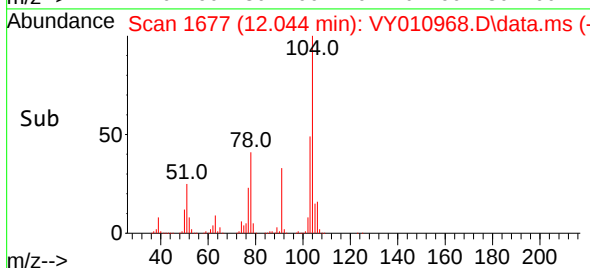
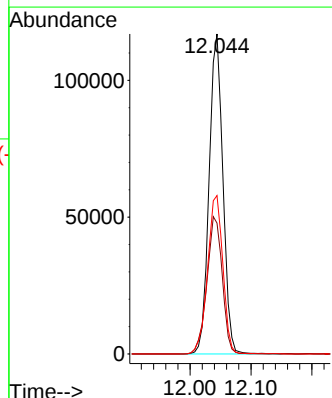
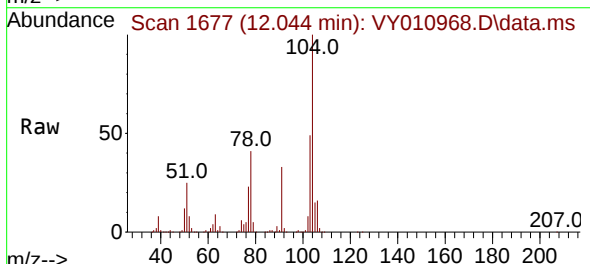
Manual Integrations
APPROVED

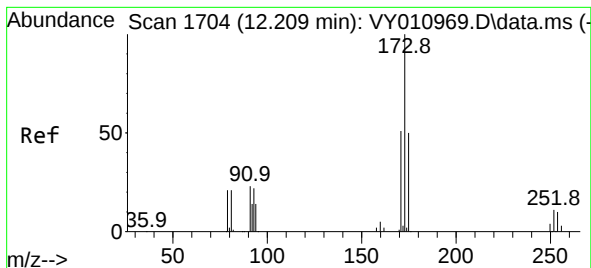
Reviewed By :Krupa Patel 10/18/2022
Supervised By :Mahesh Dadoda 10/19/2022



#70
Styrene
Concen: 19.552 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. -0.000 min
Lab File: VY010968.D
Acq: 17 Oct 2022 12:18

Tgt Ion:104 Resp: 184440
Ion Ratio Lower Upper
104 100
78 47.5 42.4 63.6
103 54.9 44.4 66.6





#71

Bromoform

Concen: 18.944 ug/l

RT: 12.209 min Scan# 1704

Delta R.T. -0.000 min

Lab File: VY010968.D

Acq: 17 Oct 2022 12:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

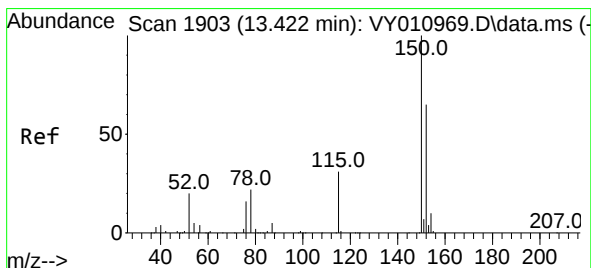
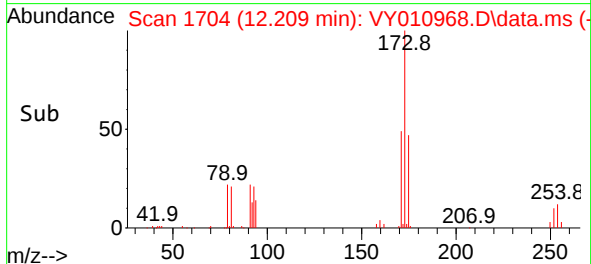
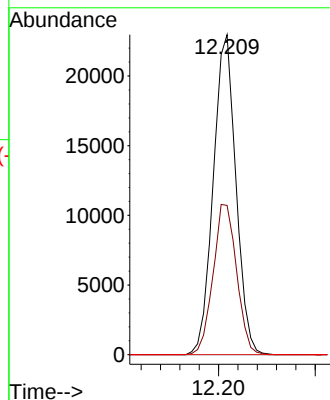
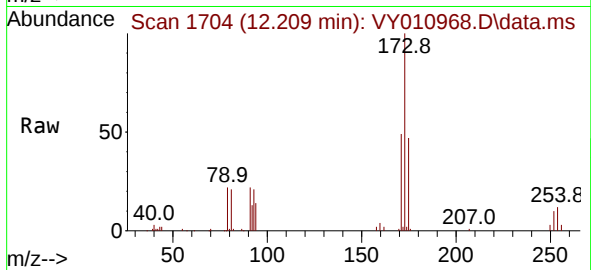
Tgt Ion:173	Resp:	3728
Ion Ratio	Lower	Upper
173	100	
175	48.9	24.6 74.0
254	0.0	0.0 0.0

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

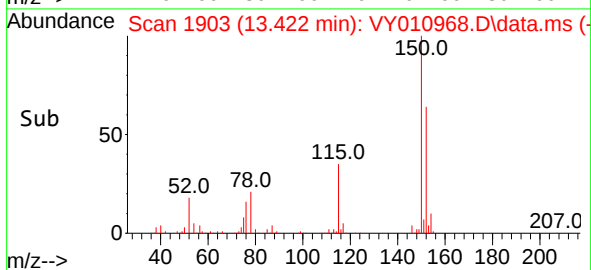
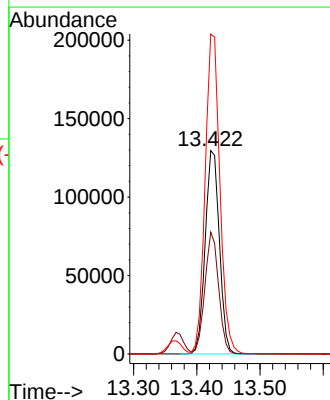
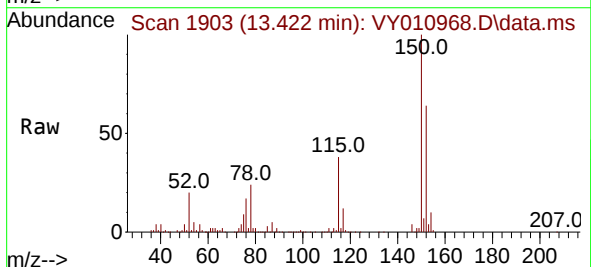
RT: 13.422 min Scan# 1903

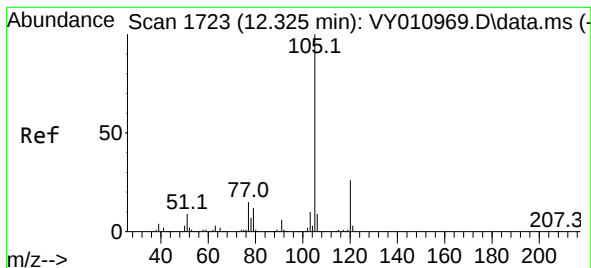
Delta R.T. -0.000 min

Lab File: VY010968.D

Acq: 17 Oct 2022 12:18

Tgt Ion:152	Resp:	202632
Ion Ratio	Lower	Upper
152	100	
115	58.2	28.2 84.7
150	163.4	0.0 347.6





#73

Isopropylbenzene

Concen: 19.731 ug/l

RT: 12.331 min Scan# 1724

Delta R.T. 0.006 min

Lab File: VY010968.D

Acq: 17 Oct 2022 12:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

Tgt Ion:105 Resp: 290470

Ion Ratio Lower Upper

105 100

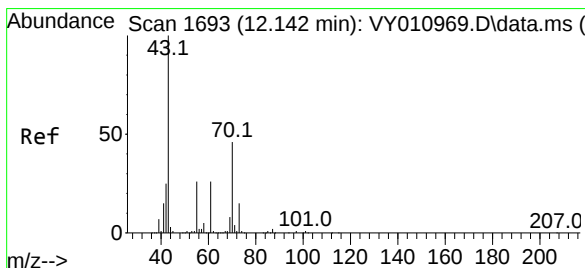
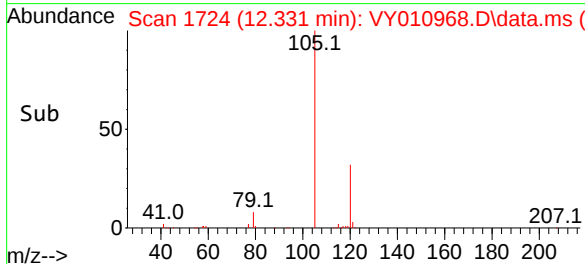
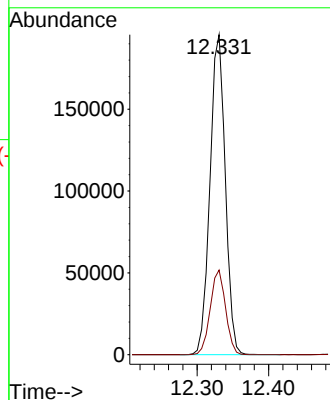
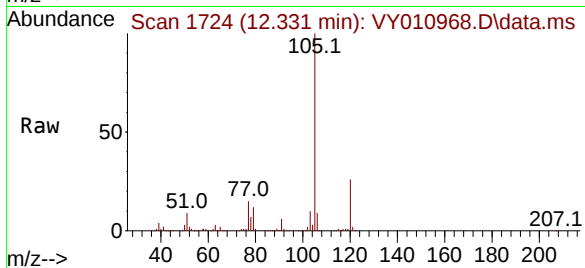
120 26.4 13.4 40.2

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 10/18/2022

Supervised By :Mahesh Dadoda 10/19/2022



#74

N-amy1 acetate

Concen: 18.657 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VY010968.D

Acq: 17 Oct 2022 12:18

Tgt Ion: 43 Resp: 69686

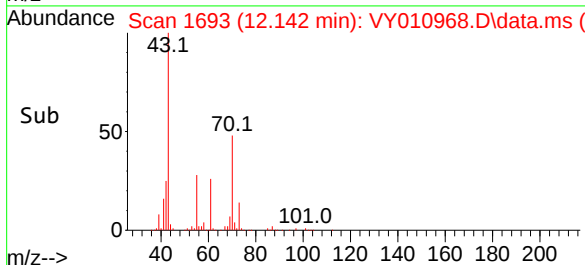
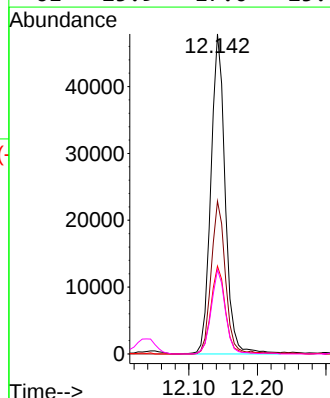
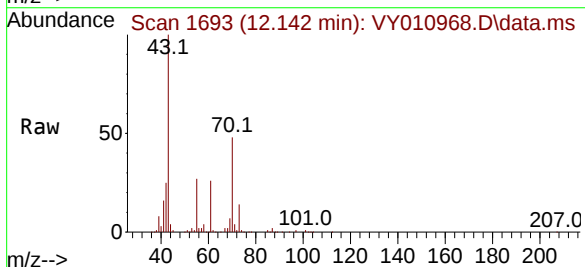
Ion Ratio Lower Upper

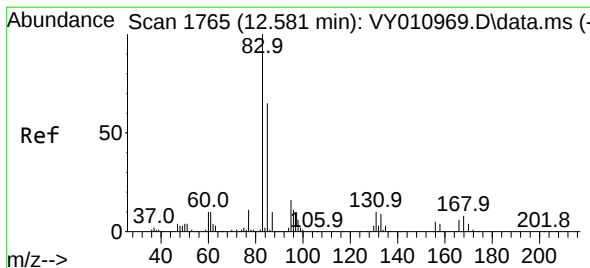
43 100

70 47.8 28.7 43.1#

55 28.0 17.3 25.9#

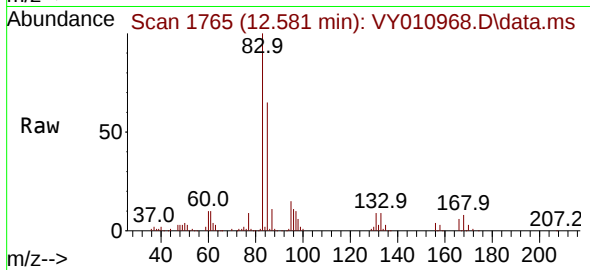
61 25.9 17.0 25.6#





#75
1,1,2,2-Tetrachloroethane
Concen: 19.456 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY010968.D
Acq: 17 Oct 2022 12:18

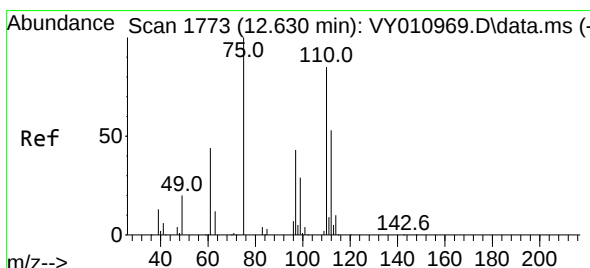
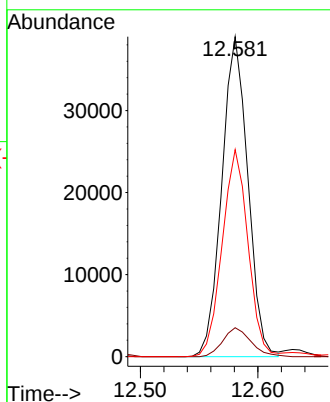
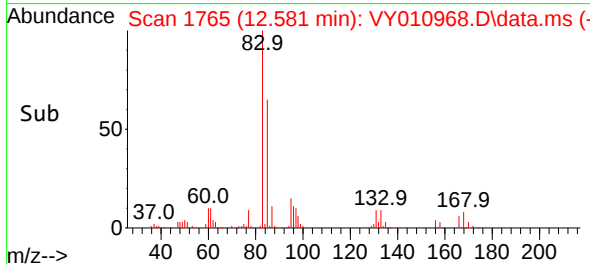
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



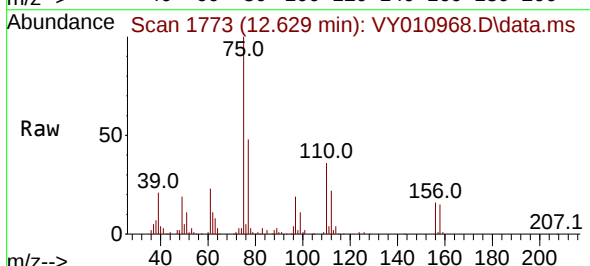
Tgt Ion: 83 Resp: 6011
Ion Ratio Lower Upper
83 100
131 9.8 5.6 16.8
85 64.0 32.3 96.8

Manual Integrations
APPROVED

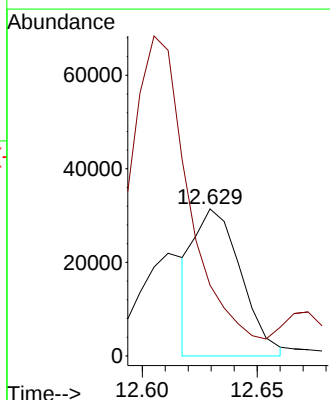
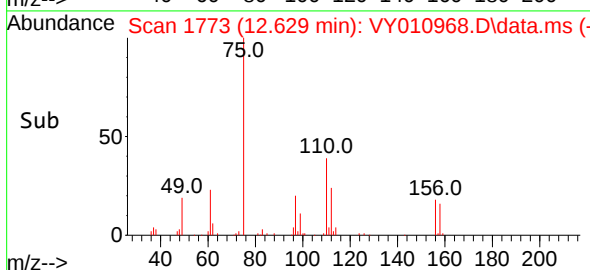
Reviewed By :Krupa Patel 10/18/2022
Supervised By :Mahesh Dadoda 10/19/2022

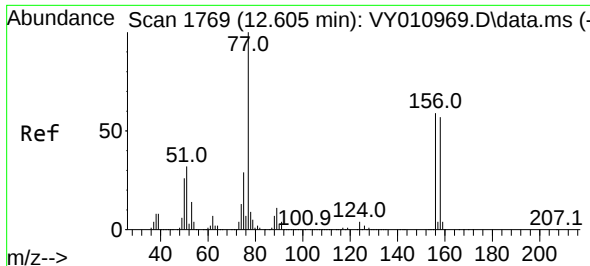


#76
1,2,3-Trichloropropane
Concen: 18.979 ug/l m
RT: 12.629 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VY010968.D
Acq: 17 Oct 2022 12:18



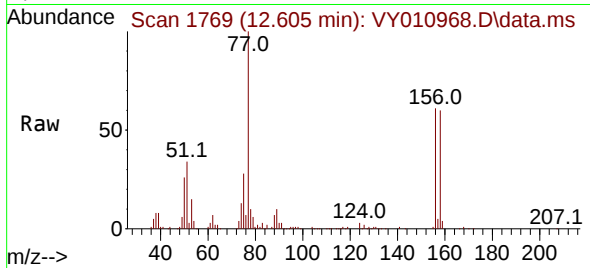
Tgt Ion: 75 Resp: 44551
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 19.581 ug/l
RT: 12.605 min Scan# 1769
Delta R.T. -0.000 min
Lab File: VY010968.D
Acq: 17 Oct 2022 12:18

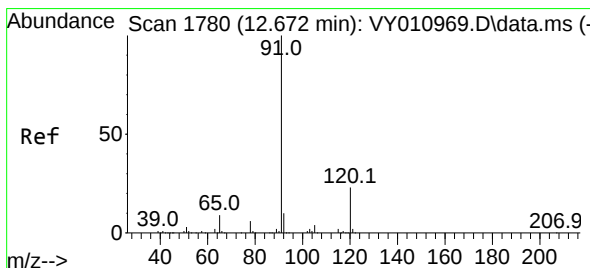
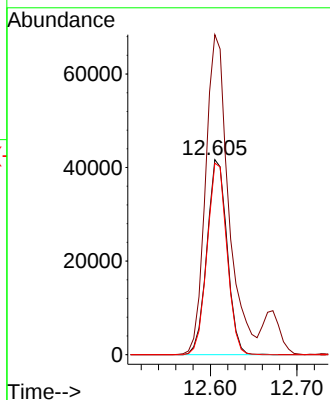
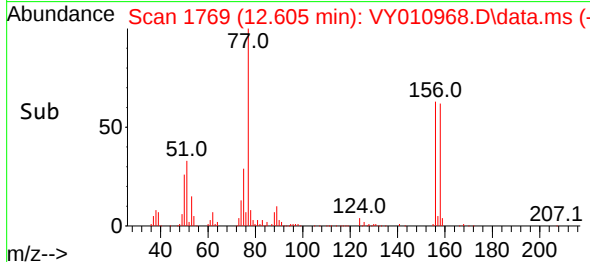
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



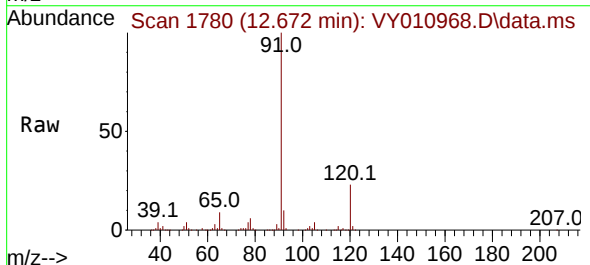
Tgt Ion:156 Resp: 6738
Ion Ratio Lower Upper
156 100
77 187.7 95.5 286.4
158 96.7 48.0 144.0

Manual Integrations
APPROVED

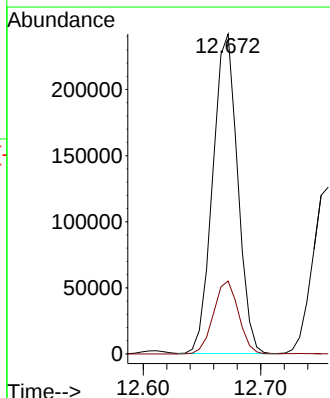
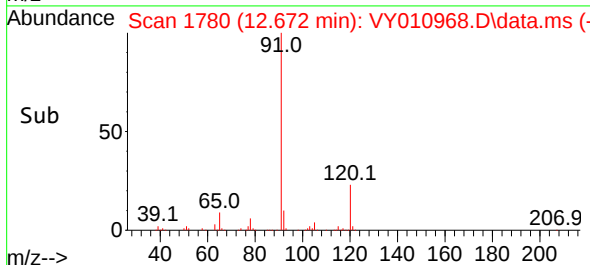
Reviewed By :Krupa Patel 10/18/2022
Supervised By :Mahesh Dadoda 10/19/2022

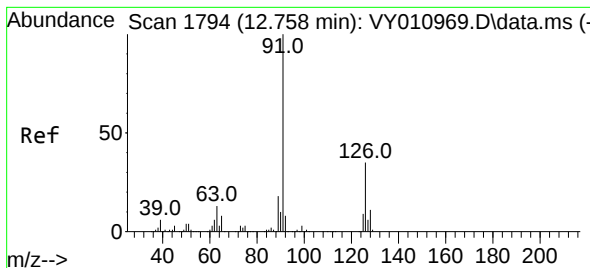


#78
n-propylbenzene
Concen: 19.858 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. -0.000 min
Lab File: VY010968.D
Acq: 17 Oct 2022 12:18



Tgt Ion: 91 Resp: 355687
Ion Ratio Lower Upper
91 100
120 23.0 11.3 33.9





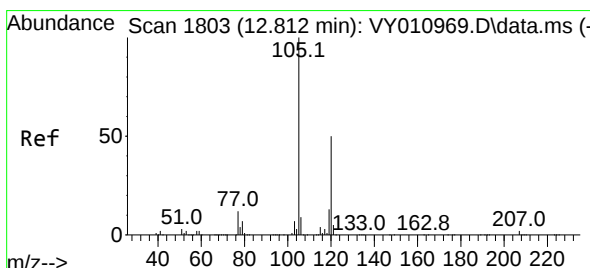
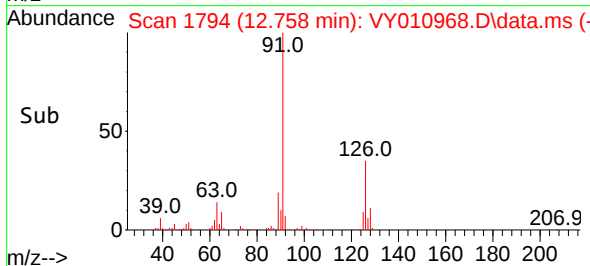
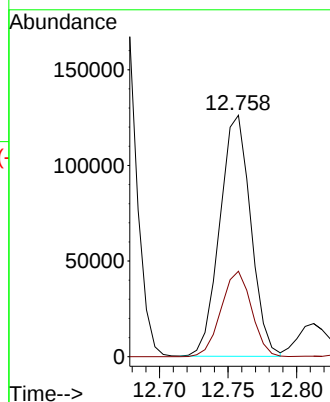
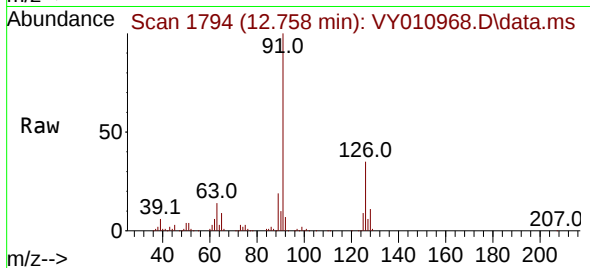
#79
2-Chlorotoluene
Concen: 19.696 ug/l
RT: 12.758 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VY010968.D
Acq: 17 Oct 2022 12:18

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 91 Resp: 198679
Ion Ratio Lower Upper
91 100
126 34.9 16.9 50.6

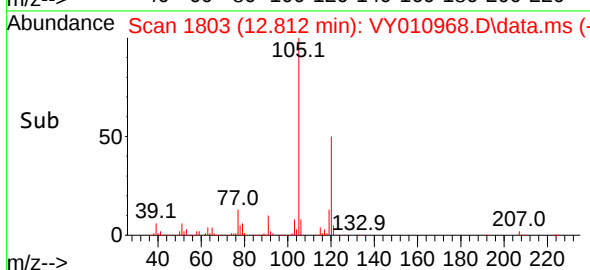
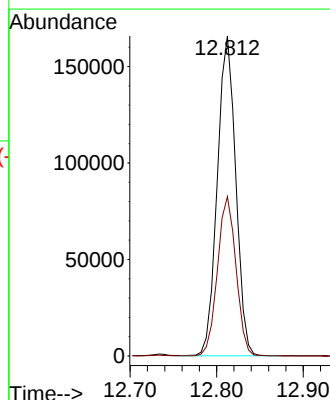
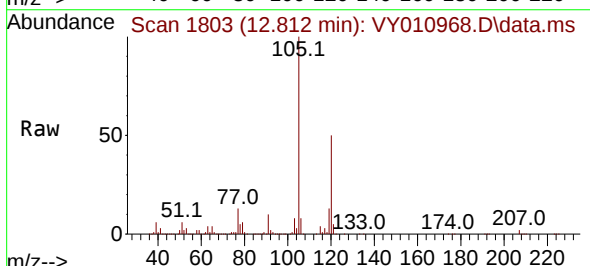
Manual Integrations
APPROVED

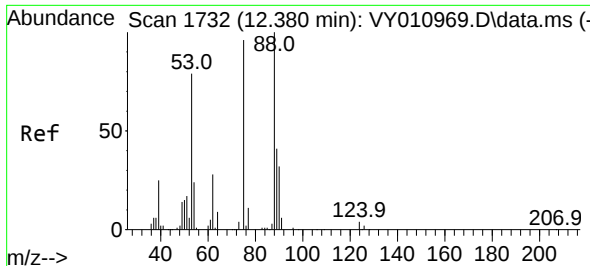
Reviewed By :Krupa Patel 10/18/2022
Supervised By :Mahesh Dadoda 10/19/2022



#80
1,3,5-Trimethylbenzene
Concen: 19.953 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VY010968.D
Acq: 17 Oct 2022 12:18

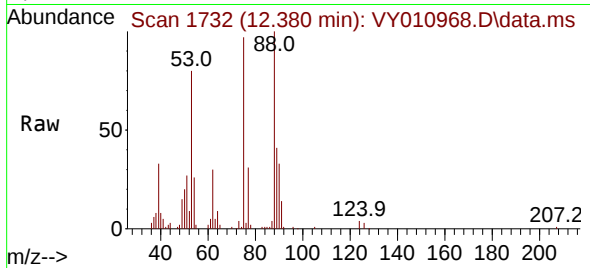
Tgt Ion:105 Resp: 245082
Ion Ratio Lower Upper
105 100
120 50.0 24.4 73.4





#81
trans-1,4-Dichloro-2-butene
Concen: 19.318 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VY010968.D
Acq: 17 Oct 2022 12:18

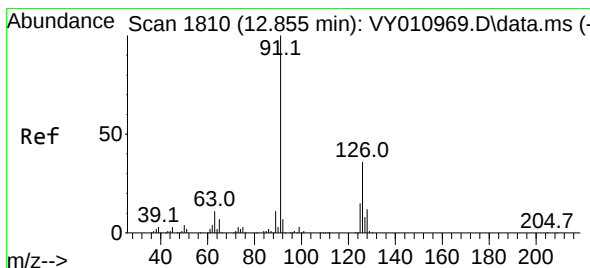
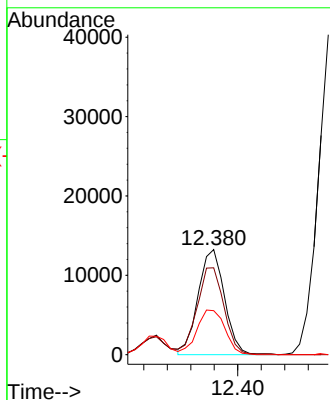
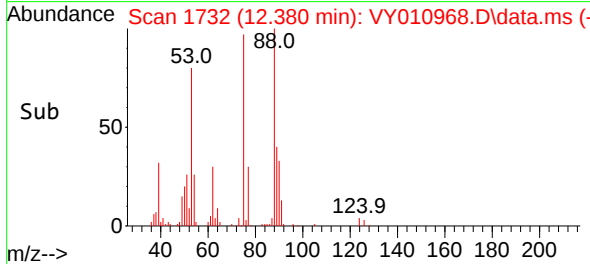
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



Tgt Ion: 75 Resp: 20664
Ion Ratio Lower Upper
75 100
53 84.3 85.3 127.9
89 45.1 37.0 55.4

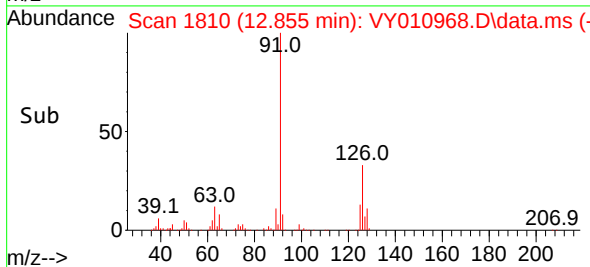
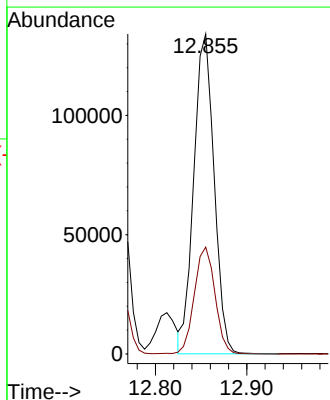
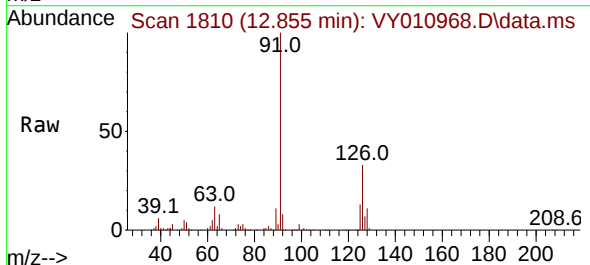
Manual Integrations
APPROVED

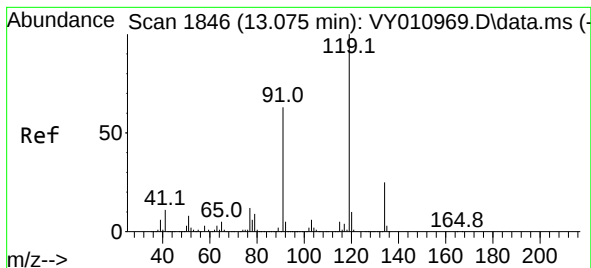
Reviewed By :Krupa Patel 10/18/2022
Supervised By :Mahesh Dadoda 10/19/2022



#82
4-Chlorotoluene
Concen: 19.709 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VY010968.D
Acq: 17 Oct 2022 12:18

Tgt Ion: 91 Resp: 206994
Ion Ratio Lower Upper
91 100
126 34.1 17.0 51.0





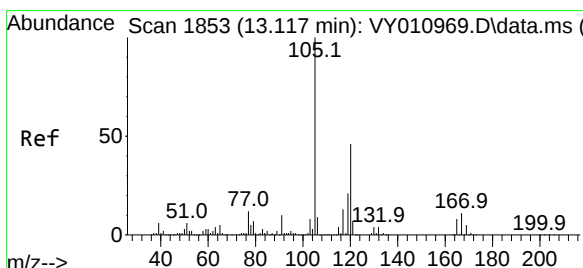
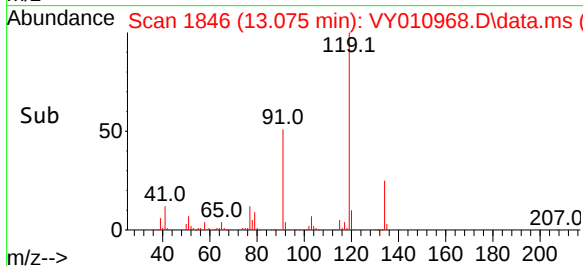
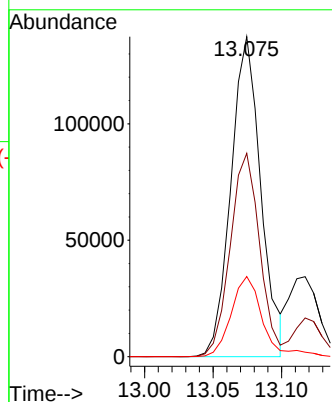
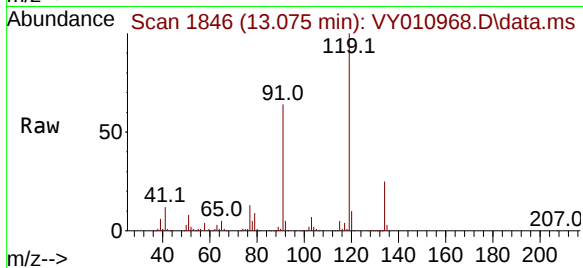
#83
tert-Butylbenzene
Concen: 19.688 ug/l
RT: 13.075 min Scan# 1846
Delta R.T. -0.000 min
Lab File: VY010968.D
Acq: 17 Oct 2022 12:18

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion:119 Resp: 209124
Ion Ratio Lower Upper
119 100
91 62.4 34.8 104.4
134 26.3 13.3 39.9

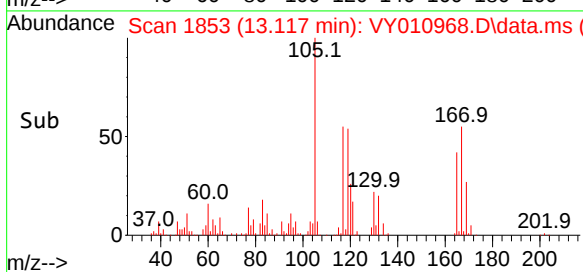
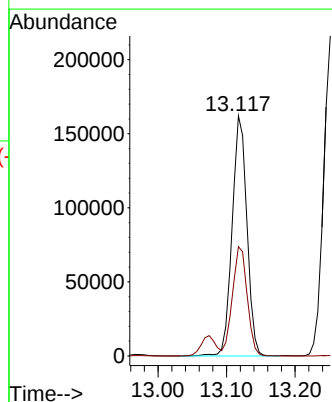
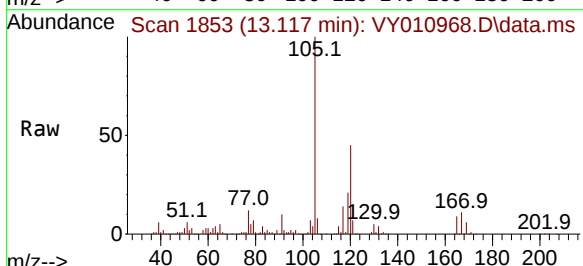
Manual Integrations
APPROVED

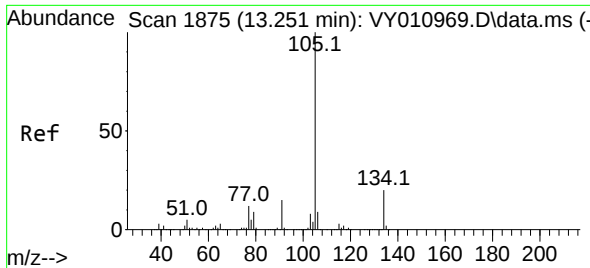
Reviewed By :Krupa Patel 10/18/2022
Supervised By :Mahesh Dadoda 10/19/2022



#84
1,2,4-Trimethylbenzene
Concen: 20.024 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VY010968.D
Acq: 17 Oct 2022 12:18

Tgt Ion:105 Resp: 242537
Ion Ratio Lower Upper
105 100
120 45.5 22.3 66.9





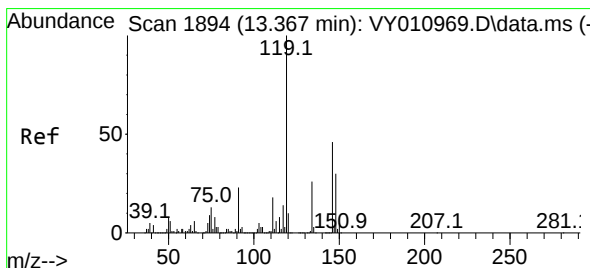
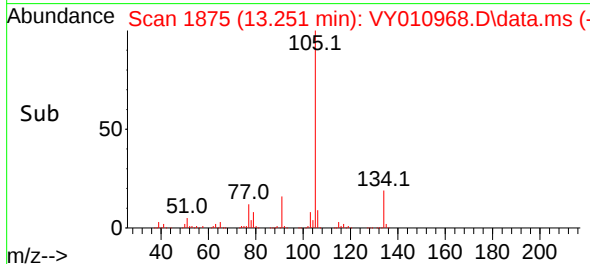
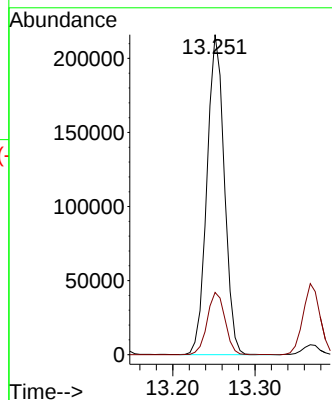
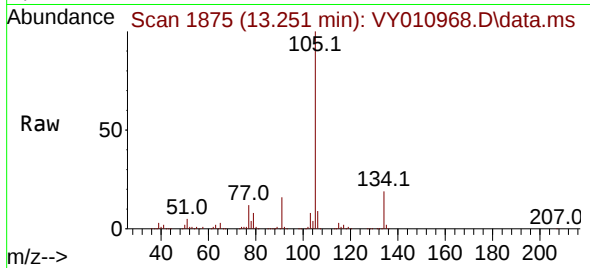
#85
 sec-Butylbenzene
 Concen: 19.871 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. -0.000 min
 Lab File: VY010968.D
 Acq: 17 Oct 2022 12:18

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

Tgt Ion:105 Resp: 31716
 Ion Ratio Lower Upper
 105 100
 134 19.9 10.2 30.4

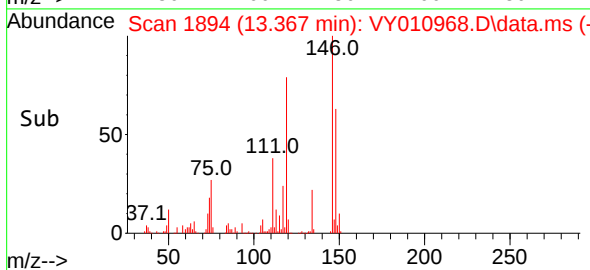
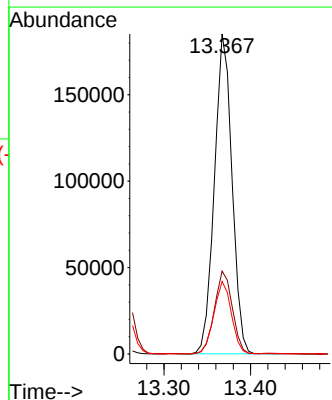
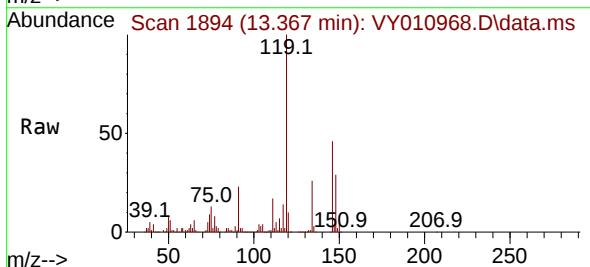
Manual Integrations
 APPROVED

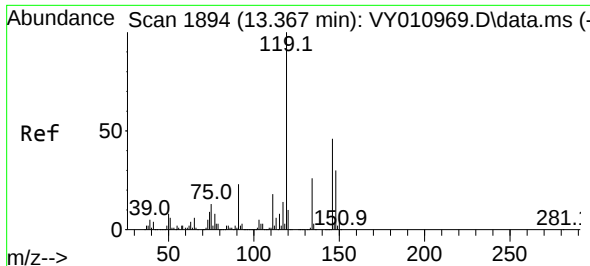
Reviewed By :Krupa Patel 10/18/2022
 Supervised By :Mahesh Dadoda 10/19/2022



#86
 p-Isopropyltoluene
 Concen: 19.705 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. -0.000 min
 Lab File: VY010968.D
 Acq: 17 Oct 2022 12:18

Tgt Ion:119 Resp: 260907
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.2 39.5
 91 22.6 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 19.550 ug/l

RT: 13.367 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY010968.D

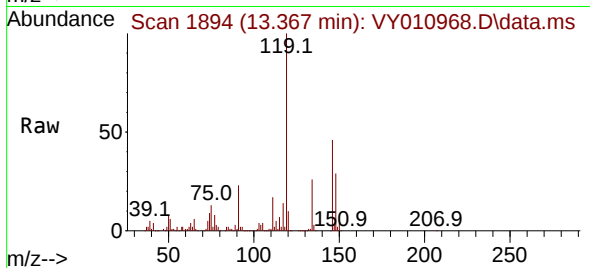
Acq: 17 Oct 2022 12:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020



Tgt Ion:146 Resp: 134264

Ion Ratio Lower Upper

146 100

111 38.6 19.5 58.5

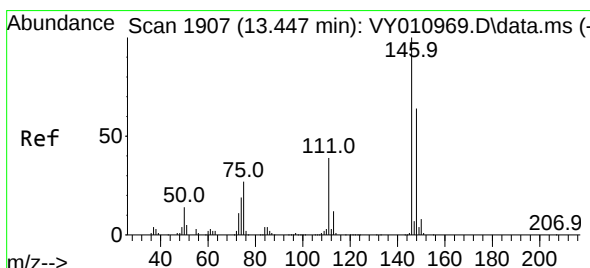
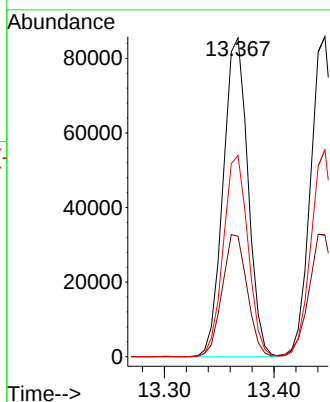
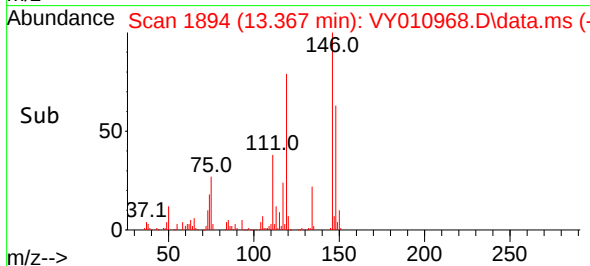
148 62.9 31.6 95.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 10/18/2022

Supervised By :Mahesh Dadoda 10/19/2022



#88

1,4-Dichlorobenzene

Concen: 19.548 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY010968.D

Acq: 17 Oct 2022 12:18

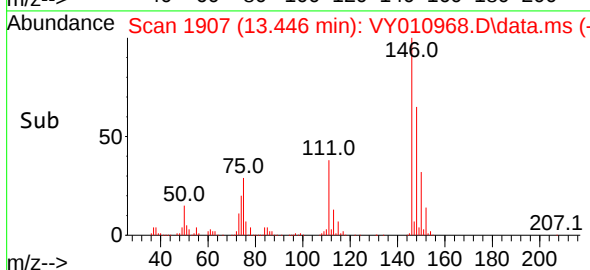
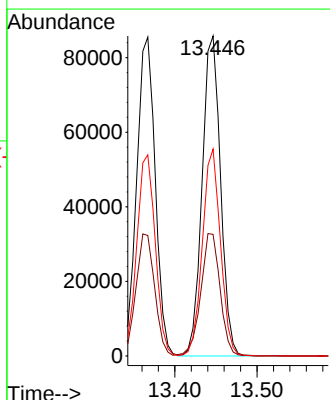
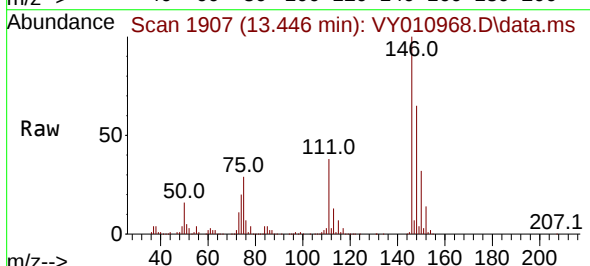
Tgt Ion:146 Resp: 133483

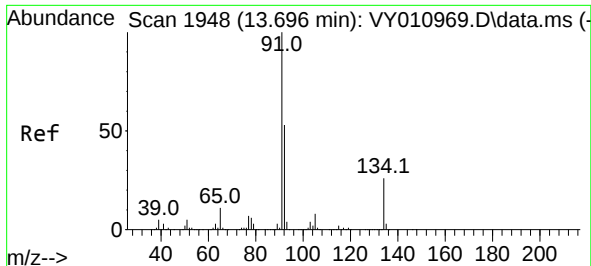
Ion Ratio Lower Upper

146 100

111 40.1 19.3 57.8

148 63.6 32.6 97.8





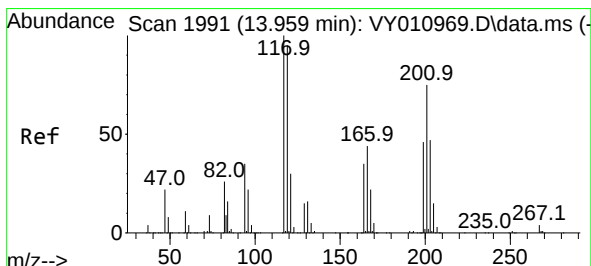
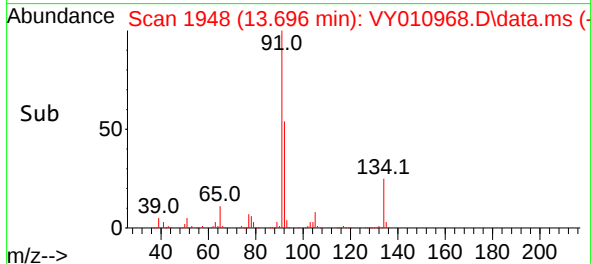
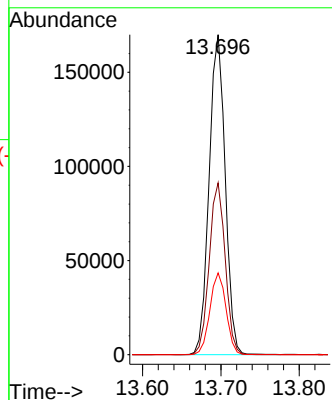
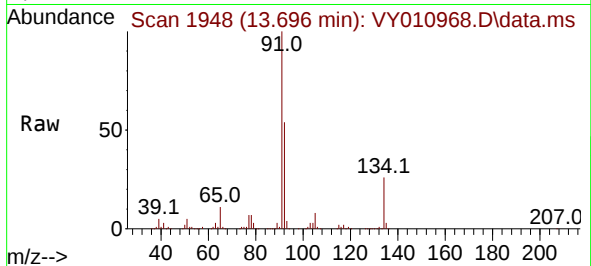
#89
n-Butylbenzene
Concen: 19.582 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. -0.000 min
Lab File: VY010968.D
Acq: 17 Oct 2022 12:18

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion: 91 Resp: 242292
Ion Ratio Lower Upper
91 100
92 53.4 26.3 78.9
134 25.6 13.0 38.9

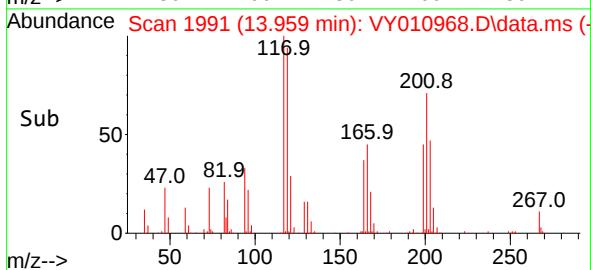
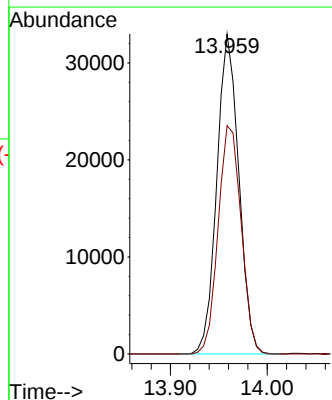
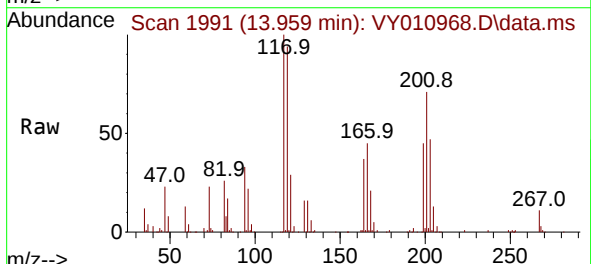
Manual Integrations
APPROVED

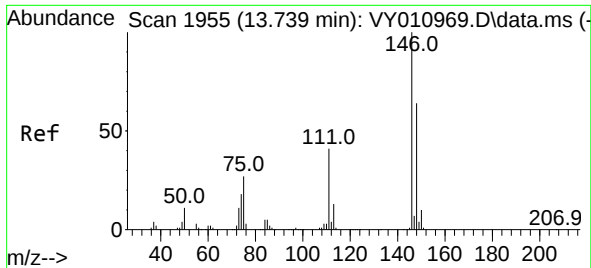
Reviewed By :Krupa Patel 10/18/2022
Supervised By :Mahesh Dadoda 10/19/2022



#90
Hexachloroethane
Concen: 19.885 ug/l
RT: 13.959 min Scan# 1991
Delta R.T. -0.000 min
Lab File: VY010968.D
Acq: 17 Oct 2022 12:18

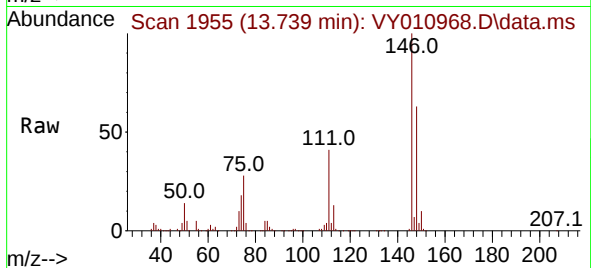
Tgt Ion:117 Resp: 51962
Ion Ratio Lower Upper
117 100
201 74.8 43.0 128.8





#91
1,2-Dichlorobenzene
Concen: 19.594 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. -0.000 min
Lab File: VY010968.D
Acq: 17 Oct 2022 12:18

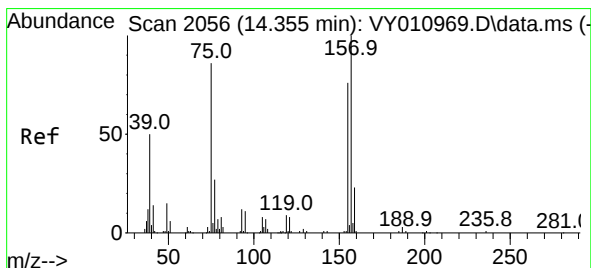
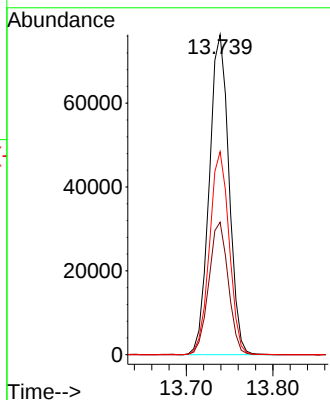
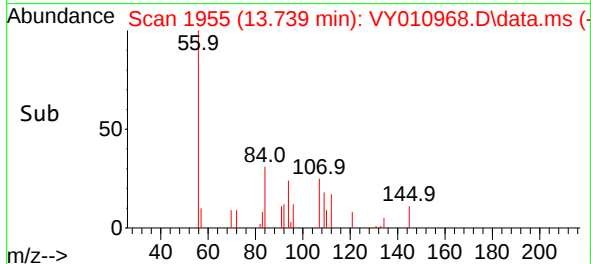
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



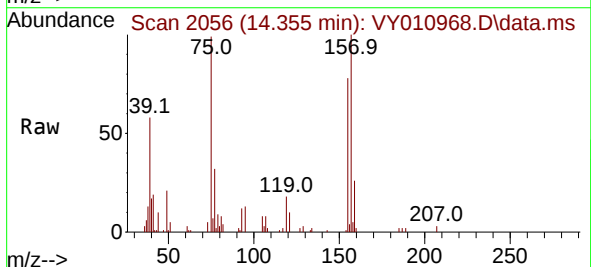
Tgt Ion:146 Resp: 12039
Ion Ratio Lower Upper
146 100
111 41.1 20.3 60.9
148 63.2 32.3 96.9

Manual Integrations
APPROVED

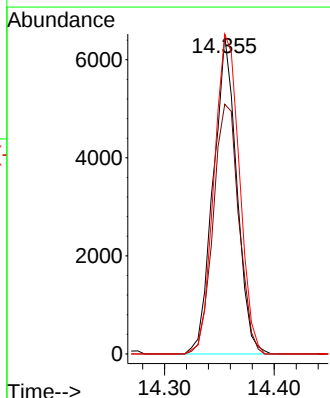
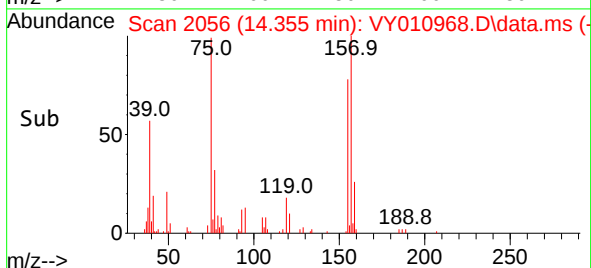
Reviewed By :Krupa Patel 10/18/2022
Supervised By :Mahesh Dadoda 10/19/2022

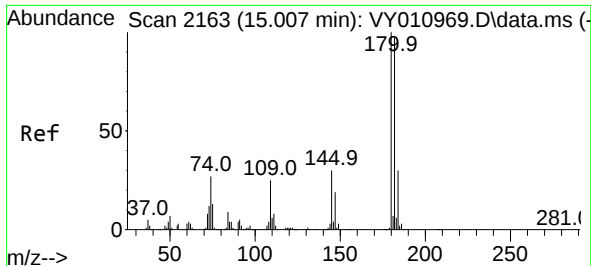


#92
1,2-Dibromo-3-Chloropropane
Concen: 18.803 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY010968.D
Acq: 17 Oct 2022 12:18



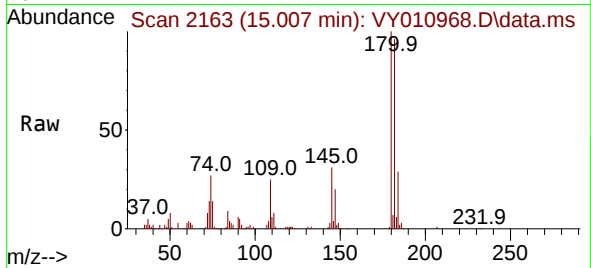
Tgt Ion: 75 Resp: 9605
Ion Ratio Lower Upper
75 100
155 86.1 38.0 113.9
157 108.7 47.8 143.3





#93
1,2,4-Trichlorobenzene
Concen: 18.742 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. -0.000 min
Lab File: VY010968.D
Acq: 17 Oct 2022 12:18

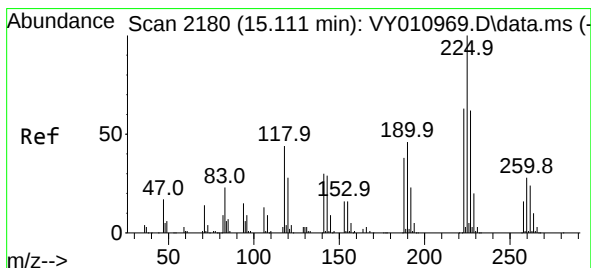
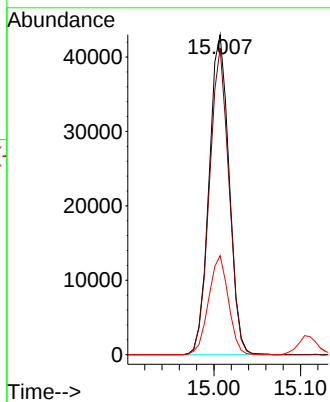
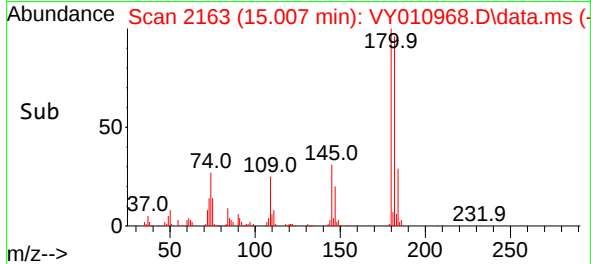
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



Tgt Ion:180 Resp: 68828
Ion Ratio Lower Upper
180 100
182 93.7 47.3 141.9
145 30.7 14.6 43.8

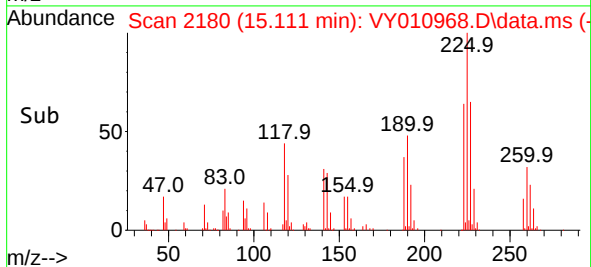
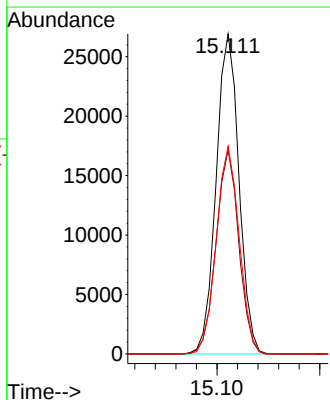
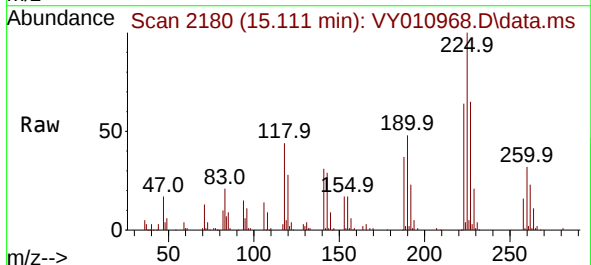
Manual Integrations
APPROVED

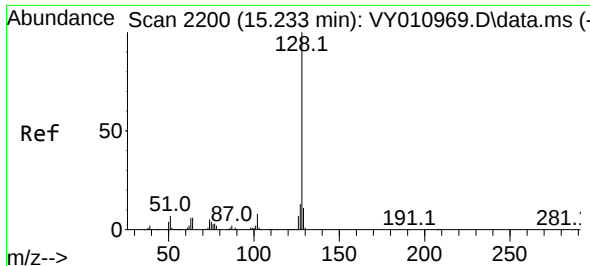
Reviewed By :Krupa Patel 10/18/2022
Supervised By :Mahesh Dadoda 10/19/2022



#94
Hexachlorobutadiene
Concen: 19.173 ug/l
RT: 15.111 min Scan# 2180
Delta R.T. -0.000 min
Lab File: VY010968.D
Acq: 17 Oct 2022 12:18

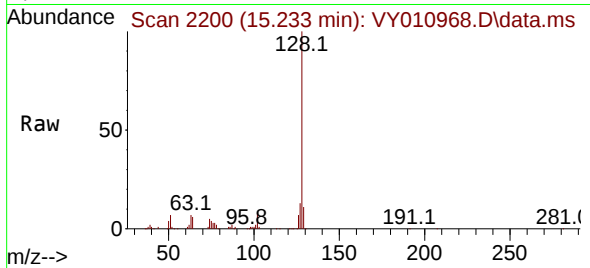
Tgt Ion:225 Resp: 41444
Ion Ratio Lower Upper
225 100
223 63.3 30.8 92.3
227 65.4 31.6 94.7





#95
Naphthalene
Concen: 18.075 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. -0.000 min
Lab File: VY010968.D
Acq: 17 Oct 2022 12:18

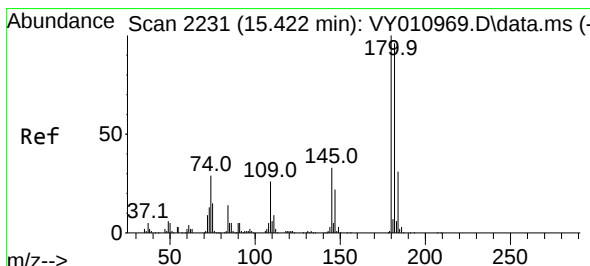
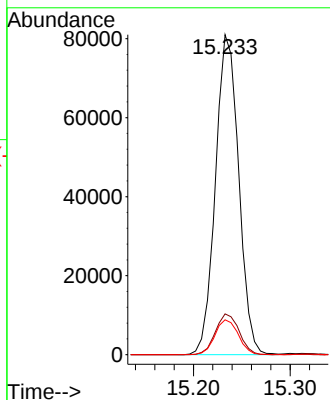
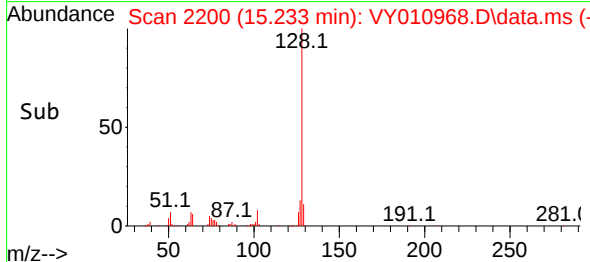
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



Tgt Ion:128 Resp: 13518
Ion Ratio Lower Upper
128 100
127 13.0 11.0 16.4
129 11.0 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: 18.519 ug/l
RT: 15.422 min Scan# 2231
Delta R.T. -0.000 min
Lab File: VY010968.D
Acq: 17 Oct 2022 12:18

Tgt Ion:180 Resp: 59330
Ion Ratio Lower Upper
180 100
182 94.3 47.3 141.9
145 32.3 15.3 45.9

