

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110122\
 Data File : VY011211.D
 Acq On : 01 Nov 2022 10:04
 Operator : KP/MD
 Sample : VSTDICC010
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC010

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 11/02/2022
 Supervised By :Mahesh Dadoda 11/02/2022

Quant Time: Nov 01 11:01:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110122S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 18 01:42:42 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	231024	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	379580	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	351650	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	177324	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	26327	12.371	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	24.740%#		
35) Dibromofluoromethane	7.710	113	24447	9.822	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	19.640%#		
50) Toluene-d8	10.179	98	96401	12.163	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	24.320%#		
62) 4-Bromofluorobenzene	12.477	95	32426	9.033	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	18.060%#		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	25547	16.671	ug/l	99
3) Chloromethane	2.107	50	27612	12.559	ug/l	94
4) Vinyl Chloride	2.247	62	30542	12.257	ug/l	99
5) Bromomethane	2.650	94	20442	11.861	ug/l	94
6) Chloroethane	2.790	64	19094	11.467	ug/l	98
7) Trichlorofluoromethane	3.119	101	43692	11.980	ug/l	99
8) Diethyl Ether	3.527	74	15140	11.124	ug/l	79
9) 1,1,2-Trichlorotrifluo...	3.893	101	25360	11.085	ug/l	95
10) Methyl Iodide	4.082	142	31467	11.241	ug/l	92
11) Tert butyl alcohol	4.954	59	15265	46.014	ug/l	98
12) 1,1-Dichloroethene	3.869	96	25133	11.468	ug/l	85
13) Acrolein	3.729	56	9002	26.240	ug/l	99
14) Allyl chloride	4.472	41	37040	10.658	ug/l #	85
15) Acrylonitrile	5.161	53	36661	51.675	ug/l	96
16) Acetone	3.948	43	32245	52.178	ug/l #	85
17) Carbon Disulfide	4.186	76	83604	13.013	ug/l	99
18) Methyl Acetate	4.479	43	19992	9.200	ug/l #	87
19) Methyl tert-butyl Ether	5.216	73	63765	10.414	ug/l	94
20) Methylene Chloride	4.710	84	40179	9.845	ug/l #	82
21) trans-1,2-Dichloroethene	5.216	96	28234	11.412	ug/l	90
22) Diisopropyl ether	6.112	45	78218	10.509	ug/l #	94
23) Vinyl Acetate	6.058	43	228743	51.393	ug/l #	92
24) 1,1-Dichloroethane	6.009	63	49041	10.913	ug/l	98
25) 2-Butanone	6.984	43	49239	52.539	ug/l #	87
26) 2,2-Dichloropropane	6.978	77	45746	11.463	ug/l	98
27) cis-1,2-Dichloroethene	6.984	96	30954	10.856	ug/l	92
28) Bromochloromethane	7.332	49	18260	14.180	ug/l #	87
29) Tetrahydrofuran	7.344	42	28588	49.580	ug/l #	84
30) Chloroform	7.502	83	49994	11.036	ug/l	99
31) Cyclohexane	7.783	56	45489	11.170	ug/l #	81
32) 1,1,1-Trichloroethane	7.697	97	44727	11.232	ug/l	96
36) 1,1-Dichloropropene	7.911	75	38411	10.870	ug/l	98
37) Ethyl Acetate	7.070	43	21401	10.939	ug/l #	93
38) Carbon Tetrachloride	7.899	117	40509	11.106	ug/l	99
39) Methylcyclohexane	9.179	83	45272	10.697	ug/l	93
40) Benzene	8.155	78	116934	11.278	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	10212m	9.633	ug/l	
42) 1,2-Dichloroethane	8.234	62	31758	11.055	ug/l	91
43) Isopropyl Acetate	8.271	43	36626	10.478	ug/l #	89
44) Trichloroethene	8.935	130	31032	11.045	ug/l	99
45) 1,2-Dichloropropane	9.209	63	28823	10.957	ug/l	97
46) Dibromomethane	9.301	93	16134	10.997	ug/l	96
47) Bromodichloromethane	9.496	83	37995	10.746	ug/l	98
48) Methyl methacrylate	9.289	41	16182	10.344	ug/l #	78
49) 1,4-Dioxane	9.313	88	3884	184.248	ug/l #	82
51) 4-Methyl-2-Pentanone	10.069	43	99283	50.932	ug/l	90
52) Toluene	10.240	92	71085	11.036	ug/l	96
53) t-1,3-Dichloropropene	10.465	75	39148	10.658	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	45429	10.808	ug/l #	81
55) 1,1,2-Trichloroethane	10.642	97	23556	11.129	ug/l	98
56) Ethyl methacrylate	10.508	69	28320	10.074	ug/l #	76
57) 1,3-Dichloropropane	10.788	76	39111	10.747	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.782	63	67987	62.524	ug/l	97
59) 2-Hexanone	10.831	43	67041	50.067	ug/l	86
60) Dibromochloromethane	10.983	129	27610	10.970	ug/l	98
61) 1,2-Dibromoethane	11.087	107	22117	10.912	ug/l	100
64) Tetrachloroethene	10.715	164	29170	10.656	ug/l	96
65) Chlorobenzene	11.514	112	75183	10.414	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	28587	10.698	ug/l	98
67) Ethyl Benzene	11.587	91	131037	10.259	ug/l	99
68) m/p-Xylenes	11.697	106	102148	20.790	ug/l	95
69) o-Xylene	12.026	106	46707	10.011	ug/l	96
70) Styrene	12.038	104	79092	10.005	ug/l	95
71) Bromoform	12.203	173	17500	10.611	ug/l #	98
73) Isopropylbenzene	12.325	105	124038	9.628	ug/l	98
74) N-amyl acetate	12.142	43	30165	9.229	ug/l #	84
75) 1,1,2,2-Tetrachloroethane	12.581	83	27119	10.030	ug/l	98
76) 1,2,3-Trichloropropane	12.630	75	23286m	11.567	ug/l	
77) Bromobenzene	12.605	156	29740	9.876	ug/l	99
78) n-propylbenzene	12.666	91	152136	9.706	ug/l	99
79) 2-Chlorotoluene	12.751	91	88765	10.056	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	105190	9.786	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.373	75	9527	10.178	ug/l #	81
82) 4-Chlorotoluene	12.849	91	92385	10.052	ug/l	100
83) tert-Butylbenzene	13.068	119	88886	9.563	ug/l	94
84) 1,2,4-Trimethylbenzene	13.117	105	103920	9.804	ug/l	99
85) sec-Butylbenzene	13.251	105	134245	9.611	ug/l	99
86) p-Isopropyltoluene	13.367	119	110022	9.495	ug/l	98
87) 1,3-Dichlorobenzene	13.361	146	60177	10.013	ug/l	98
88) 1,4-Dichlorobenzene	13.440	146	61317	10.261	ug/l	97
89) n-Butylbenzene	13.690	91	102200	9.439	ug/l	100
90) Hexachloroethane	13.959	117	23012	10.063	ug/l	89
91) 1,2-Dichlorobenzene	13.733	146	54248	10.089	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.349	75	4548	10.174	ug/l	83
93) 1,2,4-Trichlorobenzene	15.001	180	30571	9.513	ug/l	98
94) Hexachlorobutadiene	15.105	225	18397	9.726	ug/l	98
95) Naphthalene	15.233	128	59085	9.028	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	26756	9.543	ug/l	98

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

Reviewed By :Krupa Patel 11/02/2022
Supervised By :Mahesh Dadoda 11/02/2022

Abundance

TIC: VY011211.D\data.ms

Time-->

850000

800000

750000

700000

650000

600000

550000

500000

450000

400000

350000

300000

250000

200000

150000

100000

50000

0

2.00 3.00 4.00 5.00 6.00 7.00 8.00 9.00 10.00 11.00 12.00 13.00 14.00 15.00 16.00

Dichlorodifluoromethane, T

Chloromethane, P

Vinyl Chloride, C

Bromomethane, T

Chloroethane, T

Trichlorofluoromethane, T

Diethyl Ether, T

Acrolein, T

1,1,1-Trichloroethane, T

1,1,2-Dichloroethane, T

Methyl Carbon Disulfide, T

Methyl Acetate, T

Methylene Chloride, T

Tert butyl alcohol, T

Acrylonitrile, T

Methyl 1,2-Dichloroethane, T

1,1,1-Dichloroethane, T

Isopropyl acetate, T

2,2,2-Trichloroethane, T

Ethyl Acetate, T

Methoxychlor, T

Chloroform, C

Dichloromethane, T

1,2-Dichloroethane, T

Isobutyl acetate, T

1,1,1-Trichloroethane, T

1,4-Dichlorobenzene, T

1,4-Difluorobenzene, I

Trichloroethene, TM

1,4-Dioxane, T

1,4-Dioxane, T

Bromodichloromethane, T

cis-1,3-Dichloropropene, T

4-Methyl-2-Pentanone, T

Toluene, CM

Ethyl 1,2-Dichloroethane, T

1,1,2-Trichloroethane, T

1,3-Dichloropropane, T

1,2-Dichloroethane, T

Chlorobenzene, PM

Ethyl 2,2,2-Trichloroethane, T

p-Xylenes, I

o-Xylene, T

Bromomethyl acetate, T

trans-1,4-Dichloro-2-butene, T

Isopropylbenzene, T

1,4-Dichlorobenzene, T

2-Chlorobenzene, T

tert-Butylbenzene, T

1,2,4-Trimethylbenzene, T

sec-Butylbenzene, T

1,4-Dichlorobenzene, T

1,2-Dichlorobenzene, T

Hexachloroethane, T

1,2-Dibromo-3-Chloropropane, T

1,2,4-Trichlorobenzene, T

Hexachlorobutadiene, T

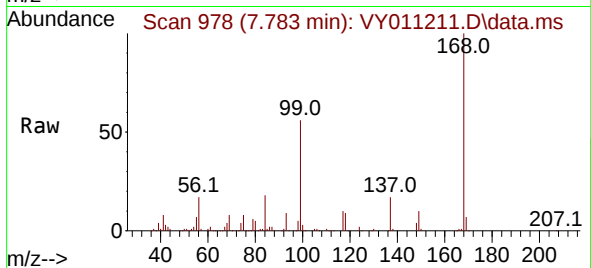
Naphthalene, I

1,2,3-Trichlorobenzene, T



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY011211.D
Acq: 01 Nov 2022 10:04

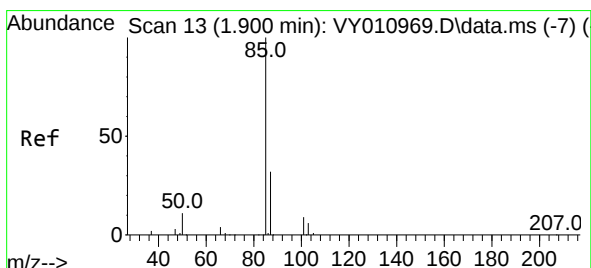
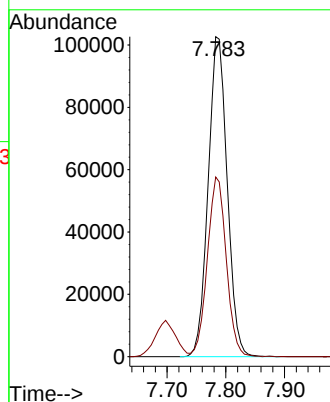
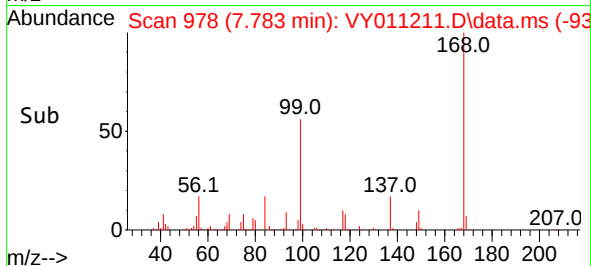
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010



Tgt Ion:168 Resp: 231024
Ion Ratio Lower Upper
168 100
99 56.1 46.9 70.3

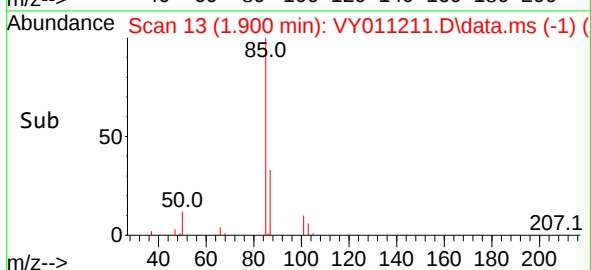
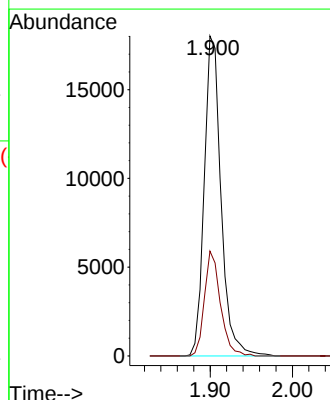
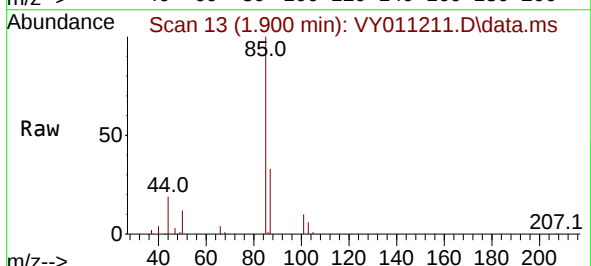
Manual Integrations
APPROVED

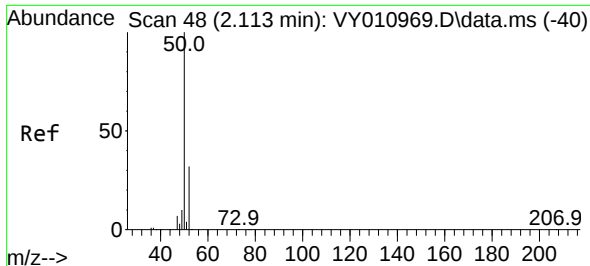
Reviewed By :Krupa Patel 11/02/2022
Supervised By :Mahesh Dadoda 11/02/2022



#2
Dichlorodifluoromethane
Concen: 16.671 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY011211.D
Acq: 01 Nov 2022 10:04

Tgt Ion: 85 Resp: 25547
Ion Ratio Lower Upper
85 100
87 32.7 16.1 48.2





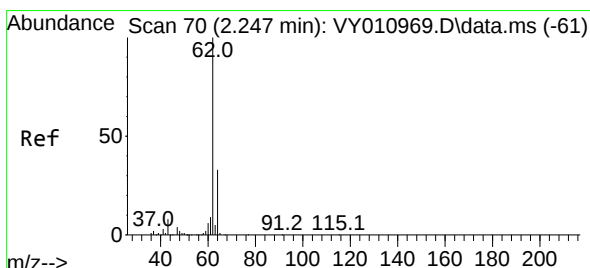
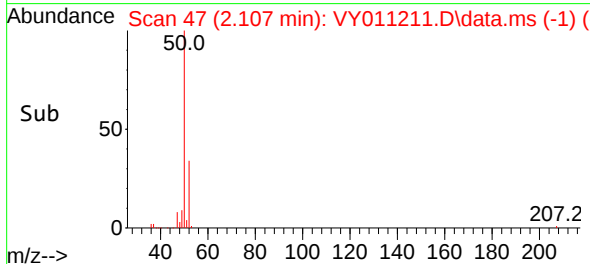
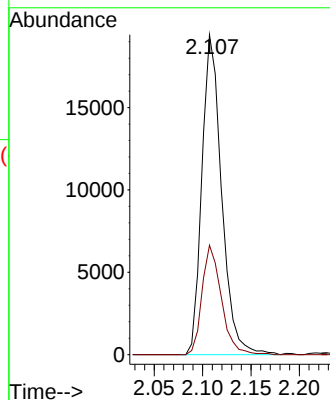
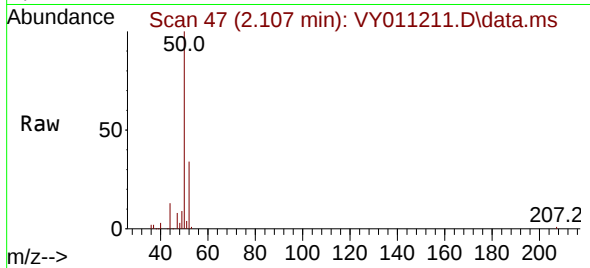
#3
Chloromethane
Concen: 12.559 ug/l
RT: 2.107 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY011211.D
Acq: 01 Nov 2022 10:04

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tgt Ion: 50 Resp: 2761
Ion Ratio Lower Upper
50 100
52 34.2 24.6 37.0

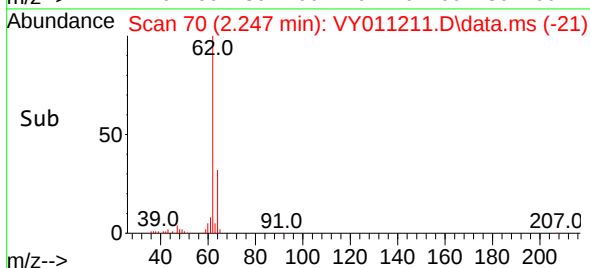
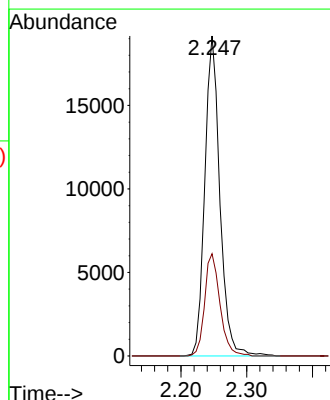
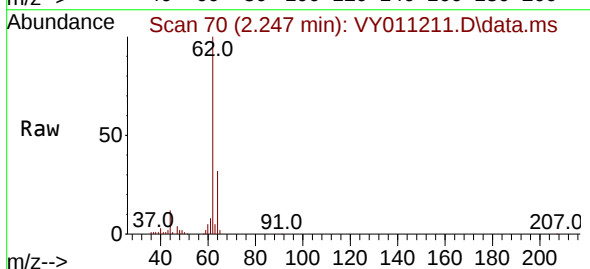
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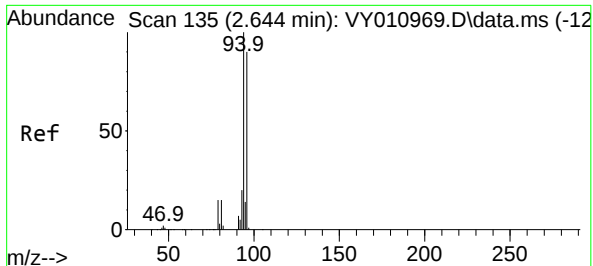
Reviewed By :Krupa Patel 11/02/2022
Supervised By :Mahesh Dadoda 11/02/2022



#4
Vinyl Chloride
Concen: 12.257 ug/l
RT: 2.247 min Scan# 70
Delta R.T. 0.000 min
Lab File: VY011211.D
Acq: 01 Nov 2022 10:04

Tgt Ion: 62 Resp: 30542
Ion Ratio Lower Upper
62 100
64 32.0 25.0 37.6





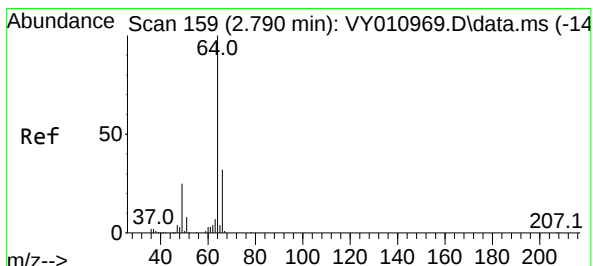
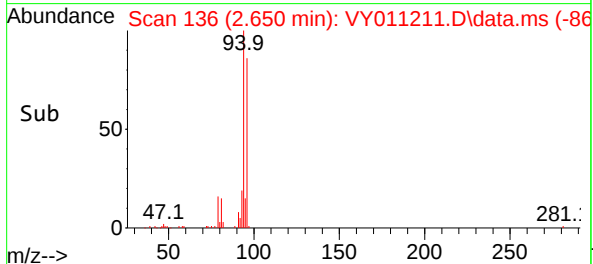
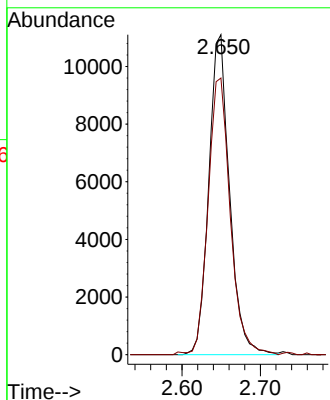
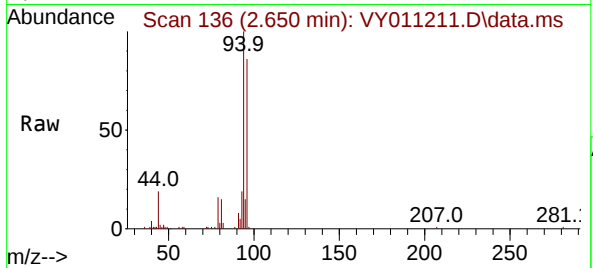
#5
Bromomethane
Concen: 11.861 ug/l
RT: 2.650 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY011211.D
Acq: 01 Nov 2022 10:04

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tgt Ion: 94 Resp: 2044
Ion Ratio Lower Upper
94 100
96 86.5 73.5 110.3

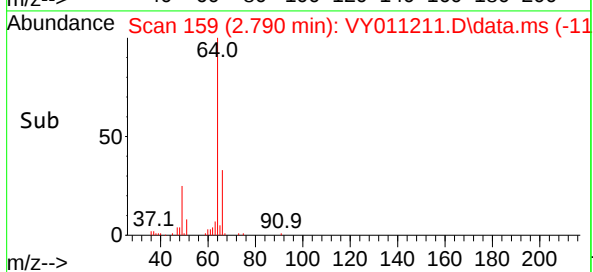
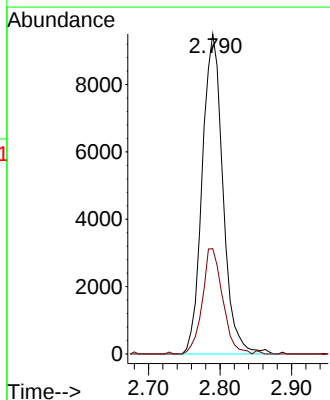
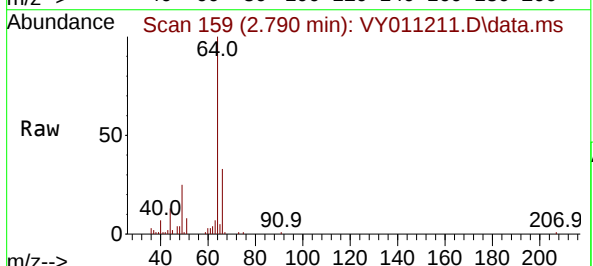
Manual Integrations
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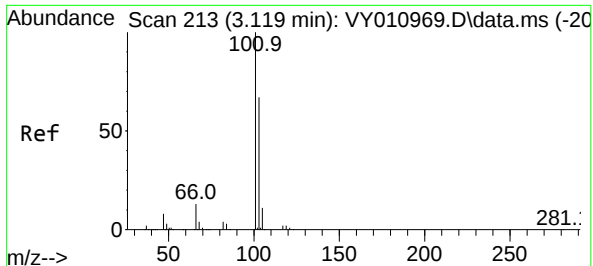
Reviewed By :Krupa Patel 11/02/2022
Supervised By :Mahesh Dadoda 11/02/2022



#6
Chloroethane
Concen: 11.467 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.000 min
Lab File: VY011211.D
Acq: 01 Nov 2022 10:04

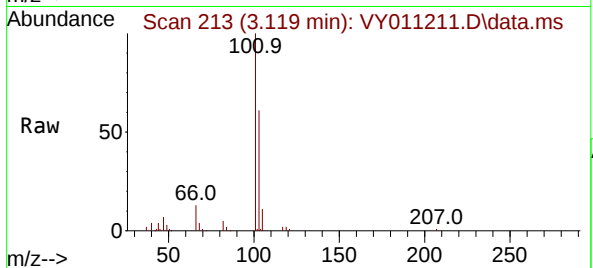
Tgt Ion: 64 Resp: 19094
Ion Ratio Lower Upper
64 100
66 32.9 25.4 38.0





#7
Trichlorofluoromethane
Concen: 11.980 ug/l
RT: 3.119 min Scan# 213
Delta R.T. 0.000 min
Lab File: VY011211.D
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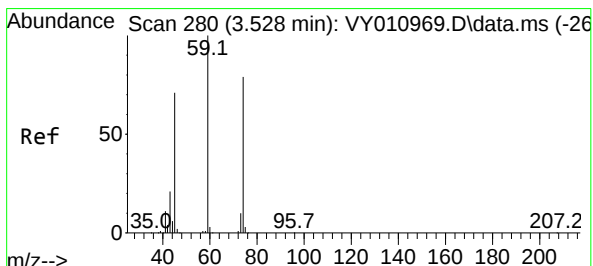
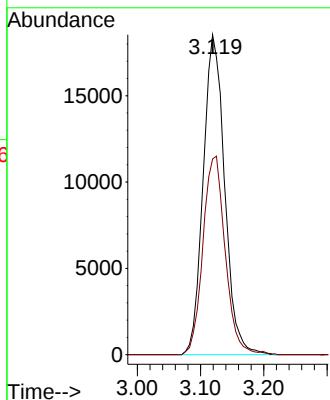
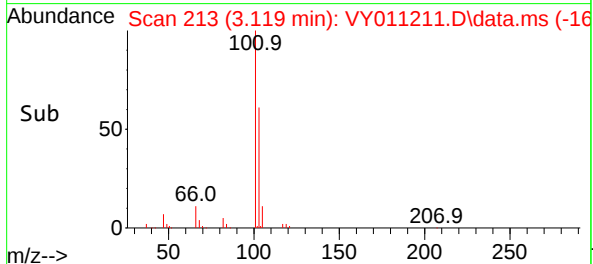
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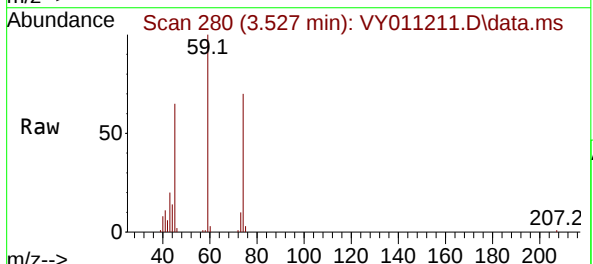
Tgt Ion:101 Resp: 43692
Ion Ratio Lower Upper
101 100
103 61.1 48.0 72.0

Manual Integrations
APPROVED

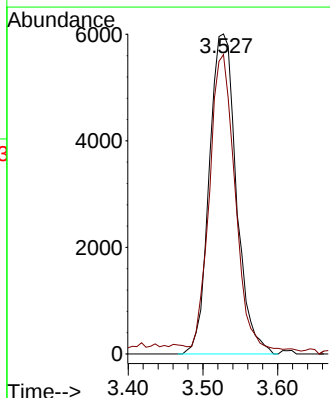
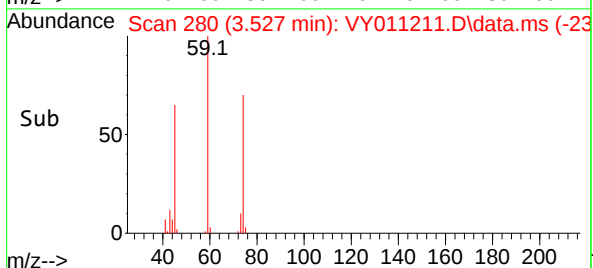
Reviewed By :Krupa Patel 11/02/2022
Supervised By :Mahesh Dadoda 11/02/2022

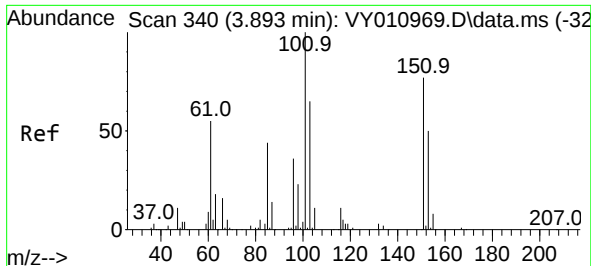


#8
Diethyl Ether
Concen: 11.124 ug/l
RT: 3.527 min Scan# 280
Delta R.T. -0.001 min
Lab File: VY011211.D
Acq: 01 Nov 2022 10:04



Tgt Ion: 74 Resp: 15140
Ion Ratio Lower Upper
74 100
45 88.2 55.1 165.5





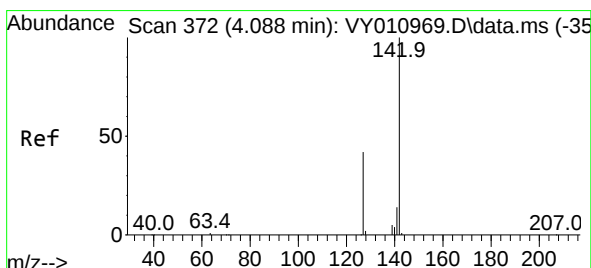
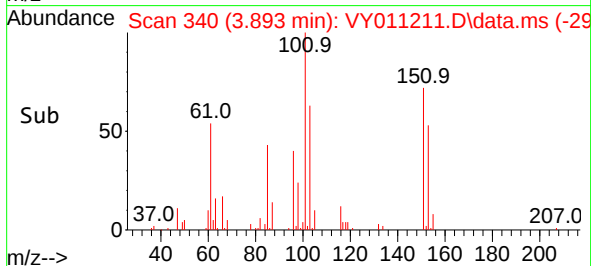
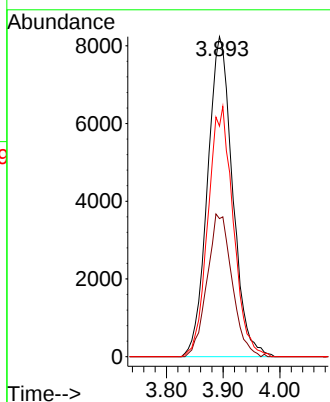
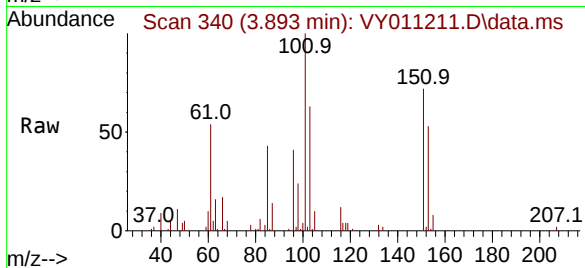
#9
1,1,2-Trichlorotrifluoroethane
Concen: 11.085 ug/l
RT: 3.893 min Scan# 340
Delta R.T. 0.000 min
Lab File: VY011211.D
Acq: 01 Nov 2022 10:04

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion:101 Resp: 25360
Ion Ratio Lower Upper
101 100
85 44.3 40.6 60.8
151 78.5 64.9 97.3

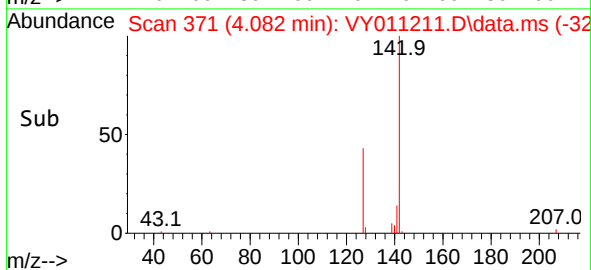
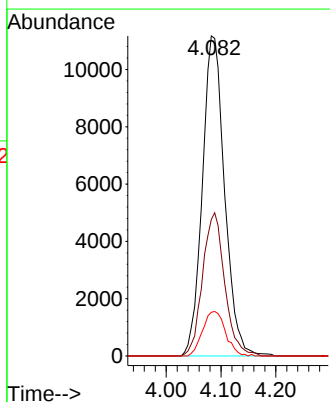
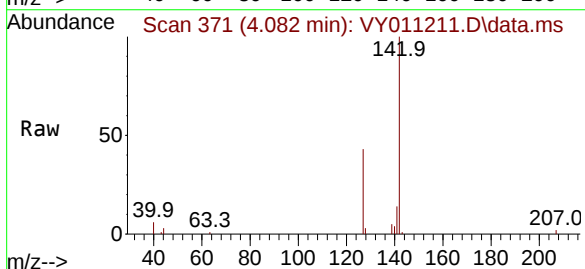
Manual Integrations
APPROVED

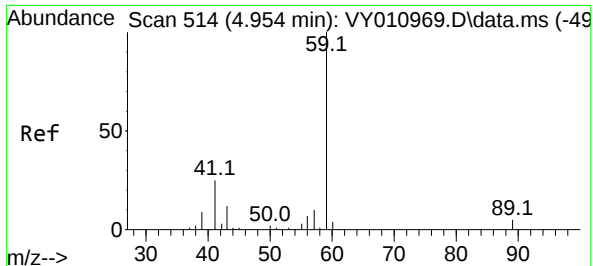
Reviewed By :Krupa Patel 11/02/2022
Supervised By :Mahesh Dadoda 11/02/2022



#10
Methyl Iodide
Concen: 11.241 ug/l
RT: 4.082 min Scan# 371
Delta R.T. -0.006 min
Lab File: VY011211.D
Acq: 01 Nov 2022 10:04

Tgt Ion:142 Resp: 31467
Ion Ratio Lower Upper
142 100
127 44.5 41.5 62.3
141 14.3 11.9 17.9





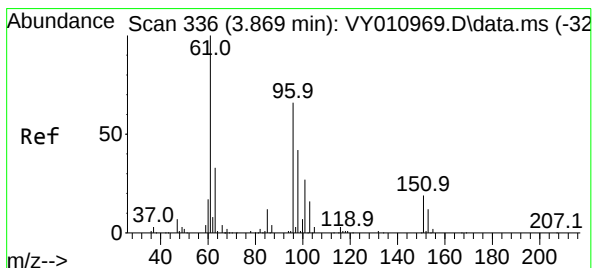
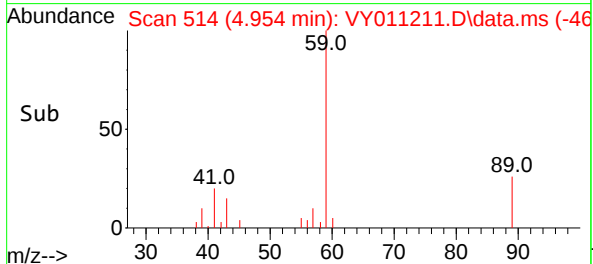
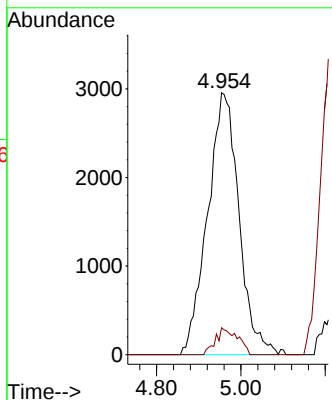
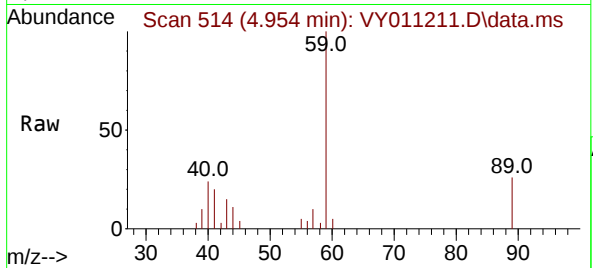
#11
Tert butyl alcohol
Concen: 46.014 ug/l
RT: 4.954 min Scan# 514
Delta R.T. 0.000 min
Lab File: VY011211.D
Acq: 01 Nov 2022 10:04

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tgt Ion: 59 Resp: 1526
Ion Ratio Lower Upper
59 100
57 7.2 6.4 9.6

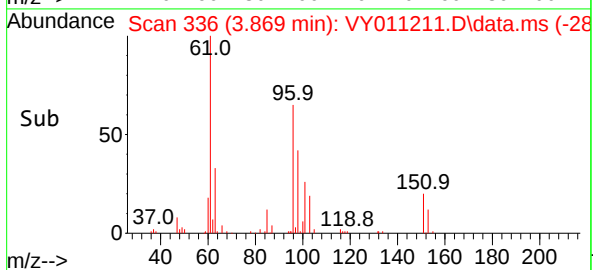
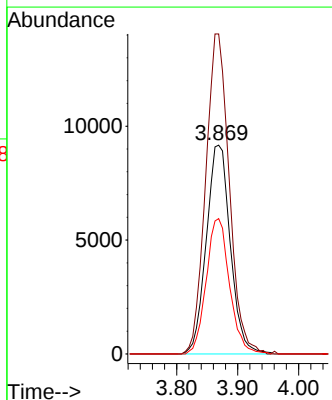
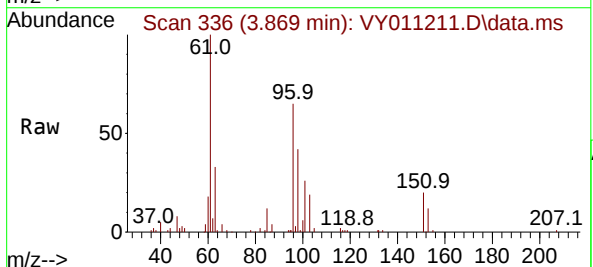
Manual Integrations
APPROVED

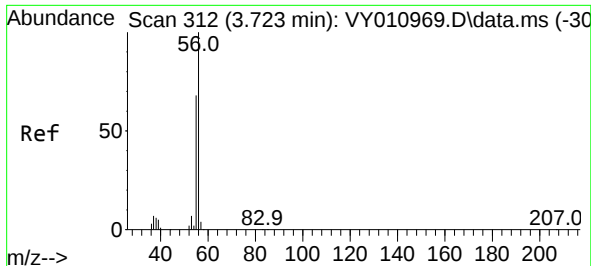
Reviewed By :Krupa Patel 11/02/2022
Supervised By :Mahesh Dadoda 11/02/2022



#12
1,1-Dichloroethene
Concen: 11.468 ug/l
RT: 3.869 min Scan# 336
Delta R.T. -0.000 min
Lab File: VY011211.D
Acq: 01 Nov 2022 10:04

Tgt Ion: 96 Resp: 25133
Ion Ratio Lower Upper
96 100
61 153.2 145.8 218.6
98 64.8 52.5 78.7





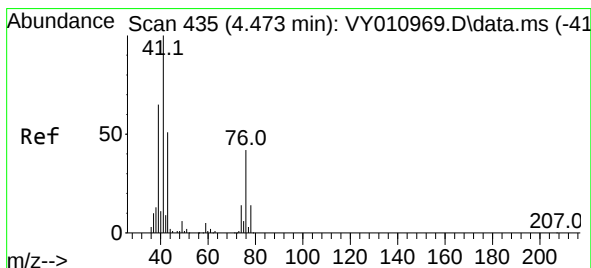
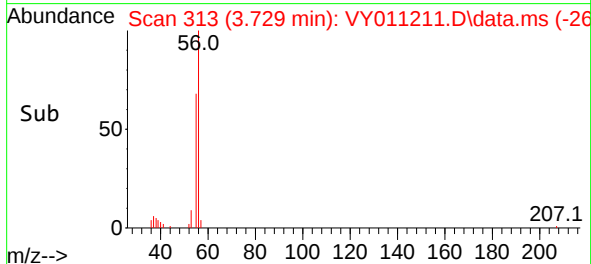
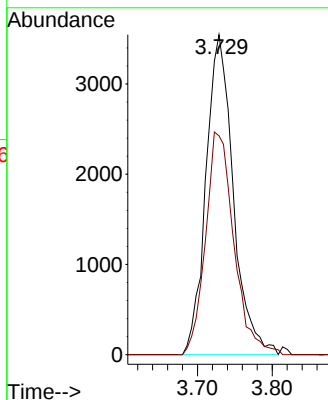
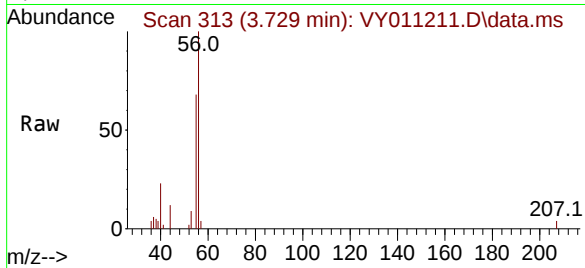
#13
Acrolein
Concen: 26.240 ug/l
RT: 3.729 min Scan# 312
Delta R.T. 0.006 min
Lab File: VY011211.D
Acq: 01 Nov 2022 10:04

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion: 56 Resp: 900
Ion Ratio Lower Upper
56 100
55 72.4 57.6 86.4

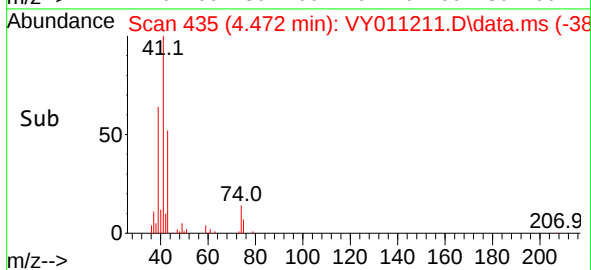
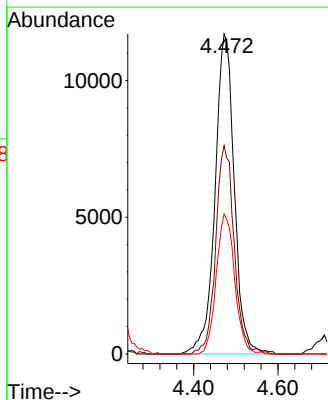
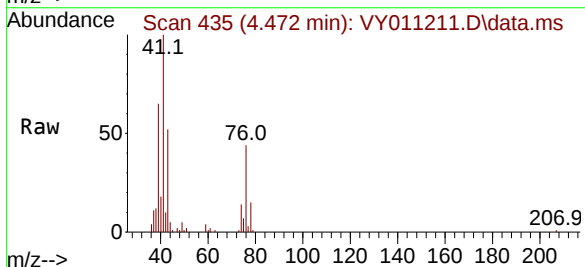
Manual Integrations
APPROVED

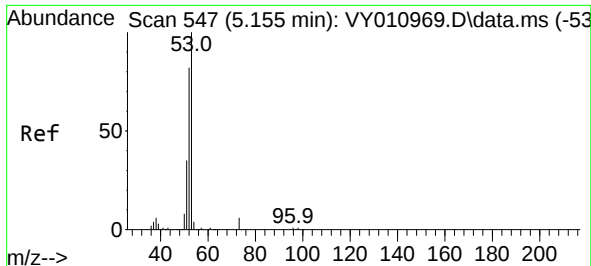
Reviewed By :Krupa Patel 11/02/2022
Supervised By :Mahesh Dadoda 11/02/2022



#14
Allyl chloride
Concen: 10.658 ug/l
RT: 4.472 min Scan# 435
Delta R.T. -0.001 min
Lab File: VY011211.D
Acq: 01 Nov 2022 10:04

Tgt Ion: 41 Resp: 37040
Ion Ratio Lower Upper
41 100
39 62.4 58.8 88.2
76 41.9 25.1 37.7#





#15

Acrylonitrile

Concen: 51.675 ug/l

RT: 5.161 min Scan# 54

Delta R.T. 0.006 min

Lab File: VY011211.D

Acq: 01 Nov 2022 10:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC010

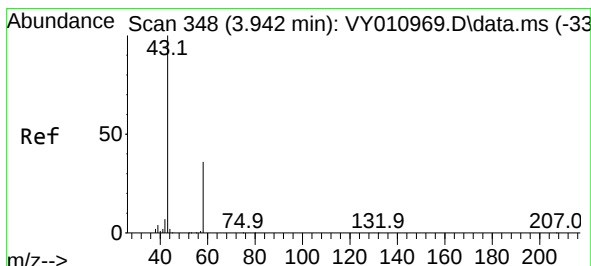
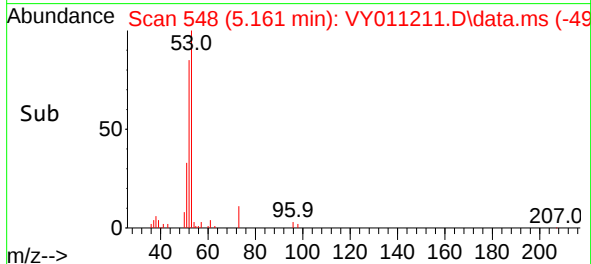
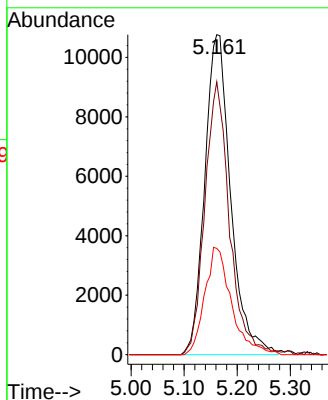
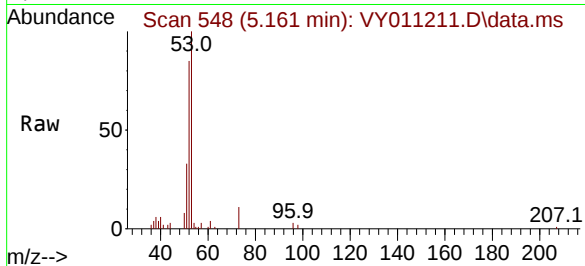
Tgt Ion: 53	Resp: 3666
Ion Ratio	Lower Upper
53 100	
52 80.7	67.0 100.4
51 34.4	29.8 44.6

Manual Integrations

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Reviewed By :Krupa Patel 11/02/2022

Supervised By :Mahesh Dadoda 11/02/2022



#16

Acetone

Concen: 52.178 ug/l

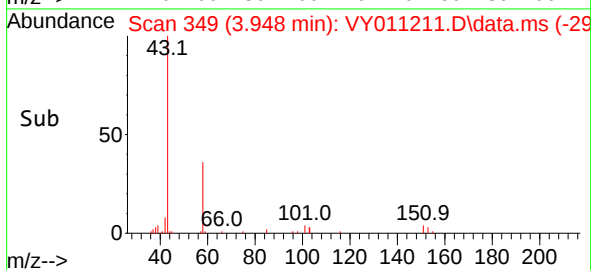
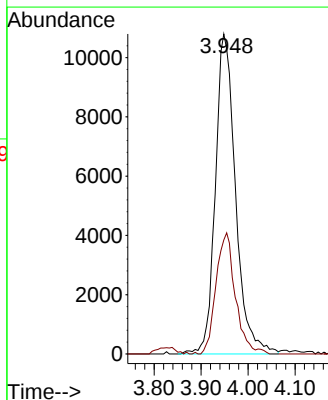
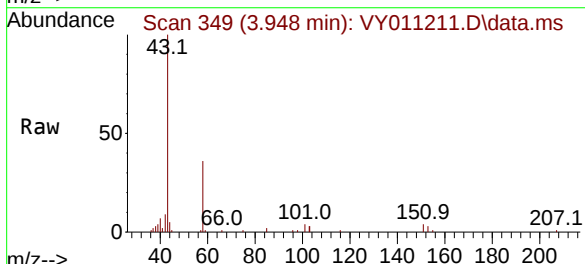
RT: 3.948 min Scan# 349

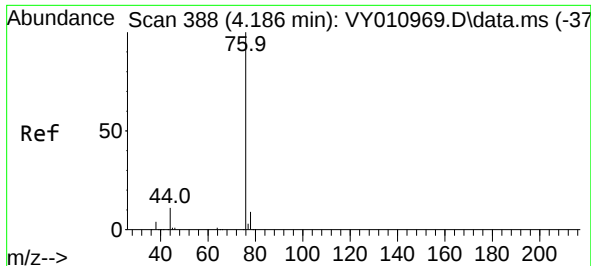
Delta R.T. 0.006 min

Lab File: VY011211.D

Acq: 01 Nov 2022 10:04

Tgt Ion: 43	Resp: 32245
Ion Ratio	Lower Upper
43 100	
58 35.6	22.0 33.0#





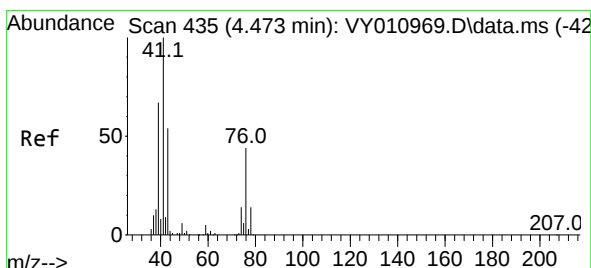
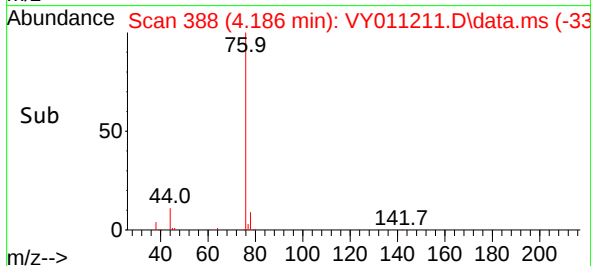
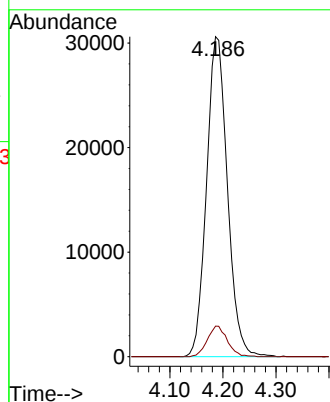
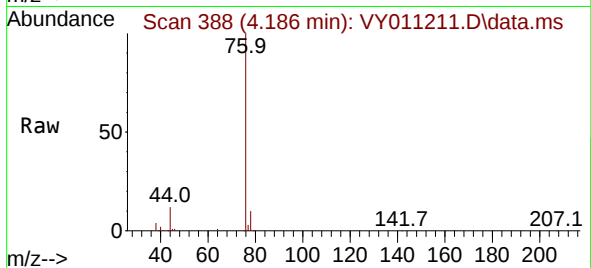
#17
Carbon Disulfide
Concen: 13.013 ug/l
RT: 4.186 min Scan# 388
Delta R.T. -0.000 min
Lab File: VY011211.D
Acq: 01 Nov 2022 10:04

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion: 76 Resp: 83604
Ion Ratio Lower Upper
76 100
78 9.5 7.4 11.0

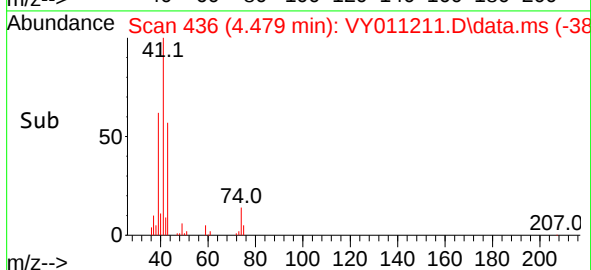
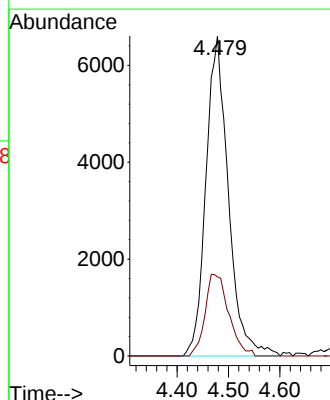
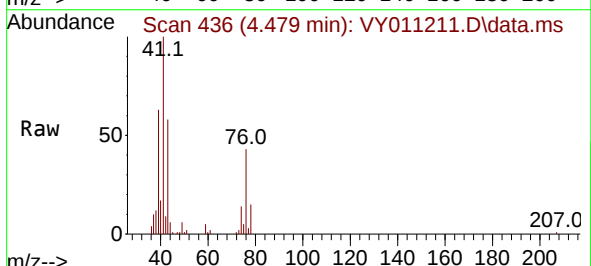
Manual Integrations
APPROVED

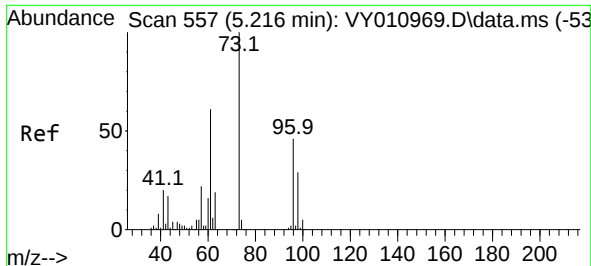
Reviewed By :Krupa Patel 11/02/2022
Supervised By :Mahesh Dadoda 11/02/2022



#18
Methyl Acetate
Concen: 9.200 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.006 min
Lab File: VY011211.D
Acq: 01 Nov 2022 10:04

Tgt Ion: 43 Resp: 19992
Ion Ratio Lower Upper
43 100
74 26.9 16.6 24.8#





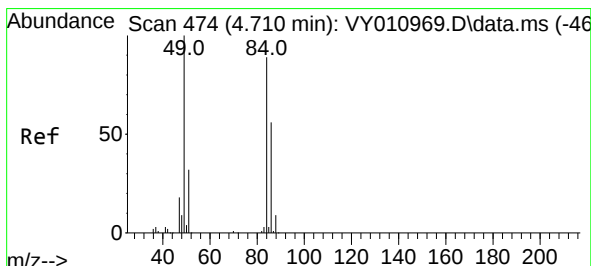
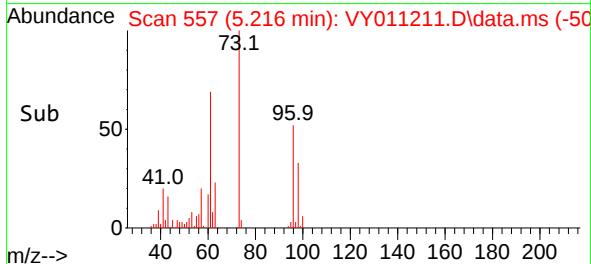
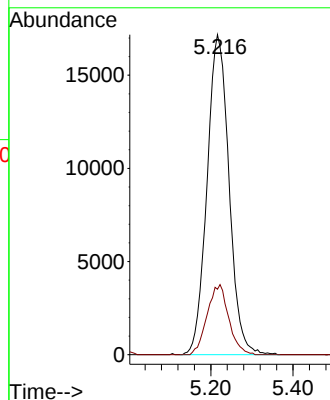
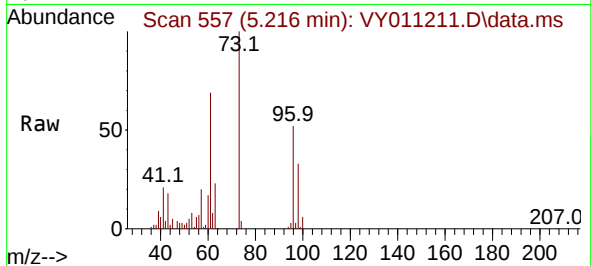
#19
Methyl tert-butyl Ether
Concen: 10.414 ug/l
RT: 5.216 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY011211.D
Acq: 01 Nov 2022 10:04

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion: 73 Resp: 6376
Ion Ratio Lower Upper
73 100
57 20.5 18.6 27.8

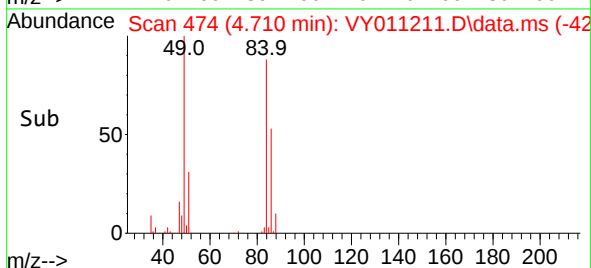
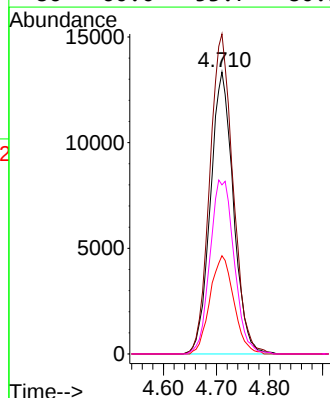
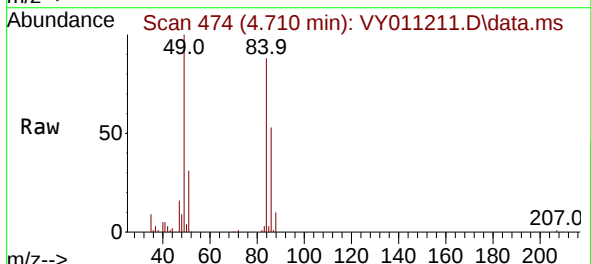
Manual Integrations
APPROVED

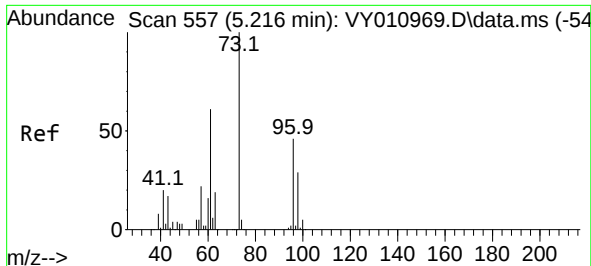
Reviewed By :Krupa Patel 11/02/2022
Supervised By :Mahesh Dadoda 11/02/2022



#20
Methylene Chloride
Concen: 9.845 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY011211.D
Acq: 01 Nov 2022 10:04

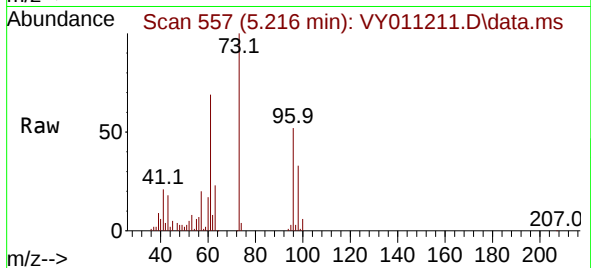
Tgt Ion: 84 Resp: 40179
Ion Ratio Lower Upper
84 100
49 113.5 114.4 171.6#
51 34.9 35.3 52.9#
86 60.0 53.7 80.5





#21
trans-1,2-Dichloroethene
Concen: 11.412 ug/l
RT: 5.216 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY011211.D
Acq: 01 Nov 2022 10:04

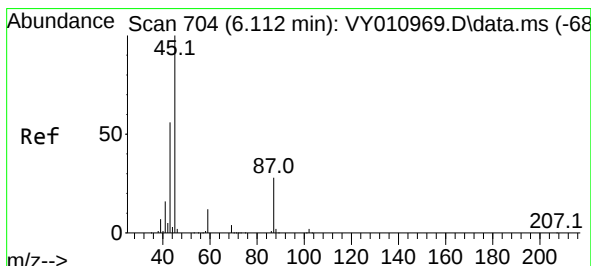
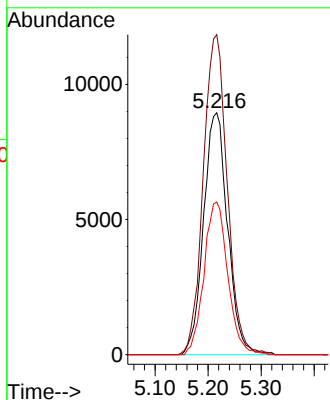
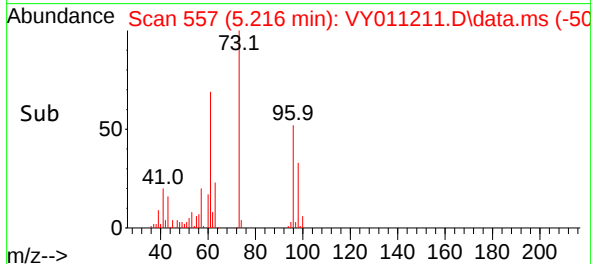
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



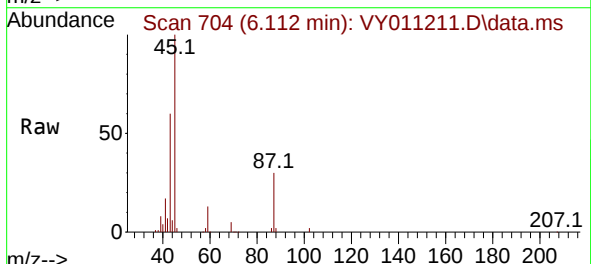
Tgt Ion: 96 Resp: 28234
Ion Ratio Lower Upper
96 100
61 132.3 120.5 180.7
98 63.1 49.8 74.8

Manual Integrations
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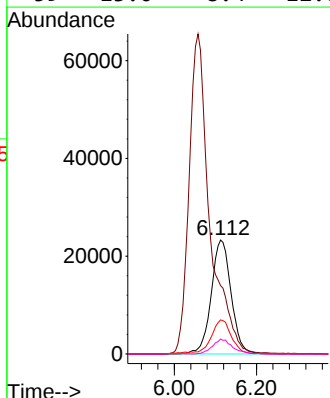
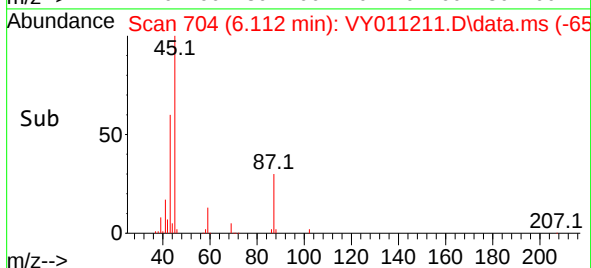
Reviewed By :Krupa Patel 11/02/2022
Supervised By :Mahesh Dadoda 11/02/2022

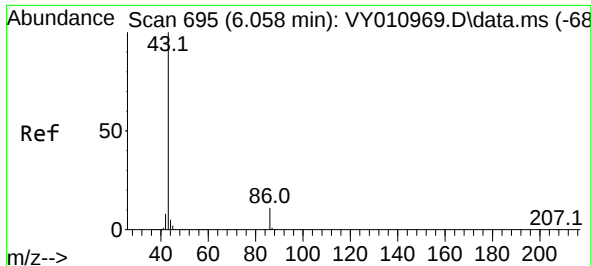


#22
Diisopropyl ether
Concen: 10.509 ug/l
RT: 6.112 min Scan# 704
Delta R.T. 0.000 min
Lab File: VY011211.D
Acq: 01 Nov 2022 10:04



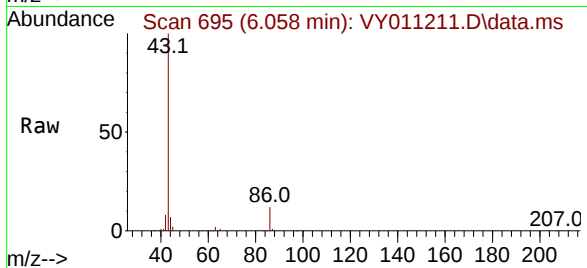
Tgt Ion: 45 Resp: 78218
Ion Ratio Lower Upper
45 100
43 59.3 49.3 73.9
87 29.9 19.2 28.8#
59 13.0 8.4 12.6#





#23
 Vinyl Acetate
 Concen: 51.393 ug/l
 RT: 6.058 min Scan# 695
 Delta R.T. -0.000 min
 Lab File: VY011211.D
 Acq: 01 Nov 2022 10:04

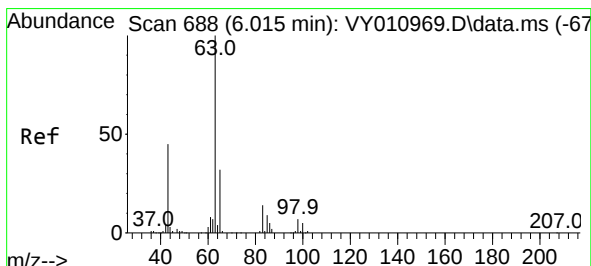
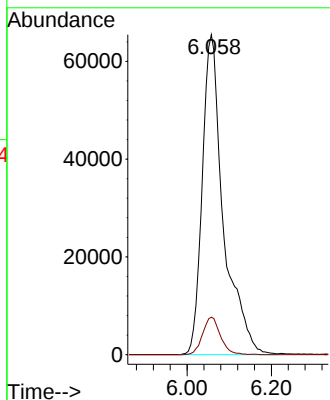
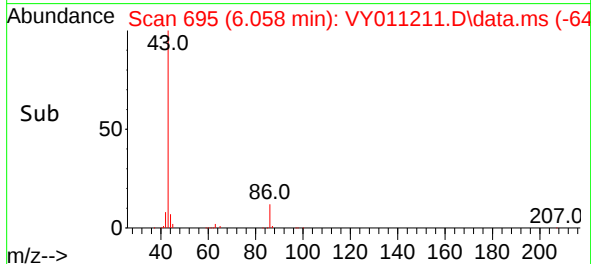
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010



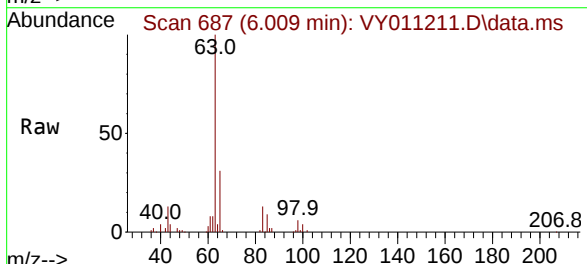
Tgt Ion: 43 Resp: 22874
 Ion Ratio Lower Upper
 43 100
 86 11.7 7.1 10.7

Manual Integrations
 APPROVED

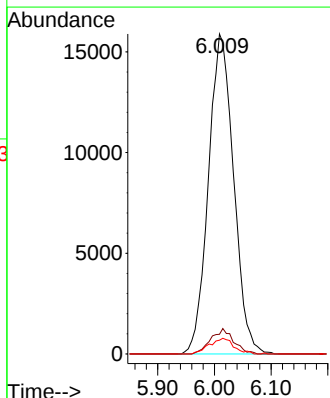
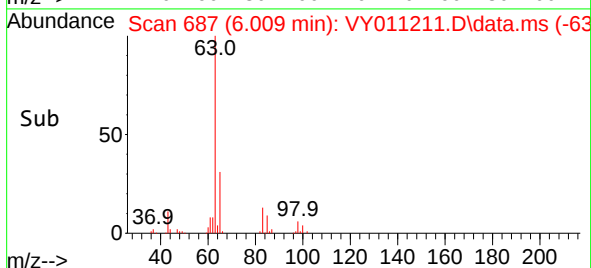
Reviewed By :Krupa Patel 11/02/2022
 Supervised By :Mahesh Dadoda 11/02/2022

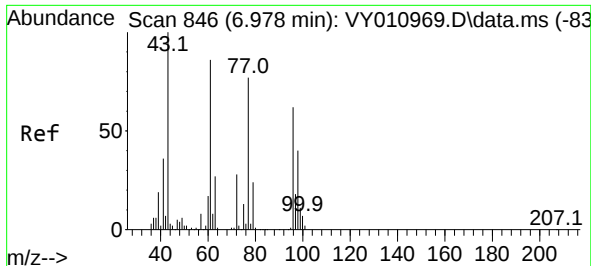


#24
 1,1-Dichloroethane
 Concen: 10.913 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. -0.006 min
 Lab File: VY011211.D
 Acq: 01 Nov 2022 10:04



Tgt Ion: 63 Resp: 49041
 Ion Ratio Lower Upper
 63 100
 98 6.2 3.6 10.8
 100 4.3 2.0 5.8





#25

2-Butanone

Concen: 52.539 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.006 min

Lab File: VY011211.D

Acq: 01 Nov 2022 10:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC010

Tgt Ion: 43 Resp: 49239

Ion Ratio Lower Upper

43 100

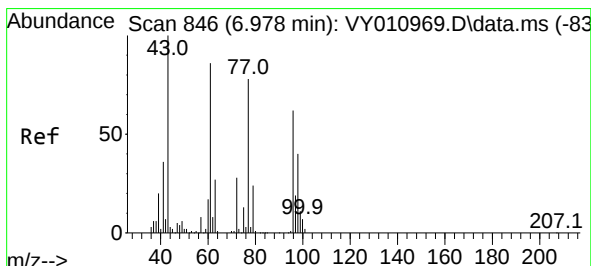
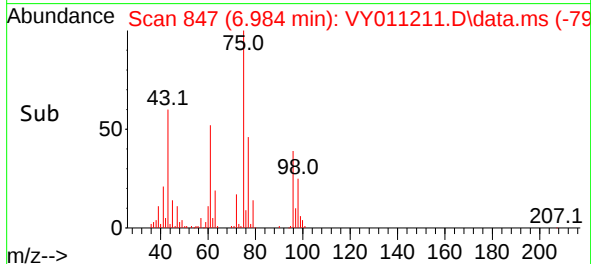
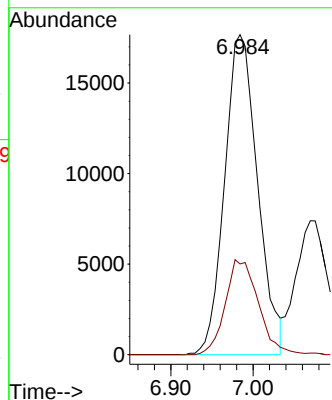
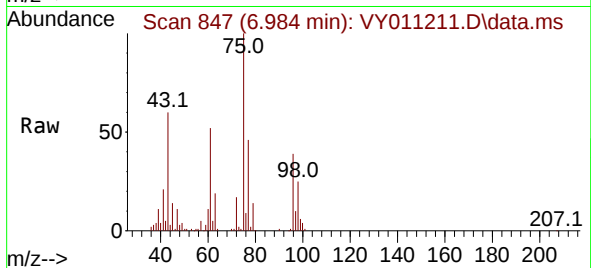
72 28.3 17.7 26.5

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 11/02/2022

Supervised By :Mahesh Dadoda 11/02/2022



#26

2,2-Dichloropropane

Concen: 11.463 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY011211.D

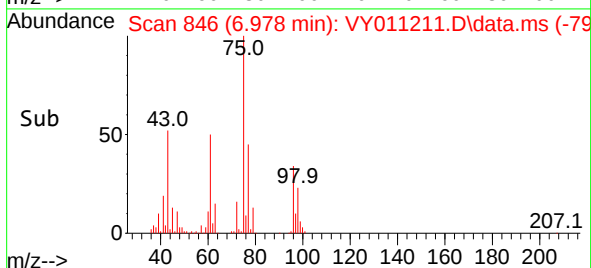
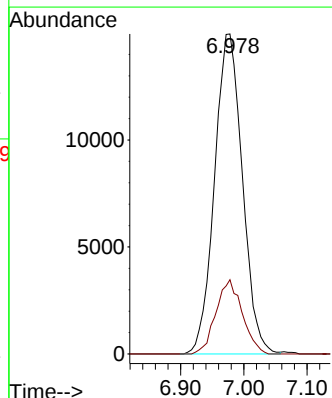
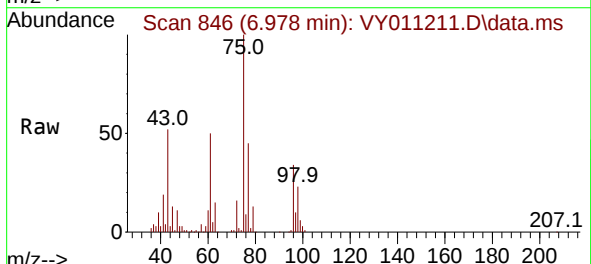
Acq: 01 Nov 2022 10:04

Tgt Ion: 77 Resp: 45746

Ion Ratio Lower Upper

77 100

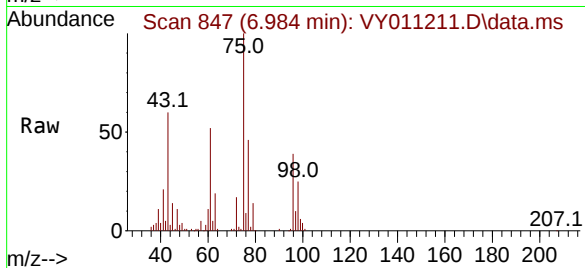
97 21.9 10.4 31.4





#27
cis-1,2-Dichloroethene
Concen: 10.856 ug/l
RT: 6.984 min Scan# 846
Delta R.T. 0.006 min
Lab File: VY011211.D
Acq: 01 Nov 2022 10:04

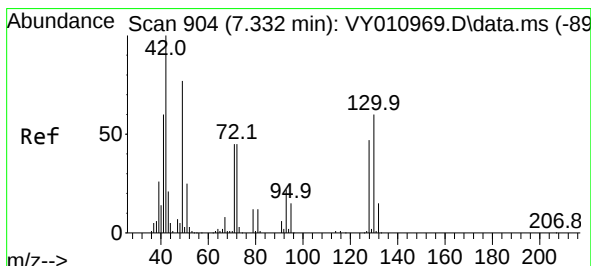
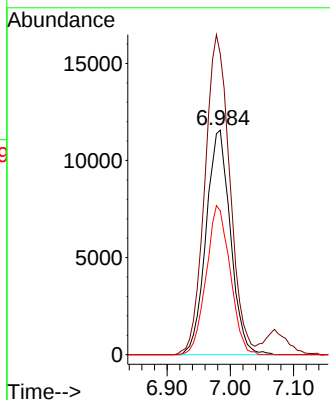
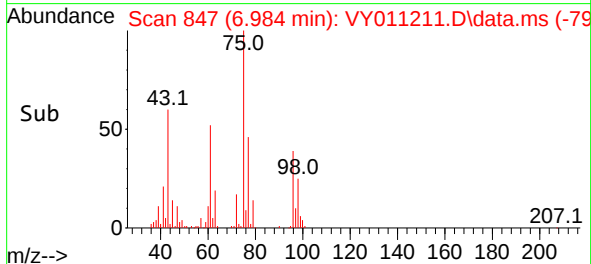
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010



Tgt Ion: 96 Resp: 30954
Ion Ratio Lower Upper
96 100
61 145.8 0.0 319.8
98 65.1 0.0 127.0

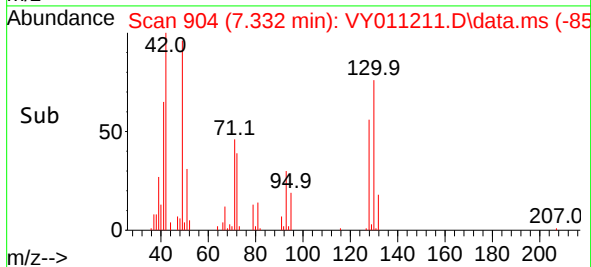
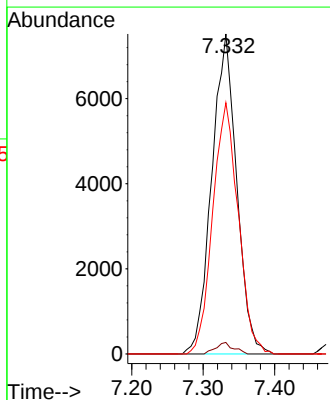
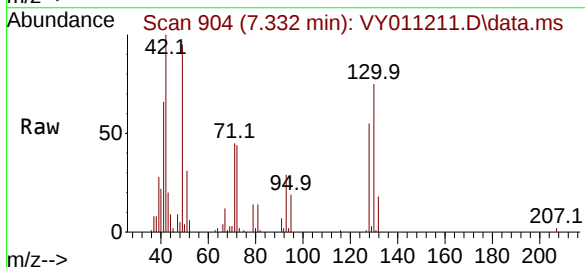
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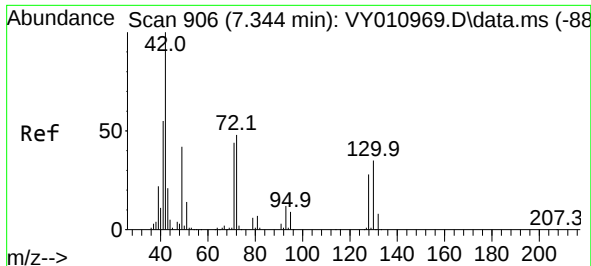
Reviewed By :Krupa Patel 11/02/2022
Supervised By :Mahesh Dadoda 11/02/2022



#28
Bromochloromethane
Concen: 14.180 ug/l
RT: 7.332 min Scan# 904
Delta R.T. -0.000 min
Lab File: VY011211.D
Acq: 01 Nov 2022 10:04

Tgt Ion: 49 Resp: 18260
Ion Ratio Lower Upper
49 100
129 2.5 0.0 2.2#
130 80.0 55.4 83.0





#29

Tetrahydrofuran

Concen: 49.580 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.000 min

Lab File: VY011211.D

Acq: 01 Nov 2022 10:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

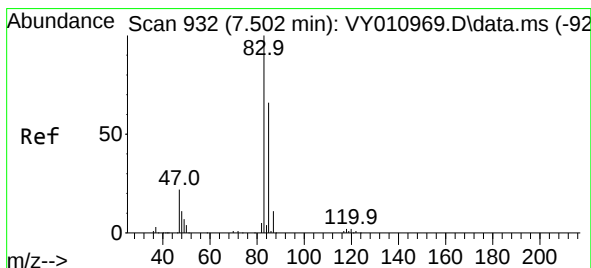
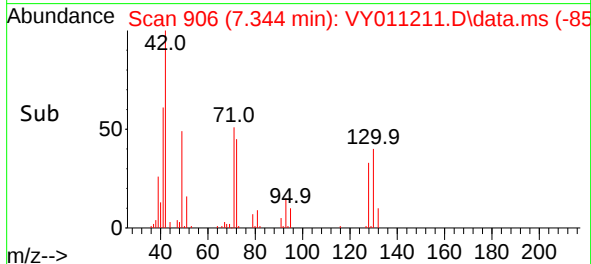
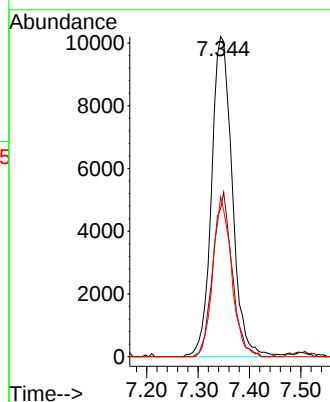
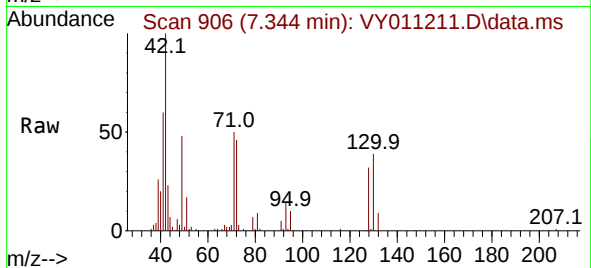
Tgt Ion:	42	Resp:	2858
Ion Ratio	Lower	Upper	
42	100		
72	47.5	30.3	45.5
71	45.1	29.0	43.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 11/02/2022

Supervised By :Mahesh Dadoda 11/02/2022



#30

Chloroform

Concen: 11.036 ug/l

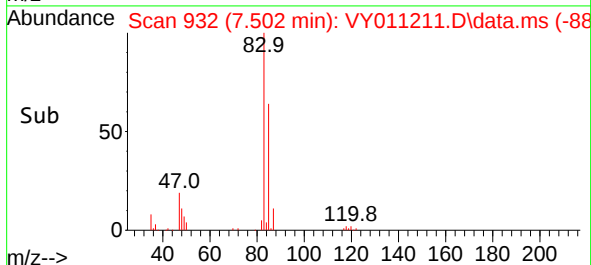
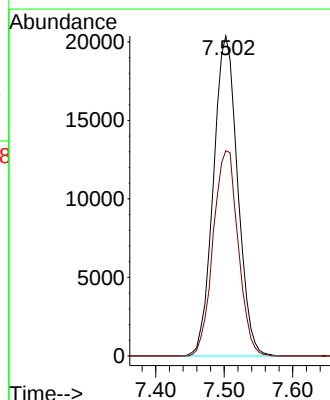
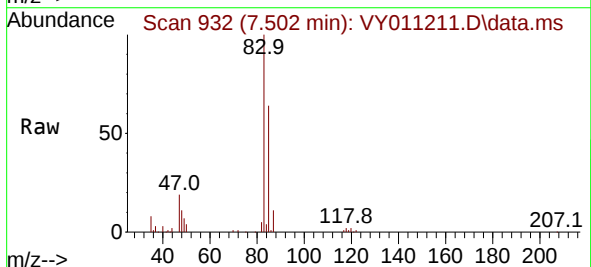
RT: 7.502 min Scan# 932

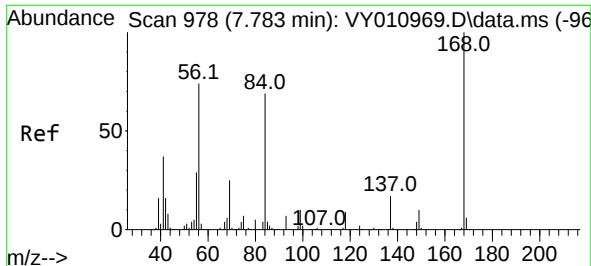
Delta R.T. 0.000 min

Lab File: VY011211.D

Acq: 01 Nov 2022 10:04

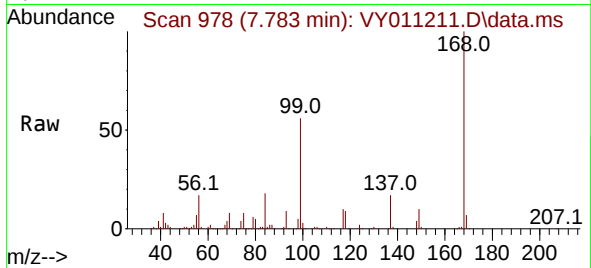
Tgt Ion:	83	Resp:	49994
Ion Ratio	Lower	Upper	
83	100		
85	64.2	51.8	77.6





#31
Cyclohexane
Concen: 11.170 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011211.D
Acq: 01 Nov 2022 10:04

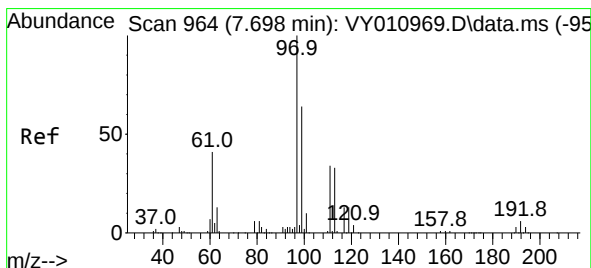
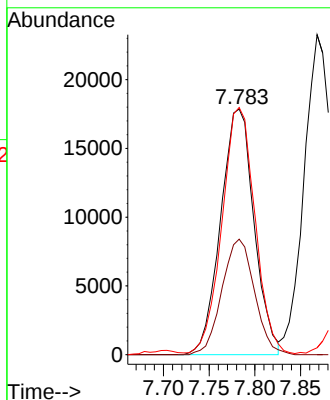
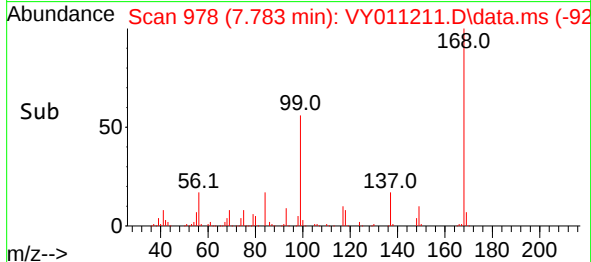
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



Tgt Ion: 56 Resp: 45489
Ion Ratio Lower Upper
56 100
69 47.0 26.7 40.1
84 99.8 67.2 100.8

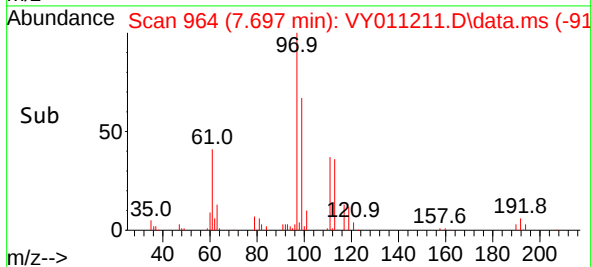
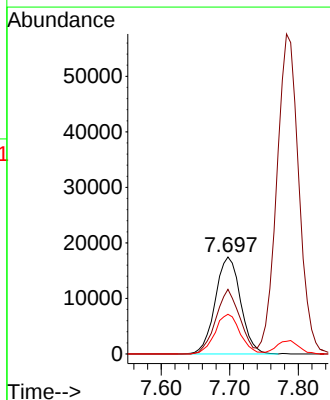
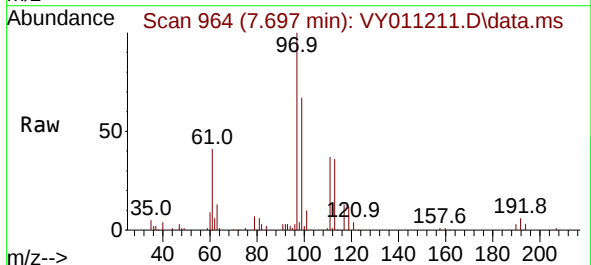
Manual Integrations
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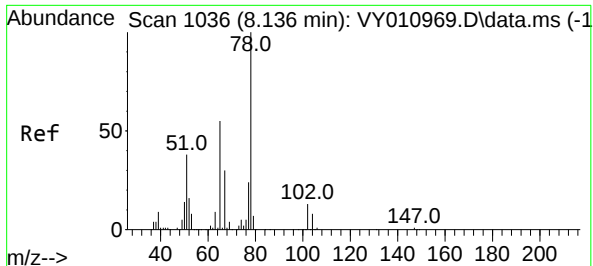
Reviewed By :Krupa Patel 11/02/2022
Supervised By :Mahesh Dadoda 11/02/2022



#32
1,1,1-Trichloroethane
Concen: 11.232 ug/l
RT: 7.697 min Scan# 964
Delta R.T. -0.001 min
Lab File: VY011211.D
Acq: 01 Nov 2022 10:04

Tgt Ion: 97 Resp: 44727
Ion Ratio Lower Upper
97 100
99 63.5 50.7 76.1
61 40.7 37.6 56.4





#33

1,2-Dichloroethane-d4

Concen: 12.371 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY011211.D

Acq: 01 Nov 2022 10:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC010

Tgt Ion: 65 Resp: 2632

Ion Ratio Lower Upper

65 100

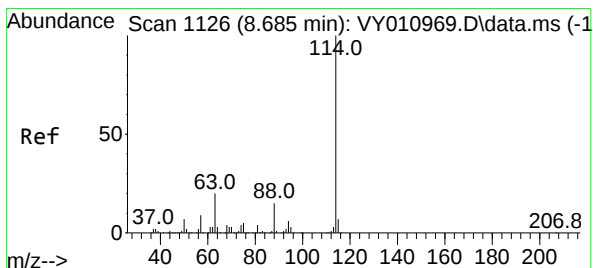
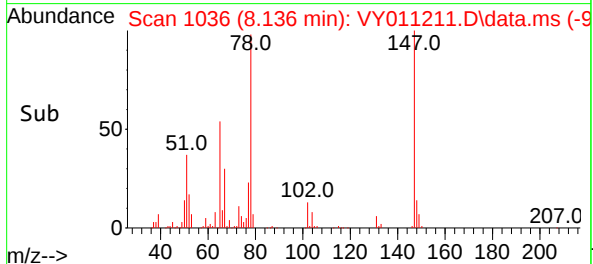
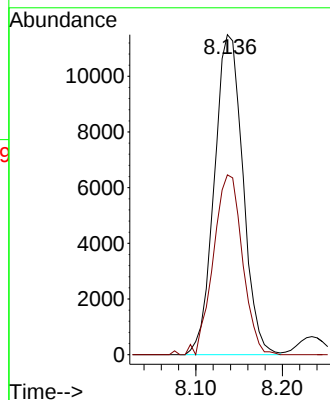
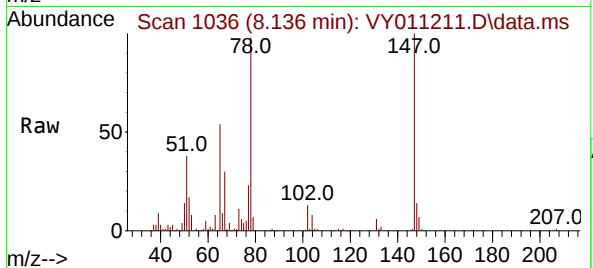
67 57.4 0.0 99.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 11/02/2022

Supervised By :Mahesh Dadoda 11/02/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY011211.D

Acq: 01 Nov 2022 10:04

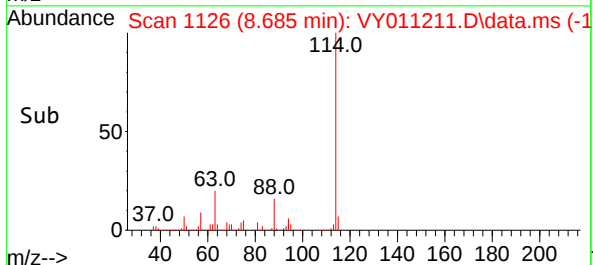
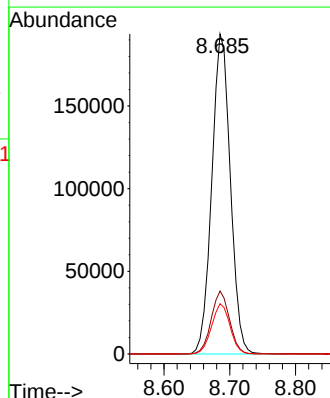
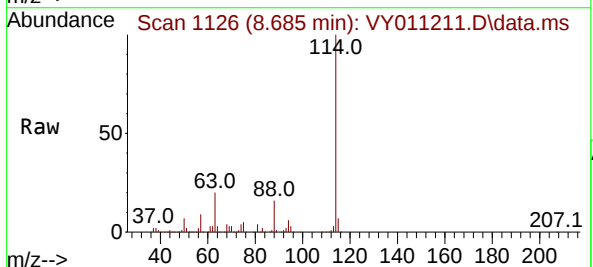
Tgt Ion:114 Resp: 379580

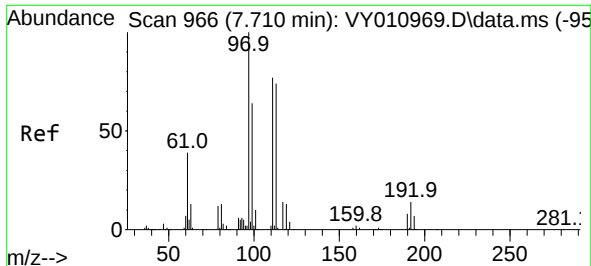
Ion Ratio Lower Upper

114 100

63 19.6 0.0 43.2

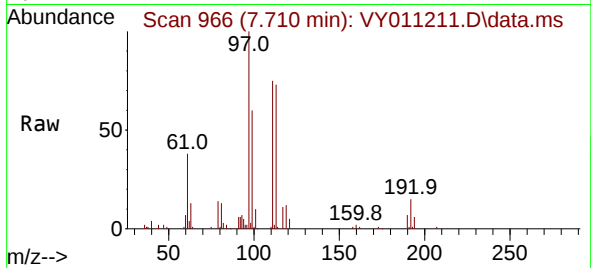
88 15.7 0.0 31.8





#35
Dibromofluoromethane
Concen: 9.822 ug/l
RT: 7.710 min Scan# 901
Delta R.T. -0.000 min
Lab File: VY011211.D
Acq: 01 Nov 2022 10:04

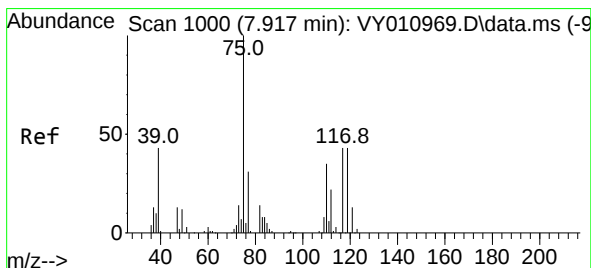
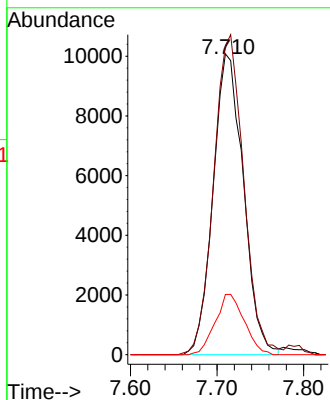
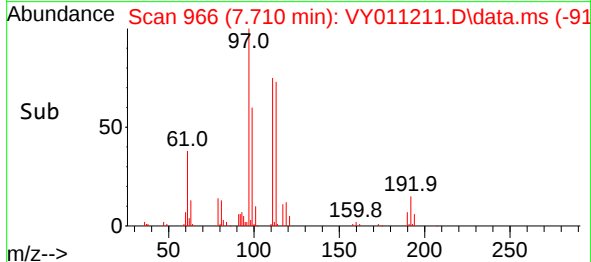
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010



Tgt Ion: 113 Resp: 2444
Ion Ratio Lower Upper
113 100
111 105.5 82.6 124.0
192 19.3 17.6 26.4

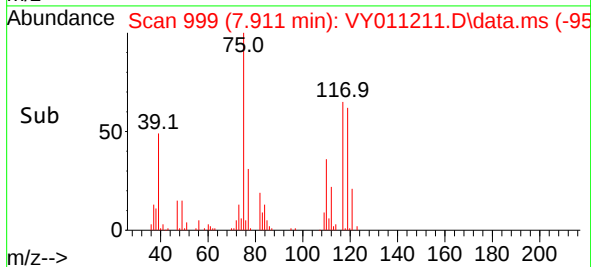
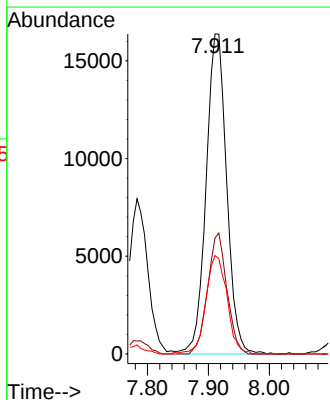
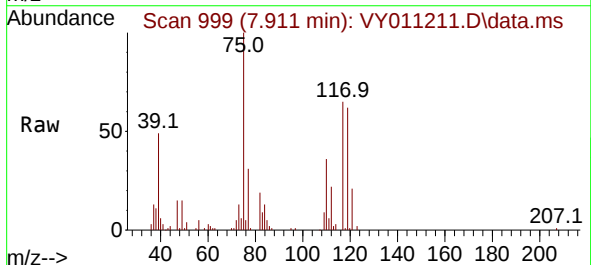
Manual Integrations
APPROVED

Reviewed By :Krupa Patel 11/02/2022
Supervised By :Mahesh Dadoda 11/02/2022



#36
1,1-Dichloropropene
Concen: 10.870 ug/l
RT: 7.911 min Scan# 999
Delta R.T. -0.006 min
Lab File: VY011211.D
Acq: 01 Nov 2022 10:04

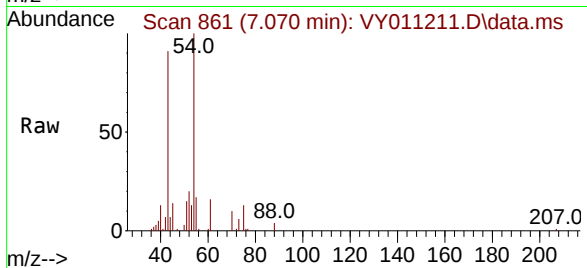
Tgt Ion: 75 Resp: 38411
Ion Ratio Lower Upper
75 100
110 35.4 17.1 51.2
77 31.8 24.4 36.6





#37
Ethyl Acetate
Concen: 10.939 ug/l
RT: 7.070 min Scan# 861
Delta R.T. -0.000 min
Lab File: VY011211.D
Acq: 01 Nov 2022 10:04

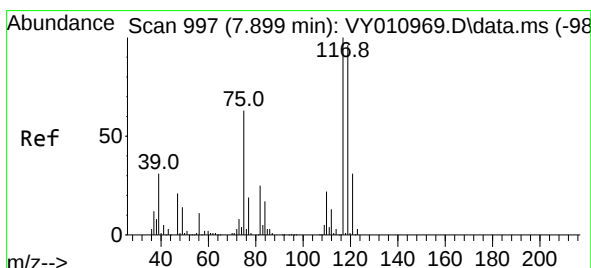
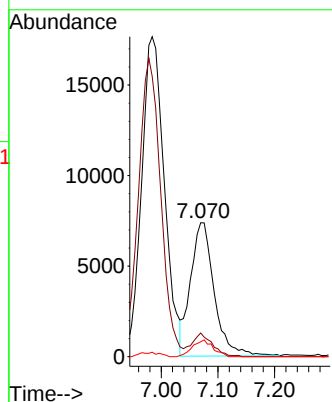
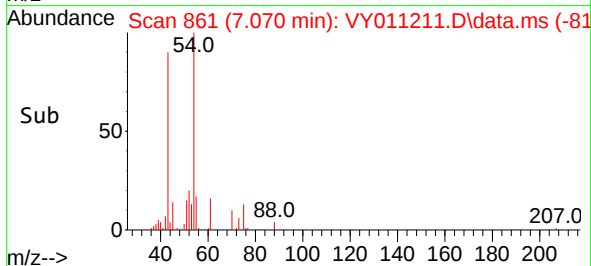
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010



Tgt Ion: 43 Resp: 2140
Ion Ratio Lower Upper
43 100
61 15.2 9.7 14.5
70 10.9 7.1 10.7

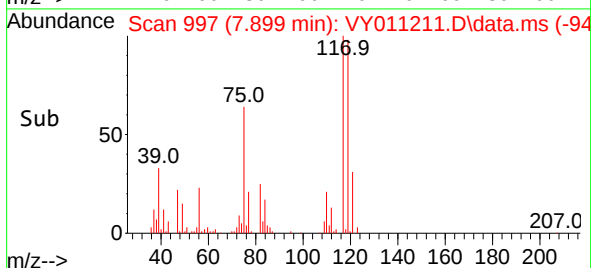
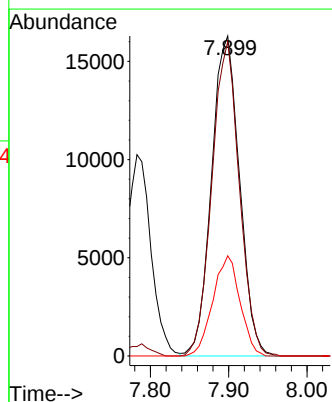
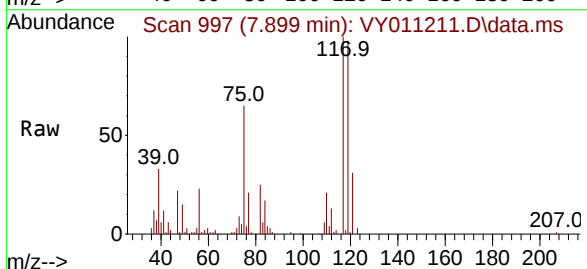
Manual Integrations
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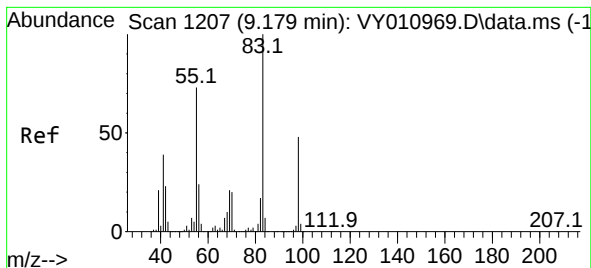
Reviewed By :Krupa Patel 11/02/2022
Supervised By :Mahesh Dadoda 11/02/2022



#38
Carbon Tetrachloride
Concen: 11.106 ug/l
RT: 7.899 min Scan# 997
Delta R.T. -0.000 min
Lab File: VY011211.D
Acq: 01 Nov 2022 10:04

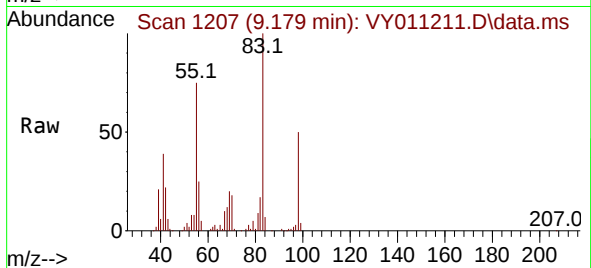
Tgt Ion:117 Resp: 40509
Ion Ratio Lower Upper
117 100
119 98.2 77.9 116.9
121 31.3 24.8 37.2





#39
Methylcyclohexane
Concen: 10.697 ug/l
RT: 9.179 min Scan# 1207
Delta R.T. -0.000 min
Lab File: VY011211.D
Acq: 01 Nov 2022 10:04

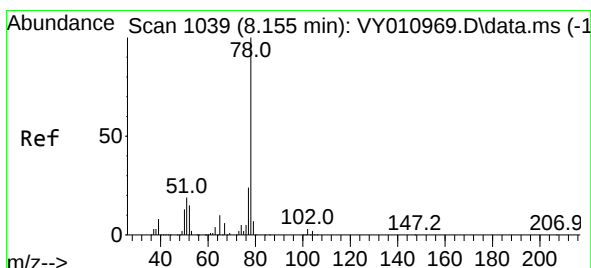
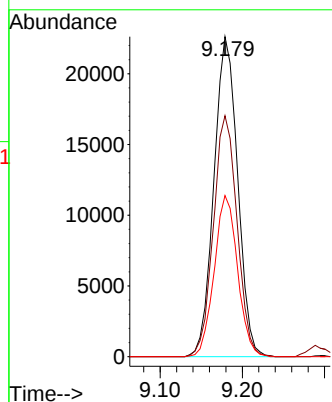
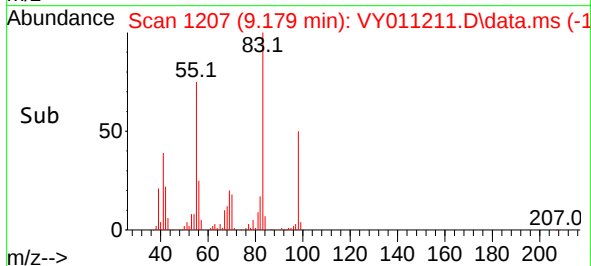
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



Tgt Ion: 83 Resp: 45272
Ion Ratio Lower Upper
83 100
55 75.3 66.5 99.7
98 50.3 37.9 56.9

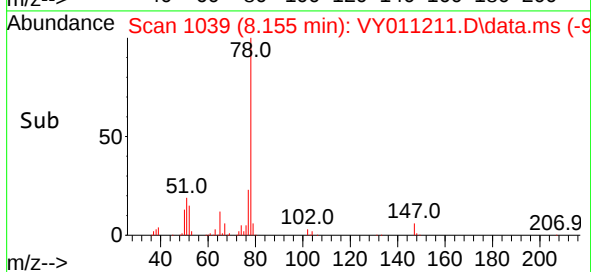
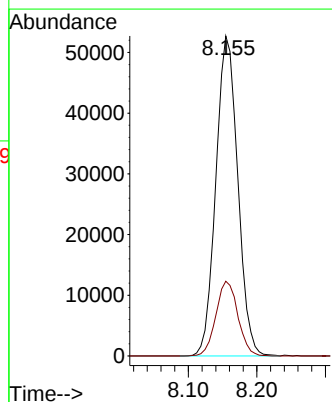
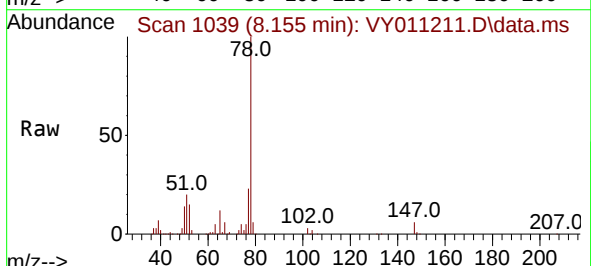
Manual Integrations
APPROVED

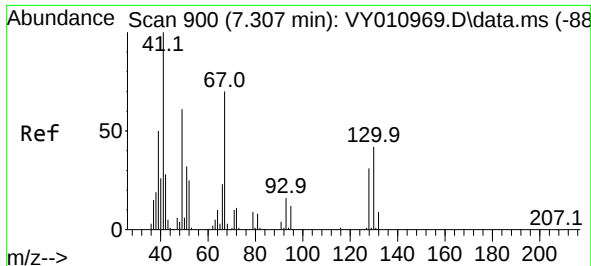
Reviewed By :Krupa Patel 11/02/2022
Supervised By :Mahesh Dadoda 11/02/2022



#40
Benzene
Concen: 11.278 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VY011211.D
Acq: 01 Nov 2022 10:04

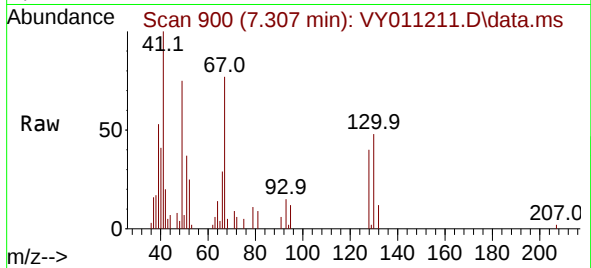
Tgt Ion: 78 Resp: 116934
Ion Ratio Lower Upper
78 100
77 23.4 20.4 30.6





#41
Methacrylonitrile
Concen: 9.633 ug/l m
RT: 7.307 min Scan# 900
Delta R.T. 0.000 min
Lab File: VY011211.D
Acq: 01 Nov 2022 10:04

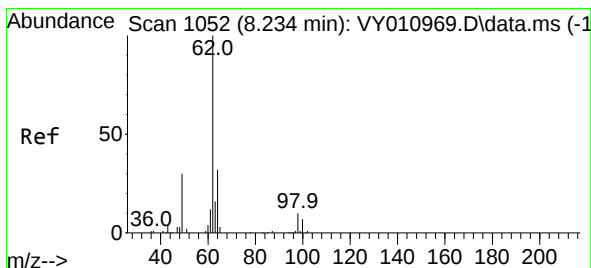
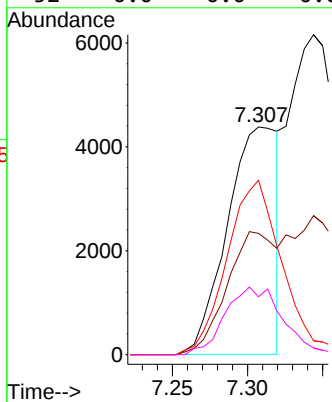
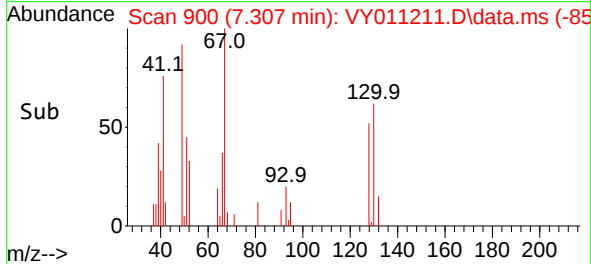
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010



Tgt Ion: 41 Resp: 1021
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

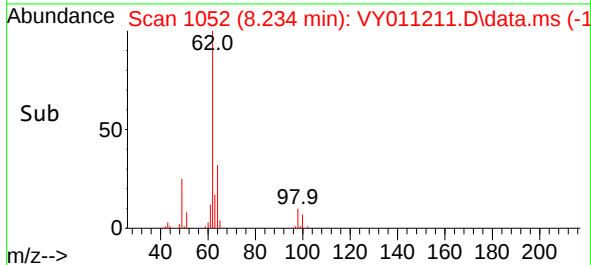
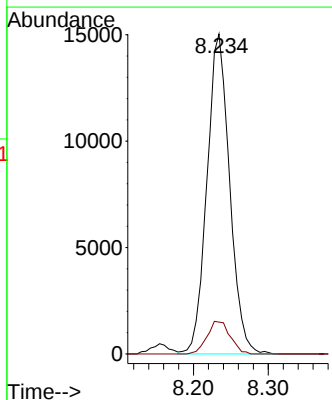
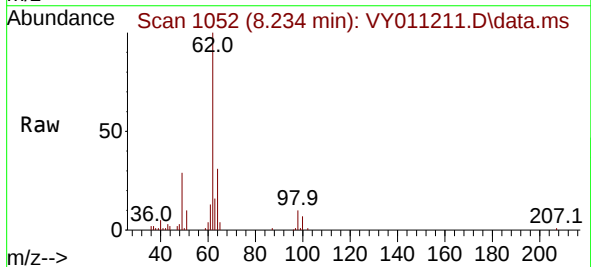
Manual Integrations
APPROVED

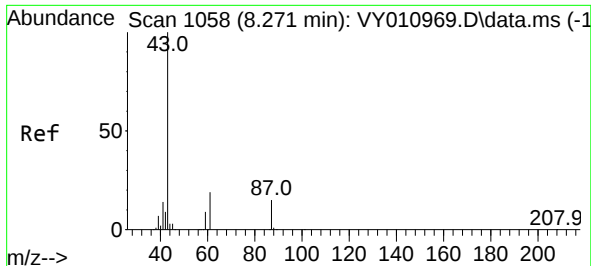
Reviewed By :Krupa Patel 11/02/2022
Supervised By :Mahesh Dadoda 11/02/2022



#42
1,2-Dichloroethane
Concen: 11.055 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VY011211.D
Acq: 01 Nov 2022 10:04

Tgt Ion: 62 Resp: 31758
Ion Ratio Lower Upper
62 100
98 10.4 0.0 14.8





#43

Isopropyl Acetate

Concen: 10.478 ug/l

RT: 8.271 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VY011211.D

Acq: 01 Nov 2022 10:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC010

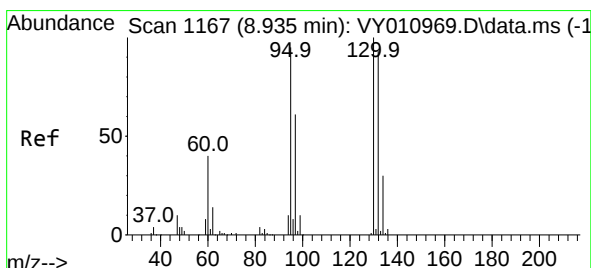
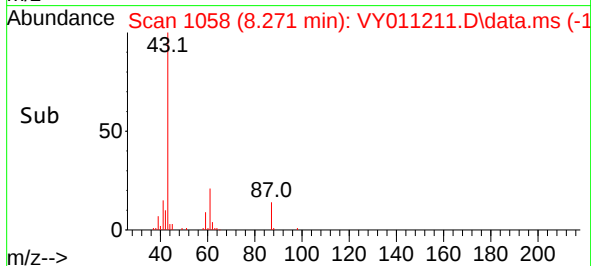
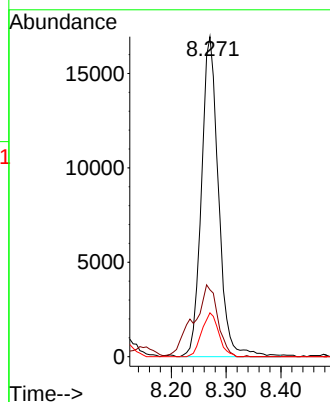
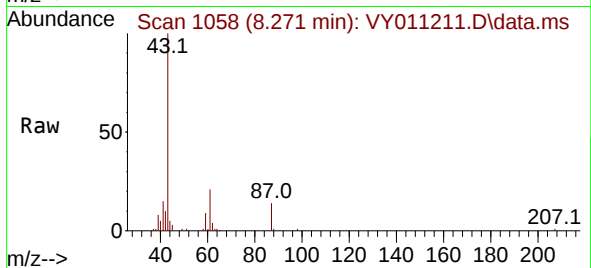
Tgt Ion:	43	Resp:	36620
Ion Ratio	Lower	Upper	
43	100		
61	31.9	20.2	30.2
87	13.6	8.9	13.3

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 11/02/2022

Supervised By :Mahesh Dadoda 11/02/2022



#44

Trichloroethene

Concen: 11.045 ug/l

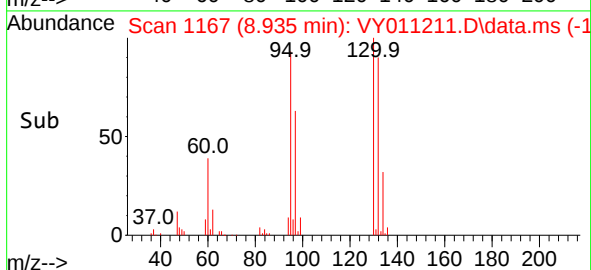
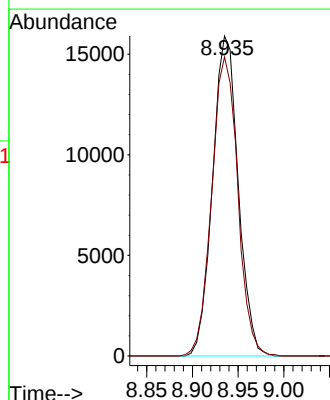
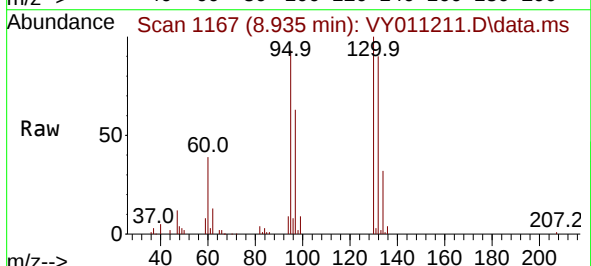
RT: 8.935 min Scan# 1167

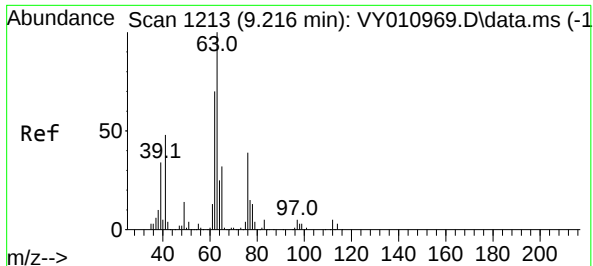
Delta R.T. 0.000 min

Lab File: VY011211.D

Acq: 01 Nov 2022 10:04

Tgt Ion:	130	Resp:	31032
Ion Ratio	Lower	Upper	
130	100		
95	93.4	0.0	188.2





#45

1,2-Dichloropropane

Concen: 10.957 ug/l

RT: 9.209 min Scan# 1212

Delta R.T. -0.007 min

Lab File: VY011211.D

Acq: 01 Nov 2022 10:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC010

Tgt Ion: 63 Resp: 2882

Ion Ratio Lower Upper

63 100

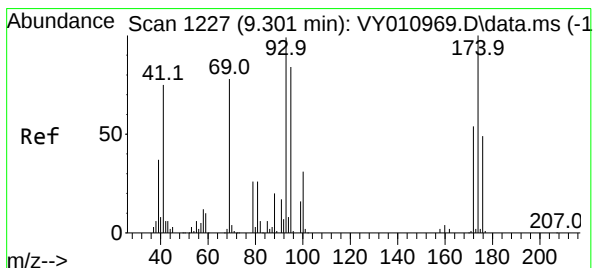
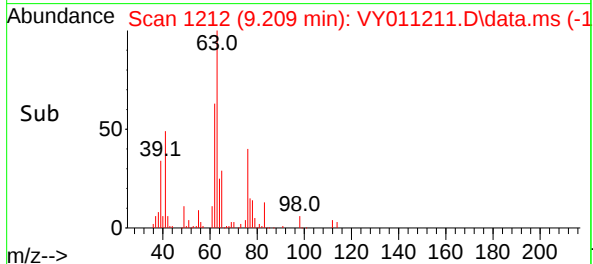
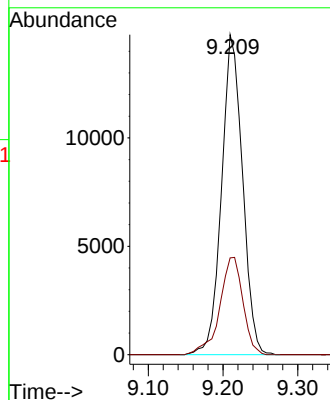
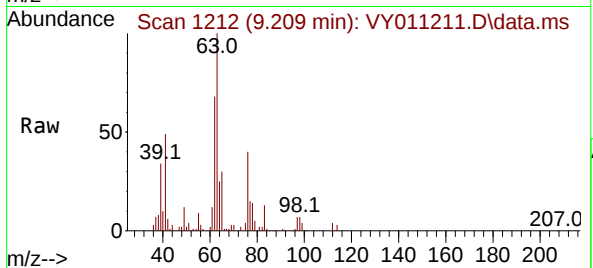
65 30.2 23.0 34.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 11/02/2022

Supervised By :Mahesh Dadoda 11/02/2022



#46

Dibromomethane

Concen: 10.997 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VY011211.D

Acq: 01 Nov 2022 10:04

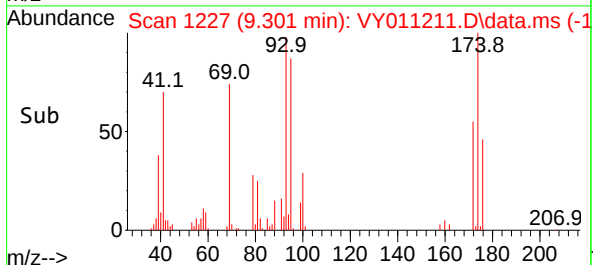
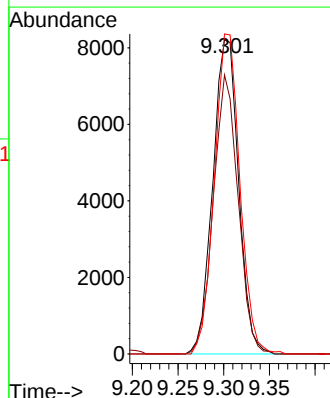
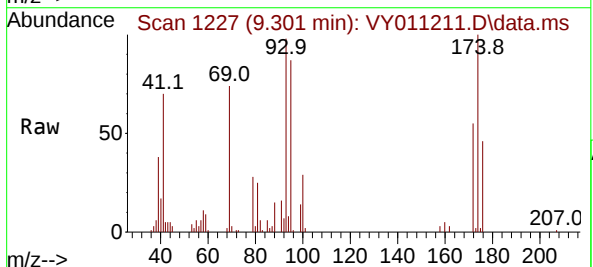
Tgt Ion: 93 Resp: 16134

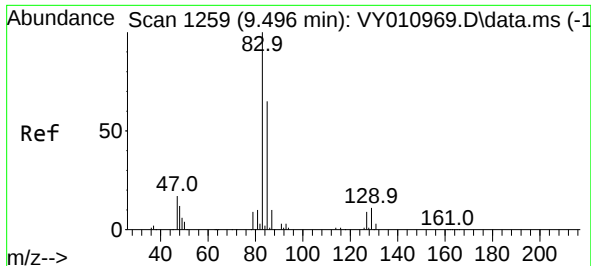
Ion Ratio Lower Upper

93 100

95 85.1 64.3 96.5

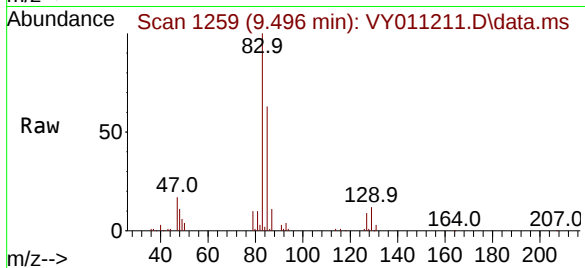
174 100.7 83.4 125.0





#47
Bromodichloromethane
Concen: 10.746 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY011211.D
Acq: 01 Nov 2022 10:04

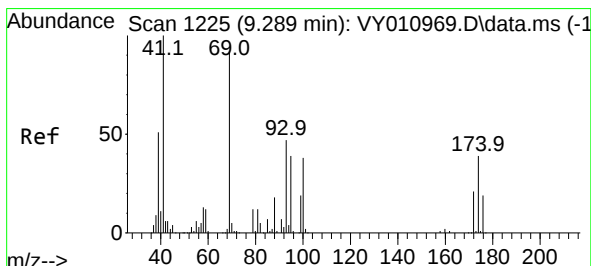
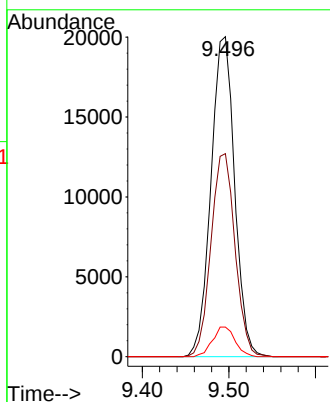
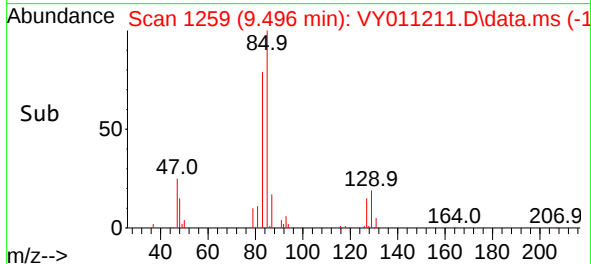
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



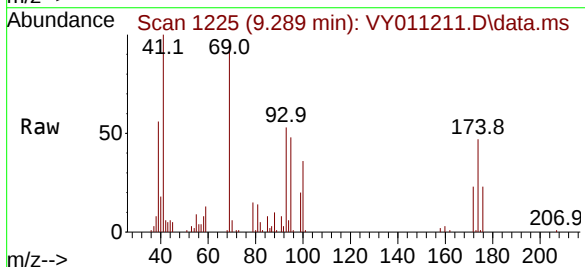
Tgt Ion: 83 Resp: 3799
Ion Ratio Lower Upper
83 100
85 63.5 51.9 77.9
127 9.3 6.6 10.0

Manual Integrations
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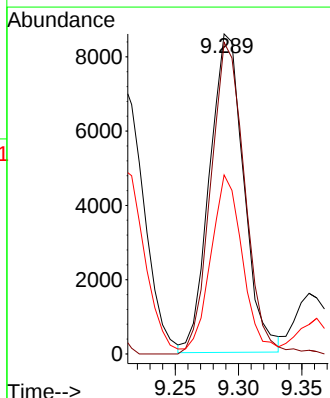
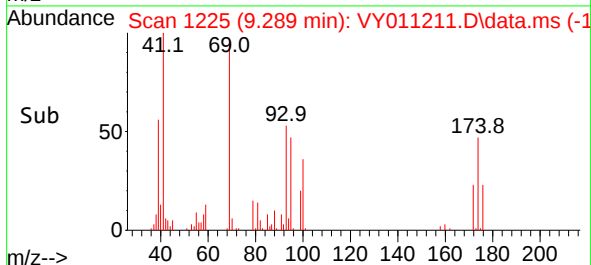
Reviewed By :Krupa Patel 11/02/2022
Supervised By :Mahesh Dadoda 11/02/2022

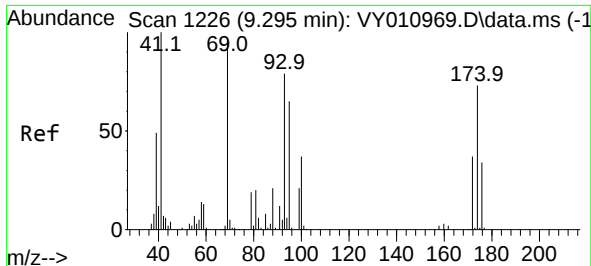


#48
Methyl methacrylate
Concen: 10.344 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VY011211.D
Acq: 01 Nov 2022 10:04



Tgt Ion: 41 Resp: 16182
Ion Ratio Lower Upper
41 100
69 97.0 58.2 87.2#
39 49.2 47.4 71.0





#49

1,4-Dioxane

Concen: 184.248 ug/l

RT: 9.313 min Scan# 1226

Delta R.T. 0.018 min

Lab File: VY011211.D

Acq: 01 Nov 2022 10:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC010

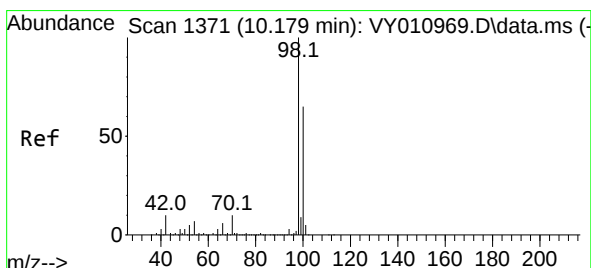
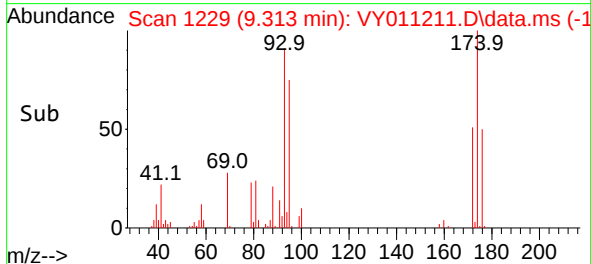
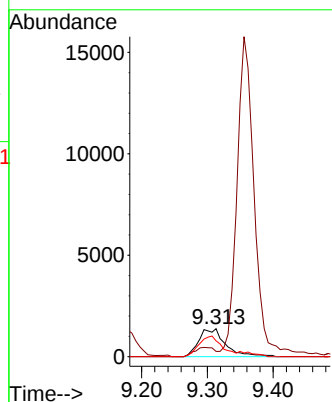
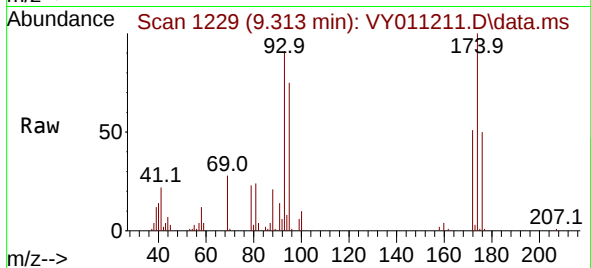
Tgt Ion:	88	Resp:	3884
Ion	Ratio	Lower	Upper
88	100		
43	24.9	32.8	49.2
58	63.4	59.8	89.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 11/02/2022

Supervised By :Mahesh Dadoda 11/02/2022



#50

Toluene-d8

Concen: 12.163 ug/l

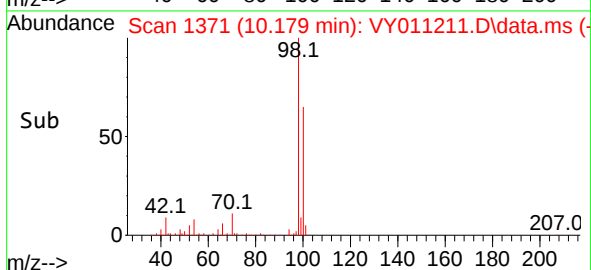
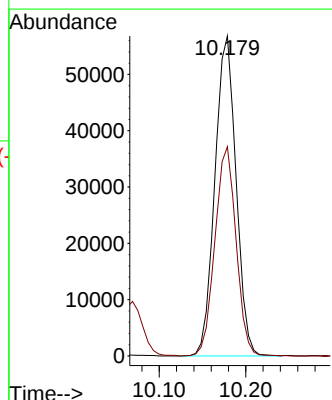
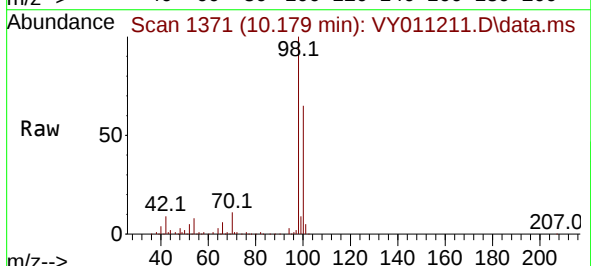
RT: 10.179 min Scan# 1371

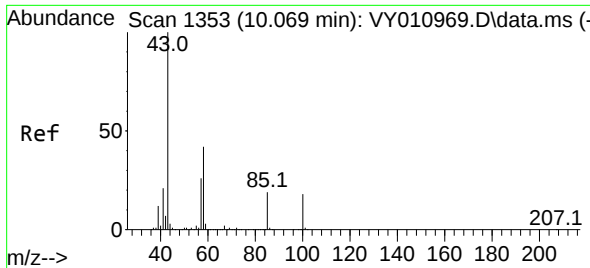
Delta R.T. -0.000 min

Lab File: VY011211.D

Acq: 01 Nov 2022 10:04

Tgt Ion:	98	Resp:	96401
Ion	Ratio	Lower	Upper
98	100		
100	65.4	50.2	75.2





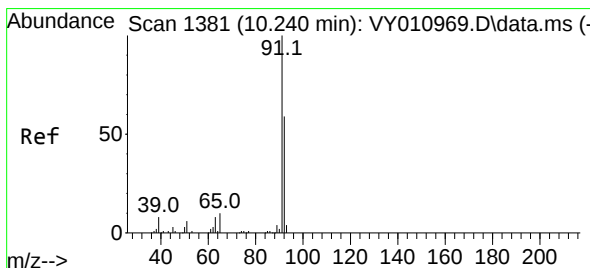
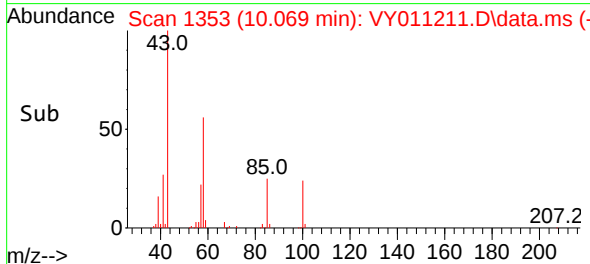
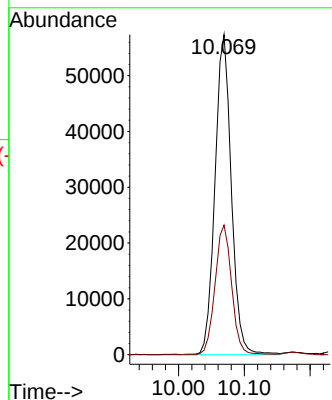
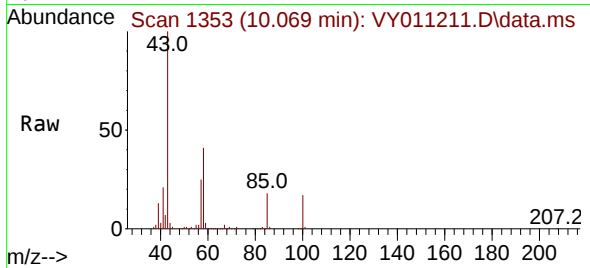
#51
4-Methyl-2-Pentanone
Concen: 50.932 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY011211.D
Acq: 01 Nov 2022 10:04

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion: 43 Resp: 9928
Ion Ratio Lower Upper
43 100
58 41.1 28.1 42.1

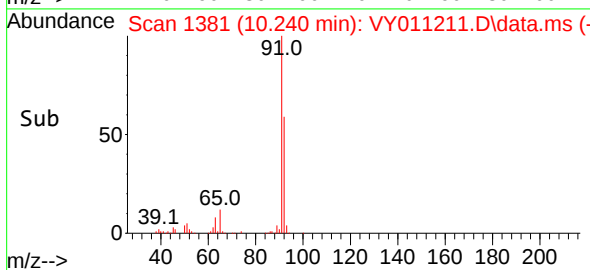
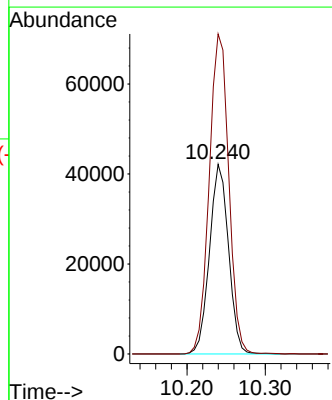
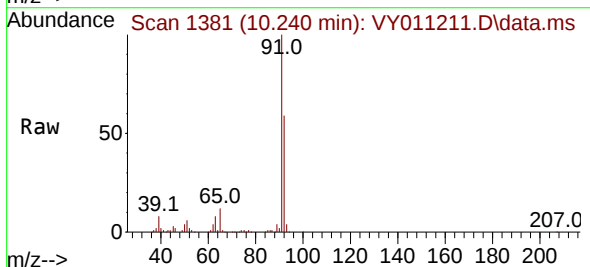
Manual Integrations
APPROVED

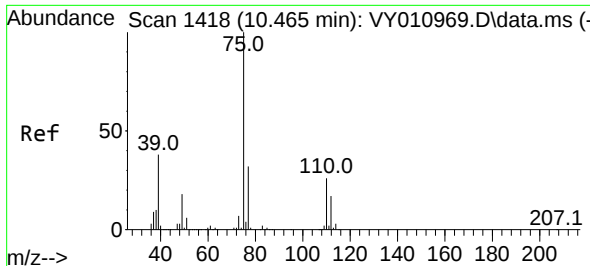
Reviewed By :Krupa Patel 11/02/2022
Supervised By :Mahesh Dadoda 11/02/2022



#52
Toluene
Concen: 11.036 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY011211.D
Acq: 01 Nov 2022 10:04

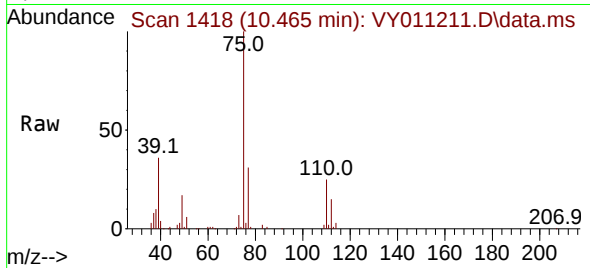
Tgt Ion: 92 Resp: 71085
Ion Ratio Lower Upper
92 100
91 172.9 142.6 213.8





#53
t-1,3-Dichloropropene
Concen: 10.658 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY011211.D
Acq: 01 Nov 2022 10:04

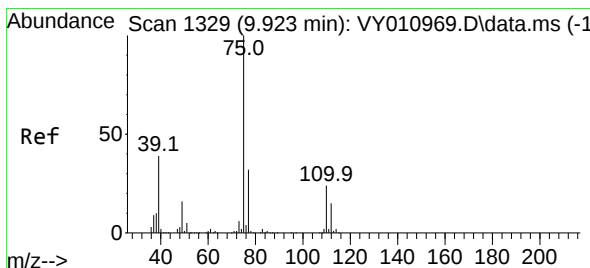
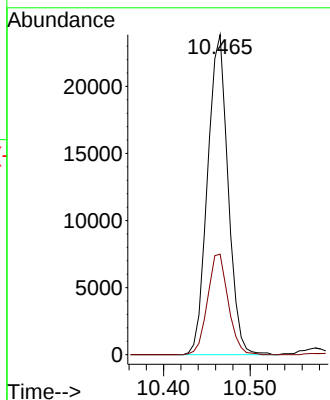
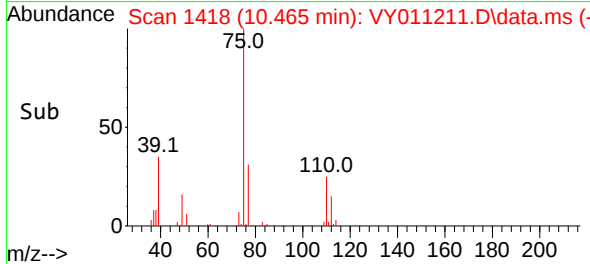
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



Tgt Ion: 75 Resp: 39148
Ion Ratio Lower Upper
75 100
77 31.4 25.4 38.2

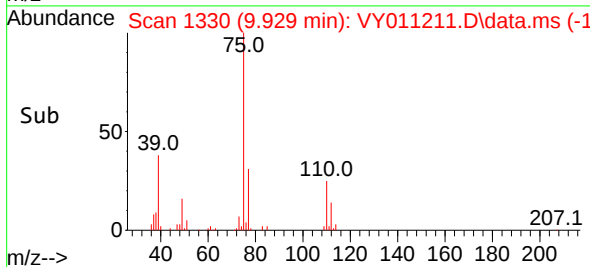
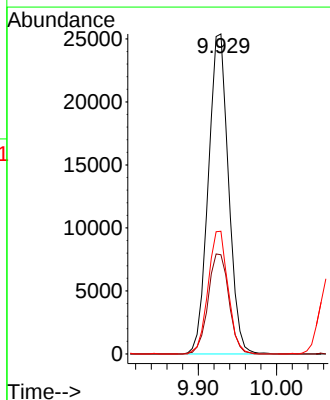
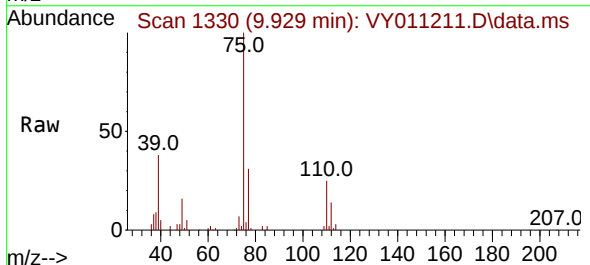
Manual Integrations
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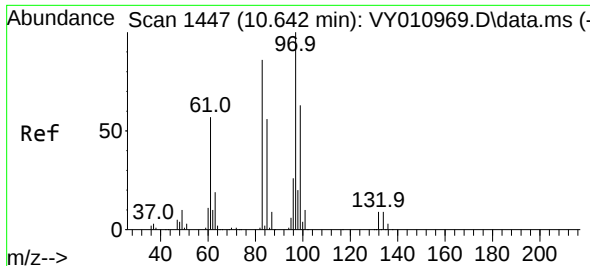
Reviewed By :Krupa Patel 11/02/2022
Supervised By :Mahesh Dadoda 11/02/2022



#54
cis-1,3-Dichloropropene
Concen: 10.808 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. 0.006 min
Lab File: VY011211.D
Acq: 01 Nov 2022 10:04

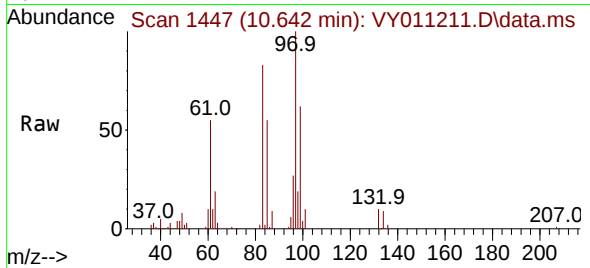
Tgt Ion: 75 Resp: 45429
Ion Ratio Lower Upper
75 100
77 31.0 25.6 38.4
39 38.3 47.6 71.4#





#55
1,1,2-Trichloroethane
Concen: 11.129 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY011211.D
Acq: 01 Nov 2022 10:04

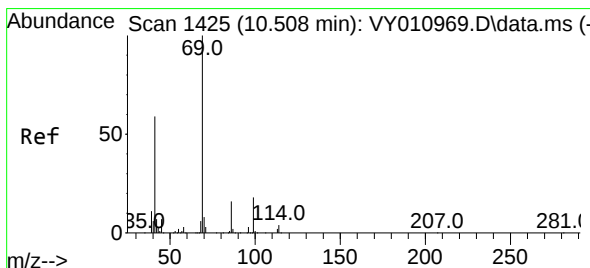
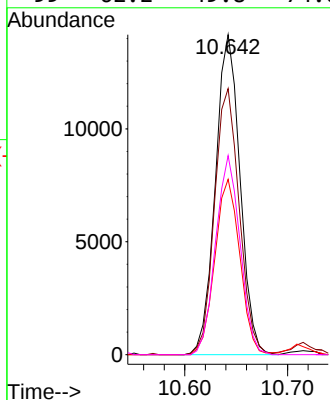
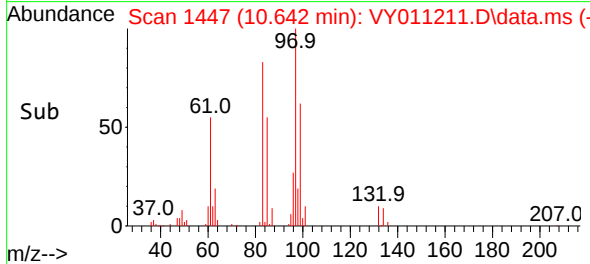
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



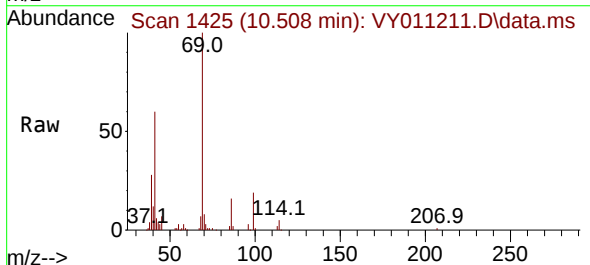
Tgt Ion:	97	Resp:	2355
Ion	Ratio	Lower	Upper
97	100		
83	83.1	69.8	104.8
85	54.8	44.3	66.5
99	62.2	49.8	74.6

Manual Integrations
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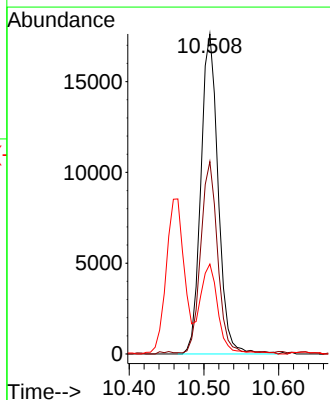
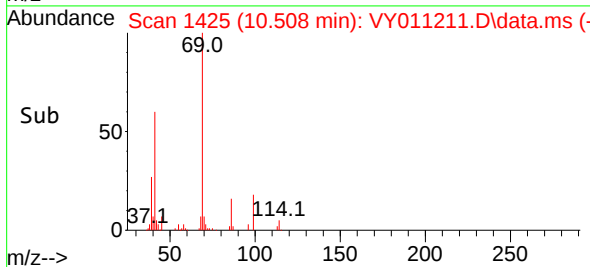
Reviewed By :Krupa Patel 11/02/2022
Supervised By :Mahesh Dadoda 11/02/2022

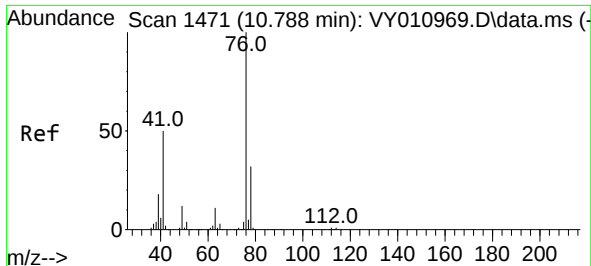


#56
Ethyl methacrylate
Concen: 10.074 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY011211.D
Acq: 01 Nov 2022 10:04



Tgt Ion:	69	Resp:	28320
Ion	Ratio	Lower	Upper
69	100		
41	58.1	63.4	95.0#
39	29.6	35.8	53.8#





#57

1,3-Dichloropropane

Concen: 10.747 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY011211.D

Acq: 01 Nov 2022 10:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC010

Tgt Ion: 76 Resp: 3911

Ion Ratio Lower Upper

76 100

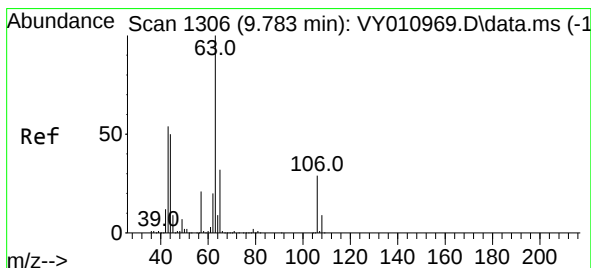
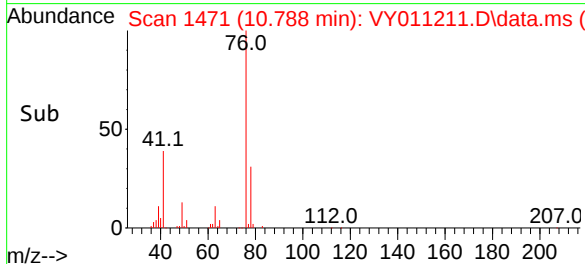
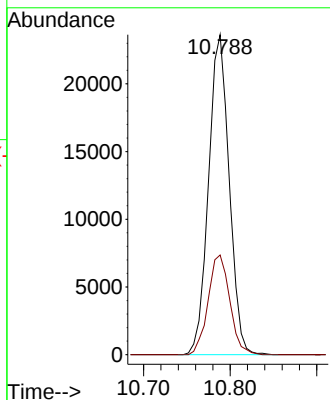
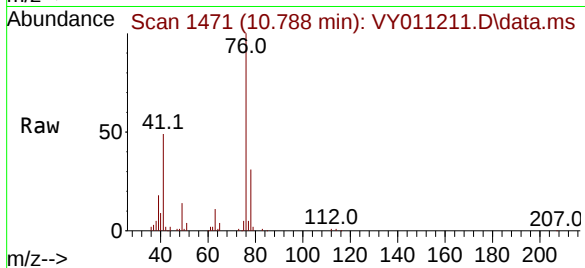
78 32.7 25.0 37.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 11/02/2022

Supervised By :Mahesh Dadoda 11/02/2022



#58

2-Chloroethyl Vinyl ether

Concen: 62.524 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. -0.001 min

Lab File: VY011211.D

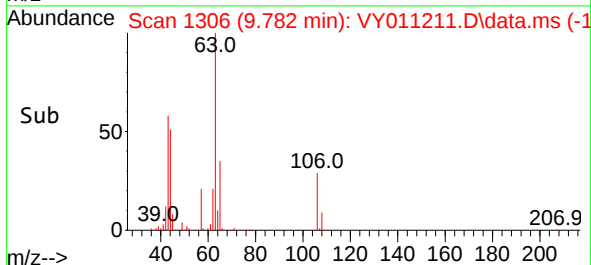
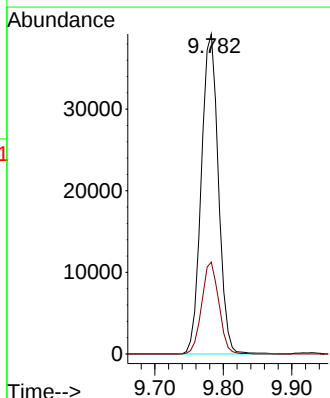
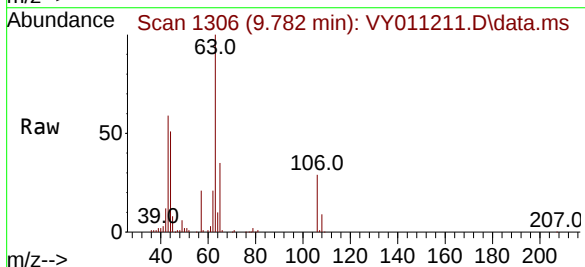
Acq: 01 Nov 2022 10:04

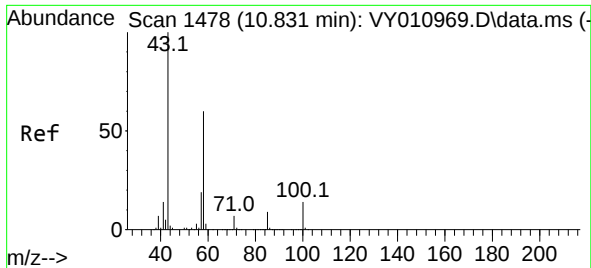
Tgt Ion: 63 Resp: 67987

Ion Ratio Lower Upper

63 100

106 28.7 21.5 32.3





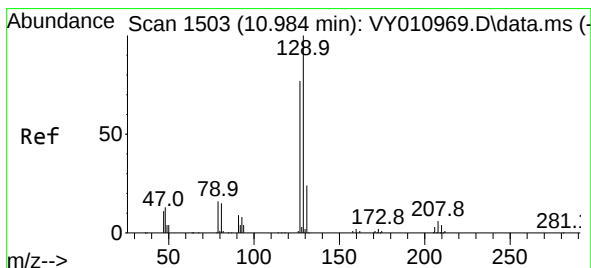
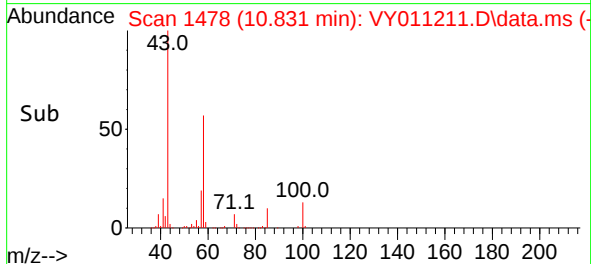
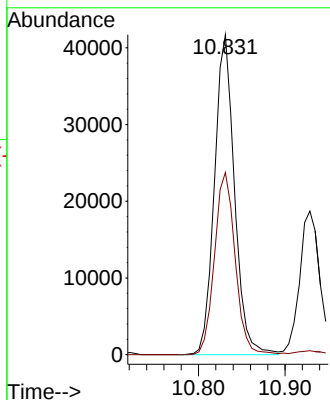
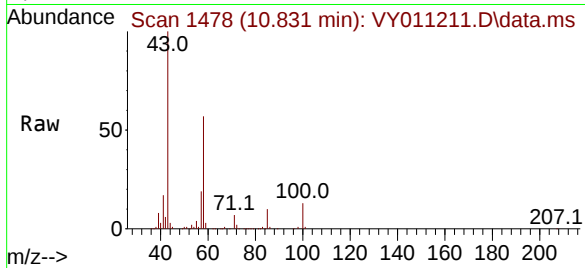
#59
2-Hexanone
Concen: 50.067 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY011211.D
Acq: 01 Nov 2022 10:04

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tgt Ion: 43 Resp: 6704
Ion Ratio Lower Upper
43 100
58 58.6 24.4 73.4

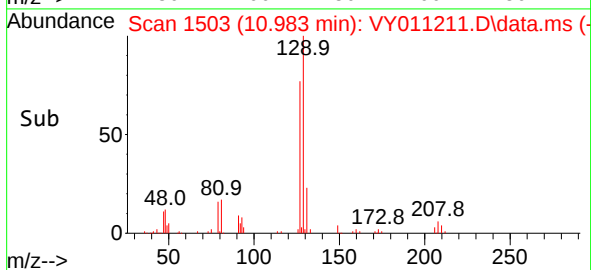
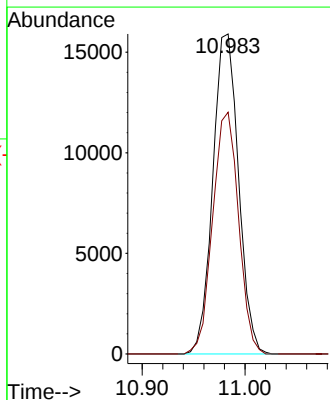
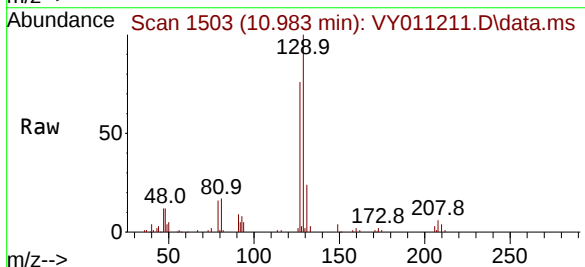
Manual Integrations
APPROVED

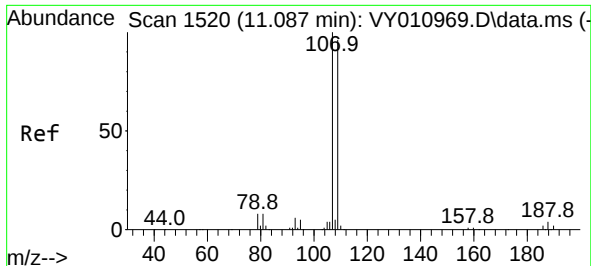
Reviewed By :Krupa Patel 11/02/2022
Supervised By :Mahesh Dadoda 11/02/2022



#60
Dibromochloromethane
Concen: 10.970 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. -0.001 min
Lab File: VY011211.D
Acq: 01 Nov 2022 10:04

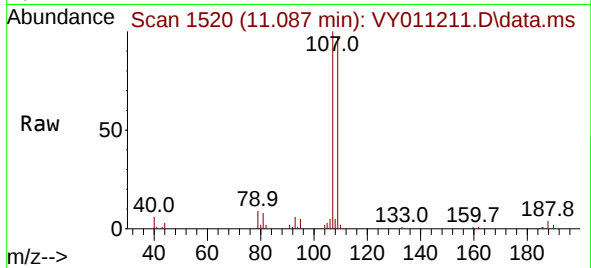
Tgt Ion:129 Resp: 27610
Ion Ratio Lower Upper
129 100
127 76.0 38.7 116.1





#61
1,2-Dibromoethane
Concen: 10.912 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY011211.D
Acq: 01 Nov 2022 10:04

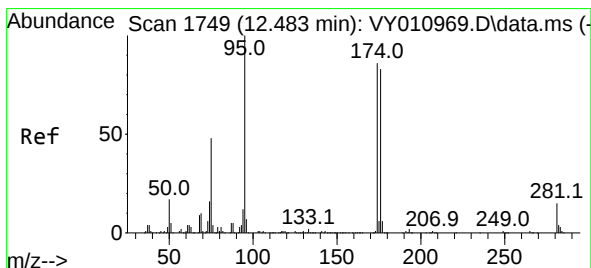
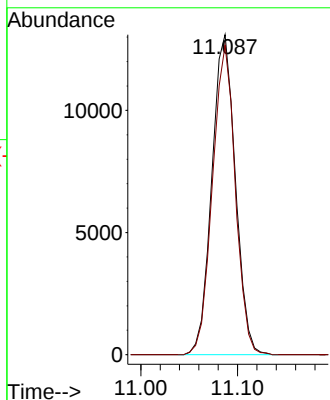
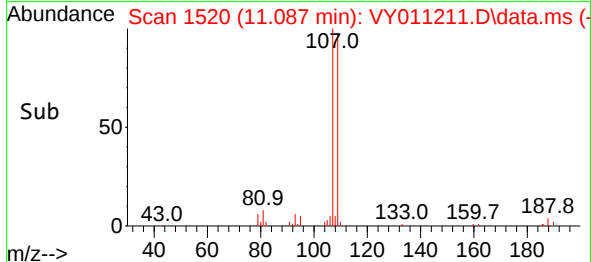
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



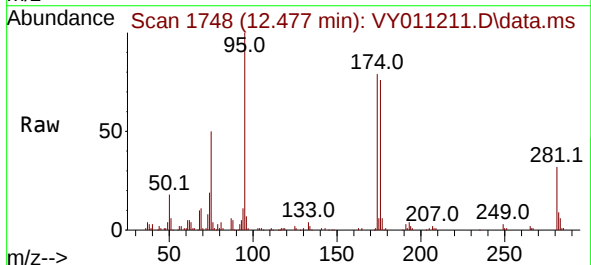
Tgt Ion:107 Resp: 2211
Ion Ratio Lower Upper
107 100
109 93.9 75.4 113.2

Manual Integrations
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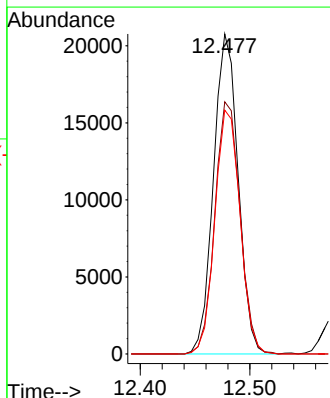
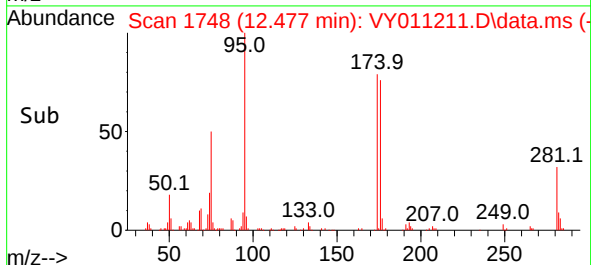
Reviewed By :Krupa Patel 11/02/2022
Supervised By :Mahesh Dadoda 11/02/2022

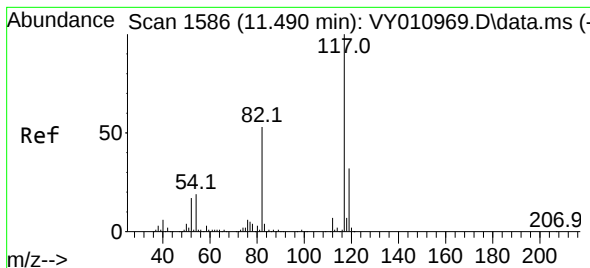


#62
4-Bromofluorobenzene
Concen: 9.033 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY011211.D
Acq: 01 Nov 2022 10:04



Tgt Ion: 95 Resp: 32426
Ion Ratio Lower Upper
95 100
174 80.5 0.0 177.0
176 77.9 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.001 min

Lab File: VY011211.D

Acq: 01 Nov 2022 10:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tgt Ion:117 Resp: 351650

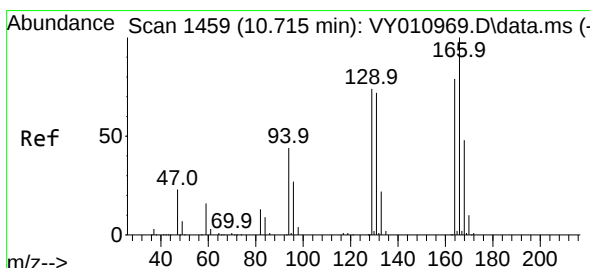
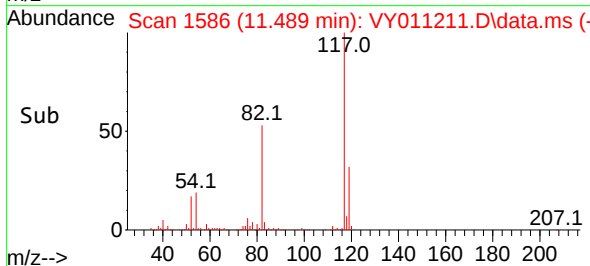
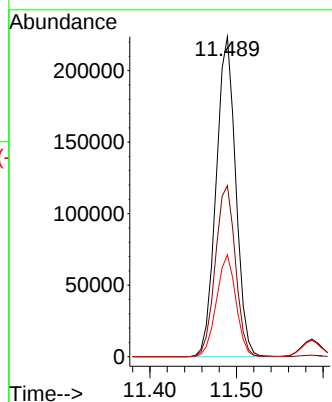
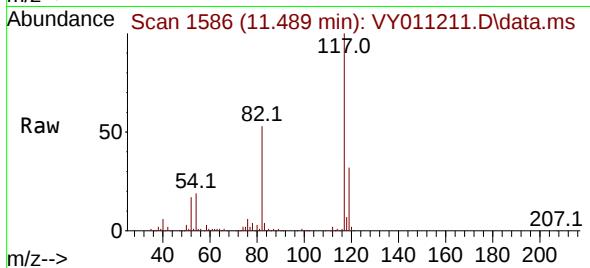
Ion	Ratio	Lower	Upper
117	100		
82	53.4	43.0	64.4
119	31.8	25.4	38.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 11/02/2022

Supervised By :Mahesh Dadoda 11/02/2022



#64

Tetrachloroethene

Concen: 10.656 ug/l

RT: 10.715 min Scan# 1459

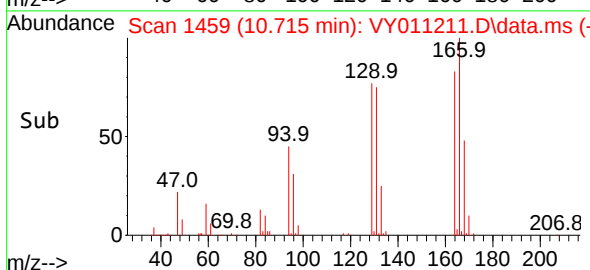
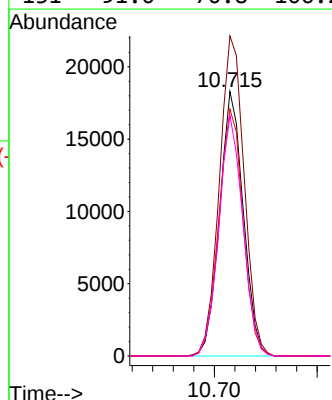
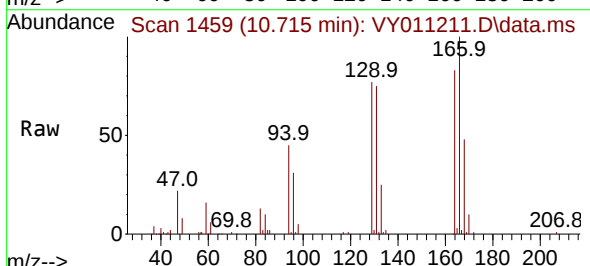
Delta R.T. 0.000 min

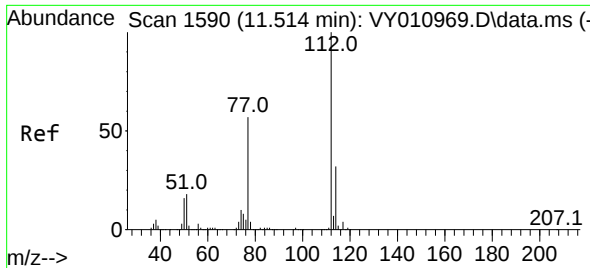
Lab File: VY011211.D

Acq: 01 Nov 2022 10:04

Tgt Ion:164 Resp: 29170

Ion	Ratio	Lower	Upper
164	100		
166	121.1	100.4	150.6
129	93.3	71.4	107.0
131	91.0	70.8	106.2





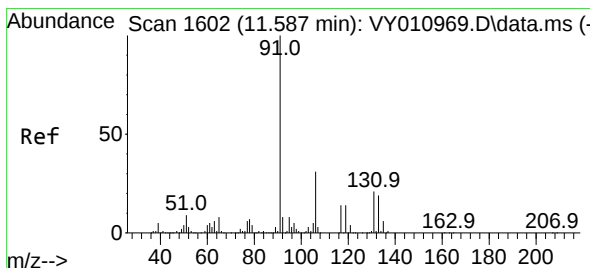
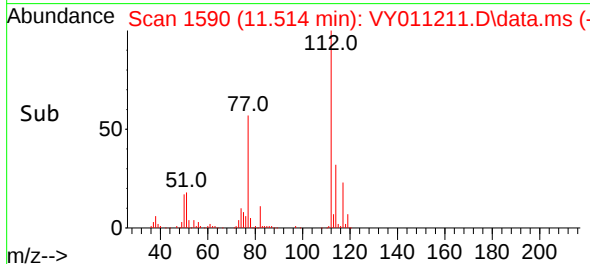
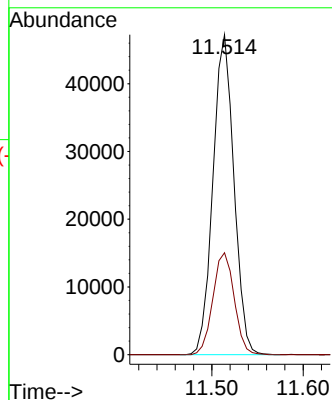
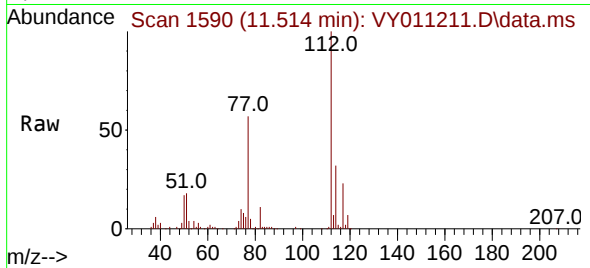
#65
Chlorobenzene
Concen: 10.414 ug/l
RT: 11.514 min Scan# 11590
Delta R.T. -0.000 min
Lab File: VY011211.D
Acq: 01 Nov 2022 10:04

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tgt Ion:112 Resp: 7518
Ion Ratio Lower Upper
112 100
114 31.9 25.8 38.6

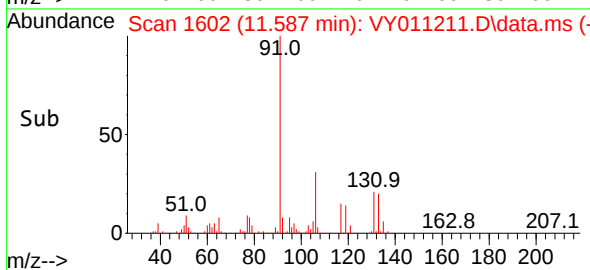
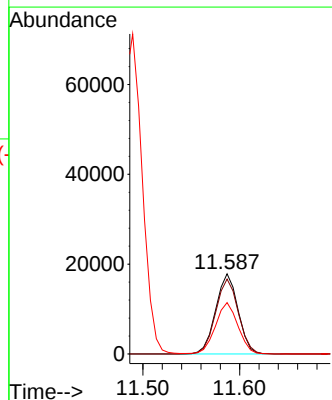
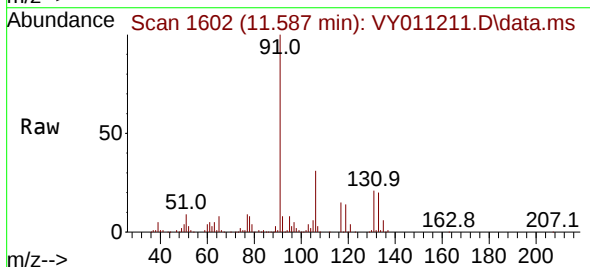
Manual Integrations
APPROVED

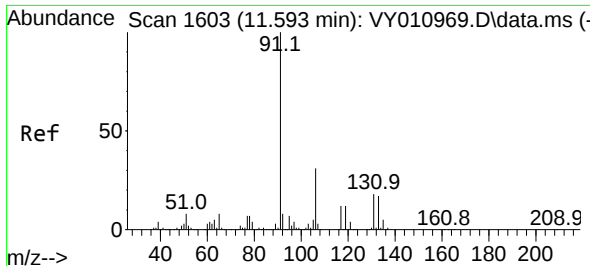
Reviewed By :Krupa Patel 11/02/2022
Supervised By :Mahesh Dadoda 11/02/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 10.698 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY011211.D
Acq: 01 Nov 2022 10:04

Tgt Ion:131 Resp: 28587
Ion Ratio Lower Upper
131 100
133 95.0 47.9 143.6
119 64.6 30.8 92.3





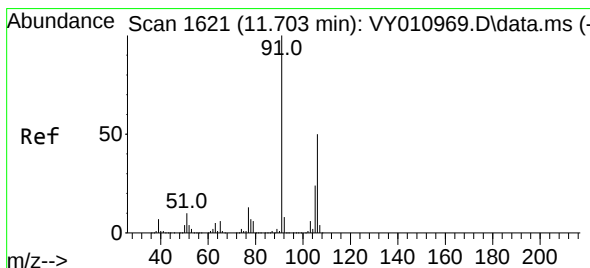
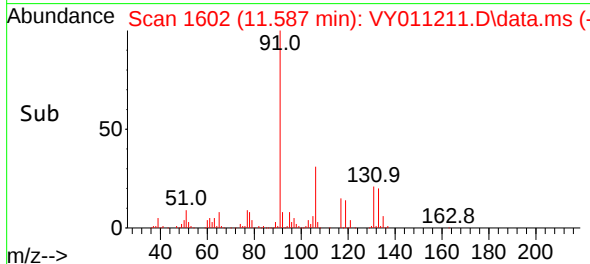
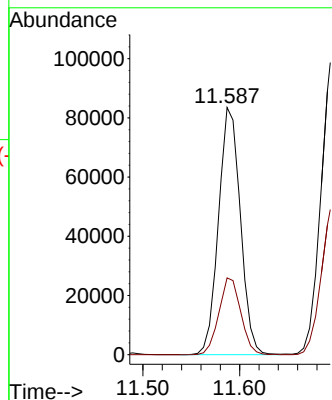
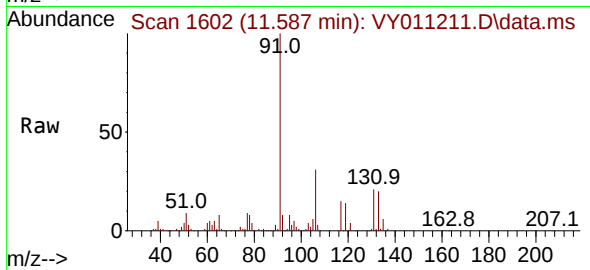
#67
Ethyl Benzene
Concen: 10.259 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.006 min
Lab File: VY011211.D
Acq: 01 Nov 2022 10:04

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion: 91 Resp: 13103
Ion Ratio Lower Upper
91 100
106 31.1 24.5 36.7

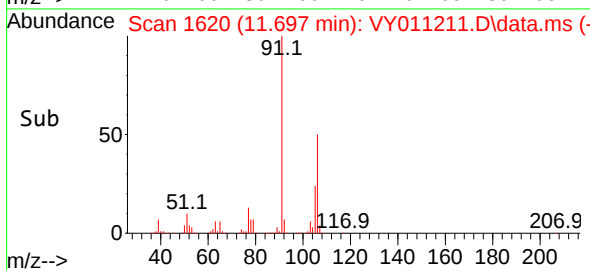
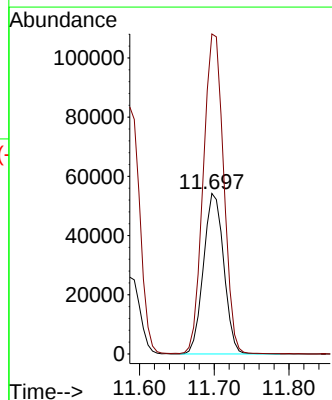
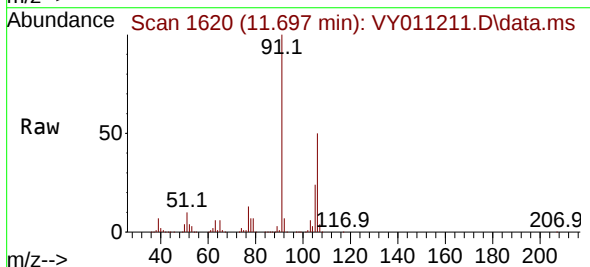
Manual Integrations
APPROVED

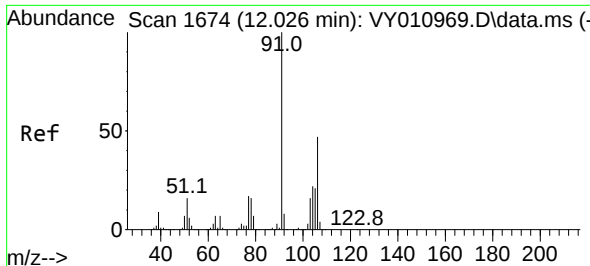
Reviewed By :Krupa Patel 11/02/2022
Supervised By :Mahesh Dadoda 11/02/2022



#68
m/p-Xylenes
Concen: 20.790 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. -0.006 min
Lab File: VY011211.D
Acq: 01 Nov 2022 10:04

Tgt Ion:106 Resp: 102148
Ion Ratio Lower Upper
106 100
91 200.6 166.6 249.8





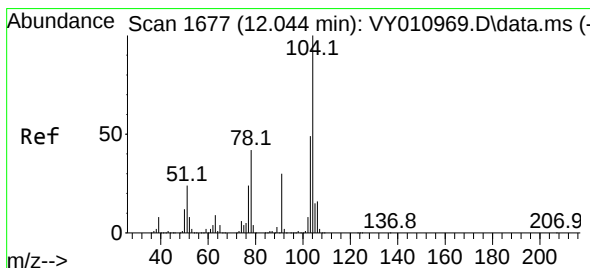
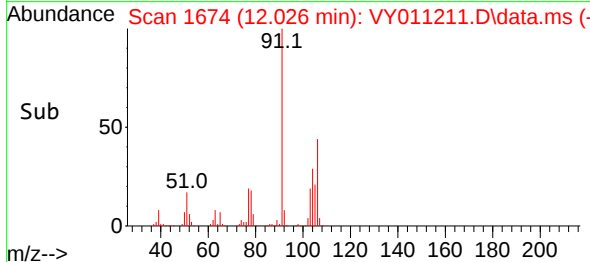
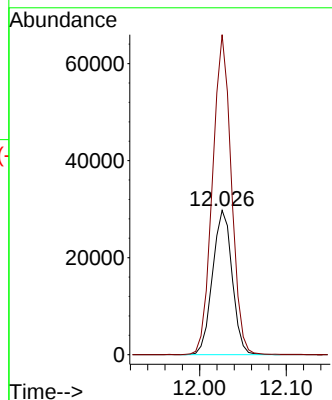
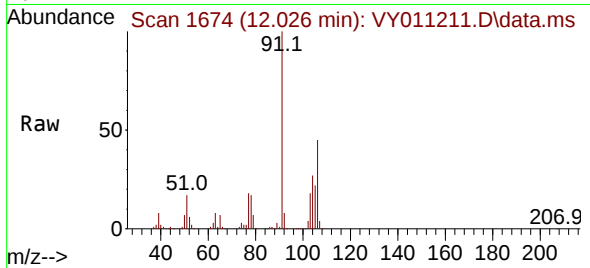
#69
o-Xylene
Concen: 10.011 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.000 min
Lab File: VY011211.D
Acq: 01 Nov 2022 10:04

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tgt Ion:106 Resp: 4670
Ion Ratio Lower Upper
106 100
91 213.6 110.3 331.0

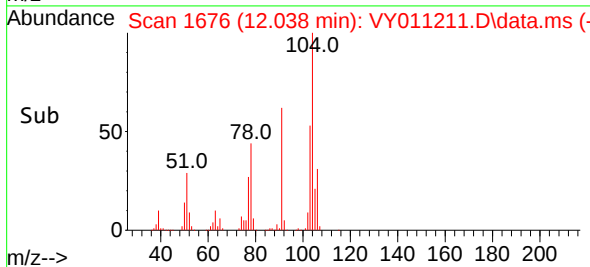
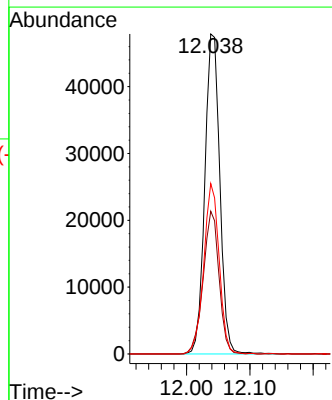
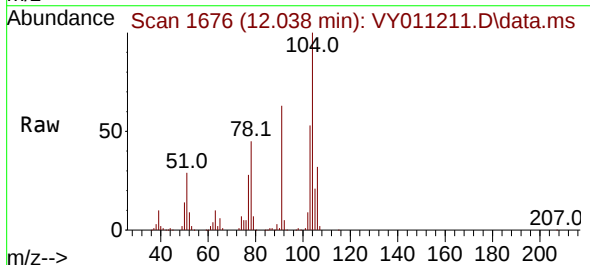
Manual Integrations
APPROVED

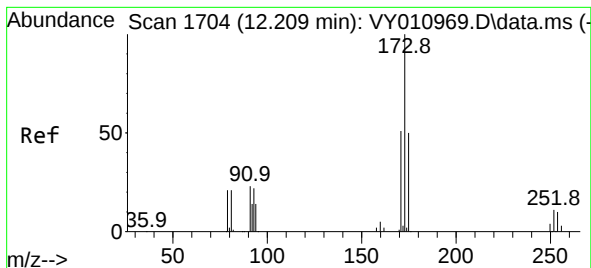
Reviewed By :Krupa Patel 11/02/2022
Supervised By :Mahesh Dadoda 11/02/2022



#70
Styrene
Concen: 10.005 ug/l
RT: 12.038 min Scan# 1676
Delta R.T. -0.006 min
Lab File: VY011211.D
Acq: 01 Nov 2022 10:04

Tgt Ion:104 Resp: 79092
Ion Ratio Lower Upper
104 100
78 47.2 42.4 63.6
103 54.6 44.4 66.6





#71

Bromoform

Concen: 10.611 ug/l

RT: 12.203 min Scan# 1703

Delta R.T. -0.006 min

Lab File: VY011211.D

Acq: 01 Nov 2022 10:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

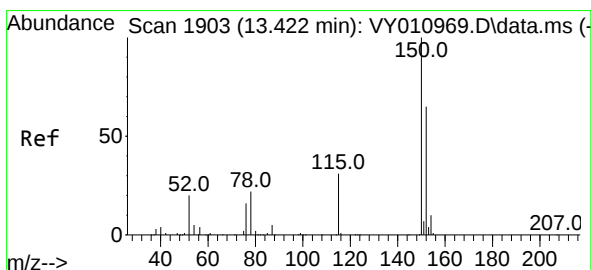
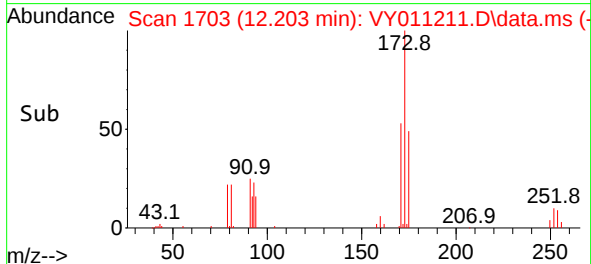
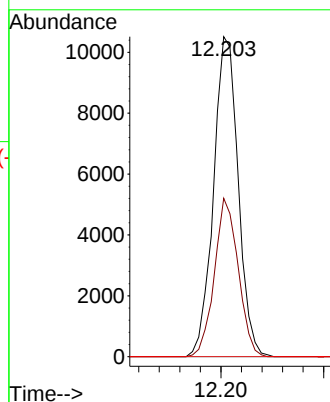
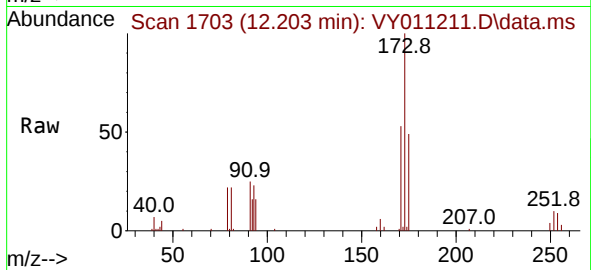
Tgt Ion:173	Resp:	17500
Ion Ratio	Lower	Upper
173	100	
175	47.7	24.6 74.0
254	0.0	0.0 0.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 11/02/2022

Supervised By :Mahesh Dadoda 11/02/2022



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

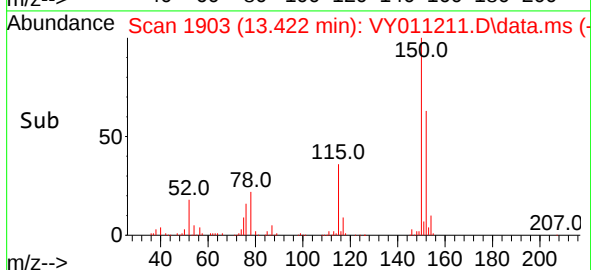
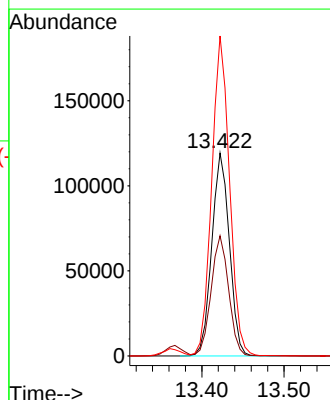
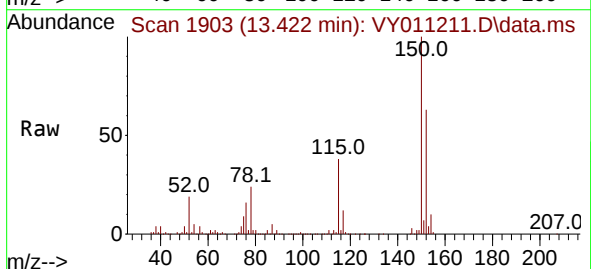
RT: 13.422 min Scan# 1903

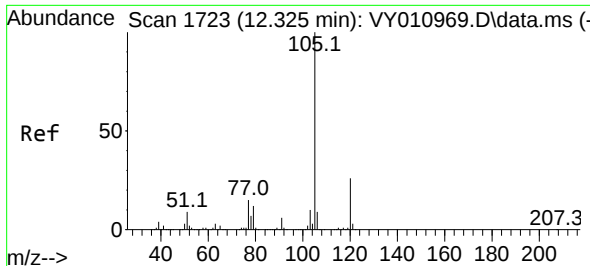
Delta R.T. 0.000 min

Lab File: VY011211.D

Acq: 01 Nov 2022 10:04

Tgt Ion:152	Resp:	177324
Ion Ratio	Lower	Upper
152	100	
115	58.9	28.2 84.7
150	159.7	0.0 347.6





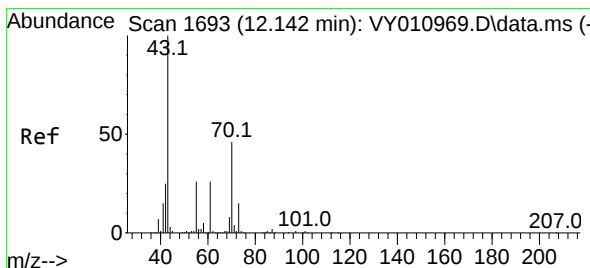
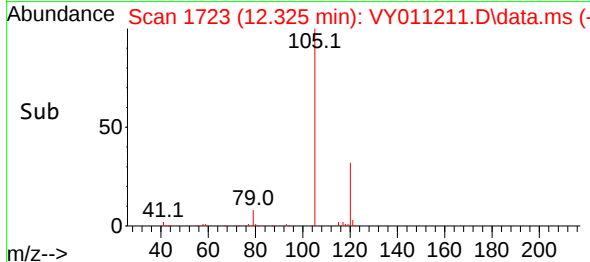
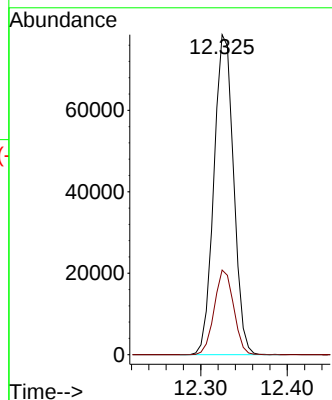
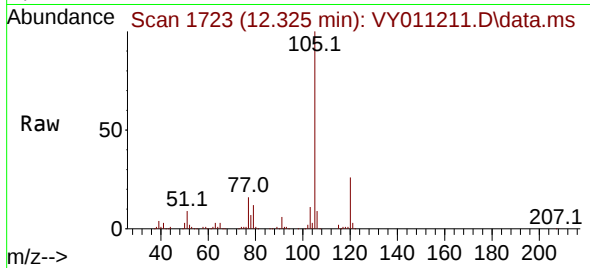
#73
Isopropylbenzene
Concen: 9.628 ug/l
RT: 12.325 min Scan# 1723
Delta R.T. -0.000 min
Lab File: VY011211.D
Acq: 01 Nov 2022 10:04

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion:105 Resp: 124038
Ion Ratio Lower Upper
105 100
120 26.0 13.4 40.2

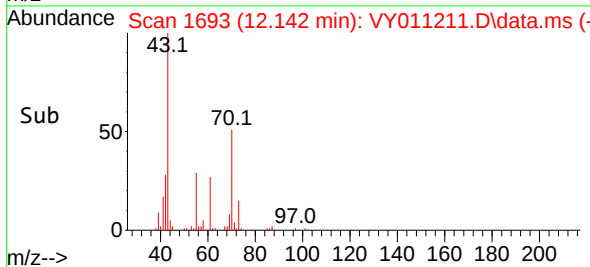
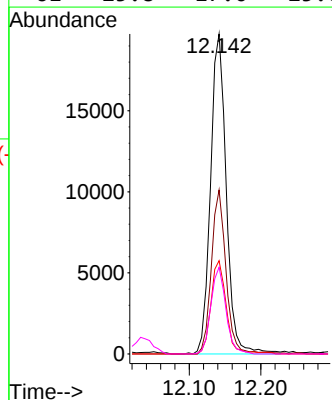
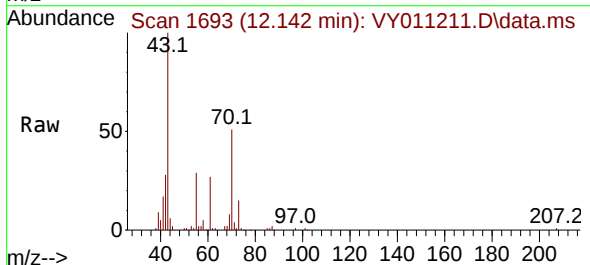
Manual Integrations
APPROVED

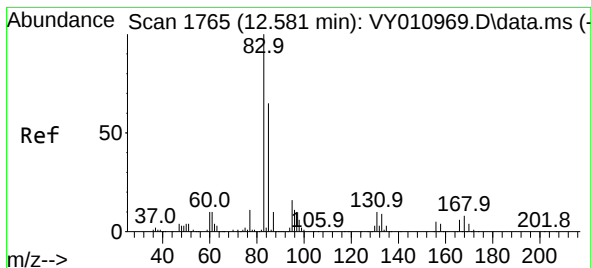
Reviewed By :Krupa Patel 11/02/2022
Supervised By :Mahesh Dadoda 11/02/2022



#74
N-ethyl acetate
Concen: 9.229 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY011211.D
Acq: 01 Nov 2022 10:04

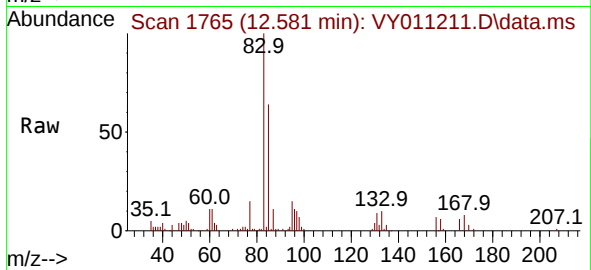
Tgt Ion: 43 Resp: 30165
Ion Ratio Lower Upper
43 100
70 47.8 28.7 43.1#
55 28.4 17.3 25.9#
61 25.8 17.0 25.6#





#75
1,1,2,2-Tetrachloroethane
Concen: 10.030 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY011211.D
Acq: 01 Nov 2022 10:04

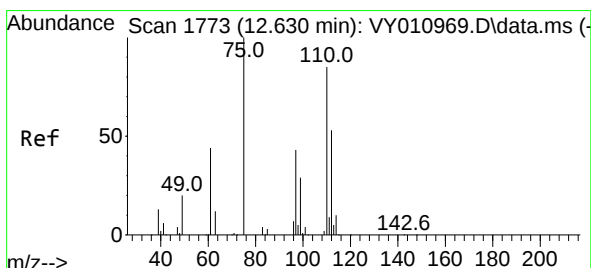
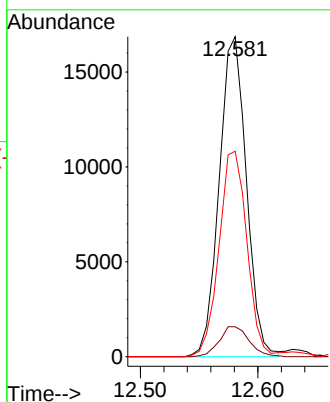
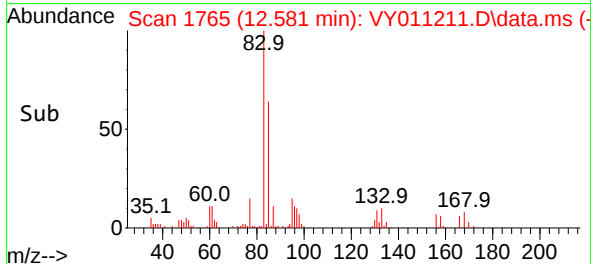
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



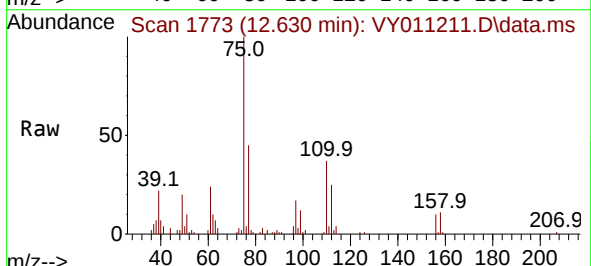
Tgt Ion: 83 Resp: 27119
Ion Ratio Lower Upper
83 100
131 10.3 5.6 16.8
85 65.9 32.3 96.8

Manual Integrations
APPROVED

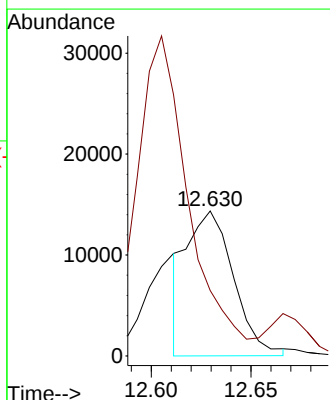
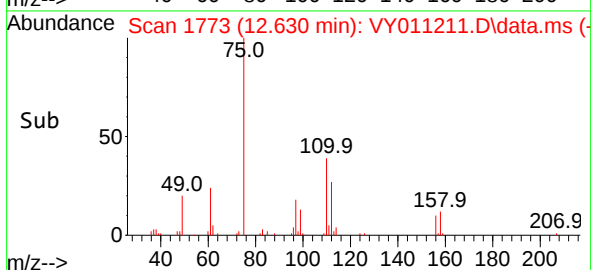
Reviewed By :Krupa Patel 11/02/2022
Supervised By :Mahesh Dadoda 11/02/2022

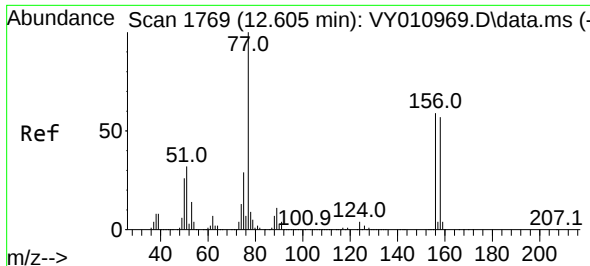


#76
1,2,3-Trichloropropane
Concen: 11.567 ug/l m
RT: 12.630 min Scan# 1773
Delta R.T. -0.001 min
Lab File: VY011211.D
Acq: 01 Nov 2022 10:04



Tgt Ion: 75 Resp: 23286
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





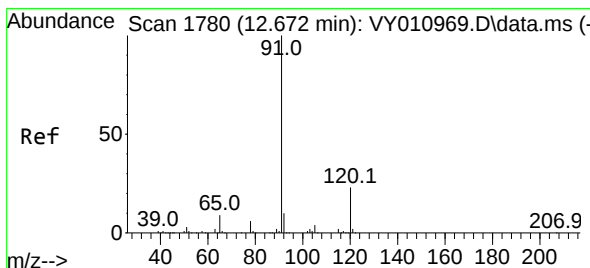
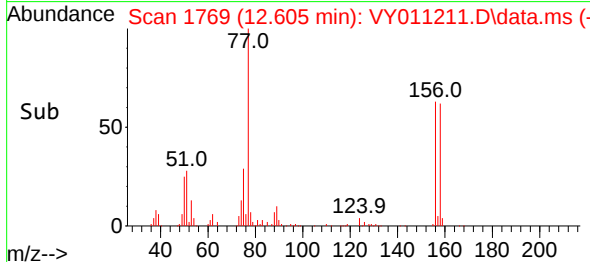
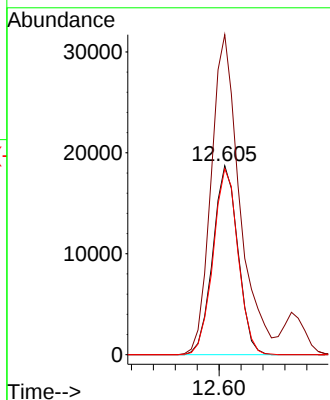
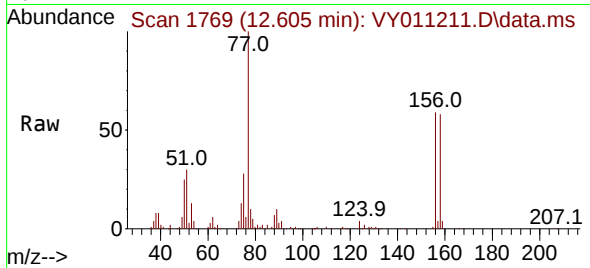
#77
Bromobenzene
Concen: 9.876 ug/l
RT: 12.605 min Scan# 1769
Delta R.T. 0.000 min
Lab File: VY011211.D
Acq: 01 Nov 2022 10:04

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tgt Ion: 156 Resp: 29740
Ion Ratio Lower Upper
156 100
77 192.6 95.5 286.4
158 98.0 48.0 144.0

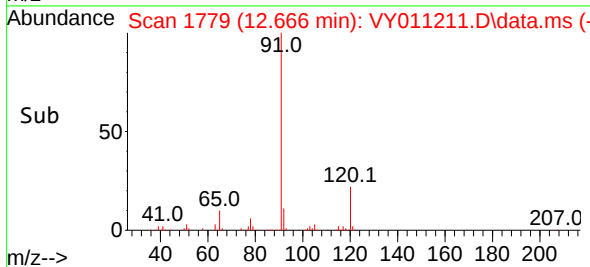
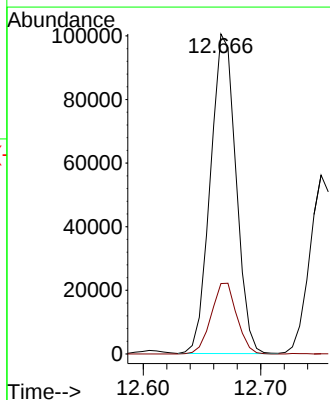
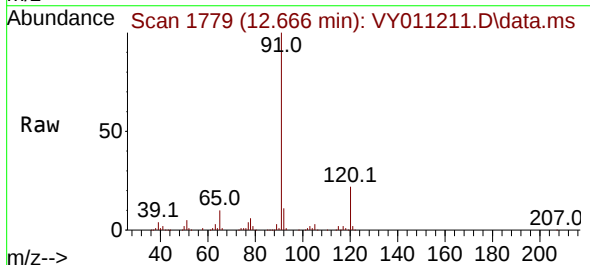
Manual Integrations
APPROVED

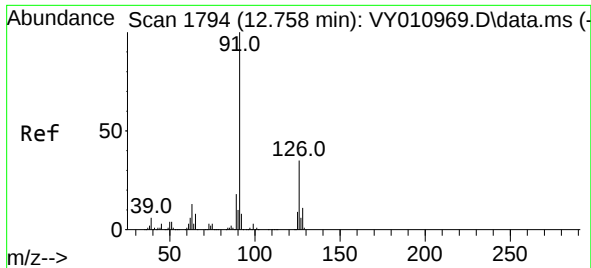
Reviewed By :Krupa Patel 11/02/2022
Supervised By :Mahesh Dadoda 11/02/2022



#78
n-propylbenzene
Concen: 9.706 ug/l
RT: 12.666 min Scan# 1779
Delta R.T. -0.006 min
Lab File: VY011211.D
Acq: 01 Nov 2022 10:04

Tgt Ion: 91 Resp: 152136
Ion Ratio Lower Upper
91 100
120 22.1 11.3 33.9





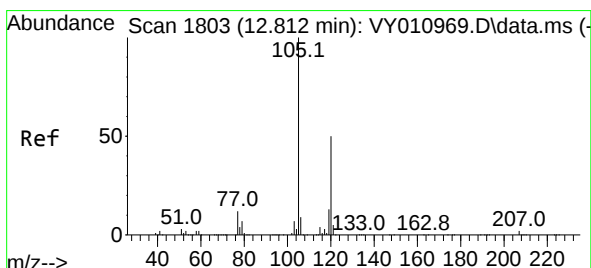
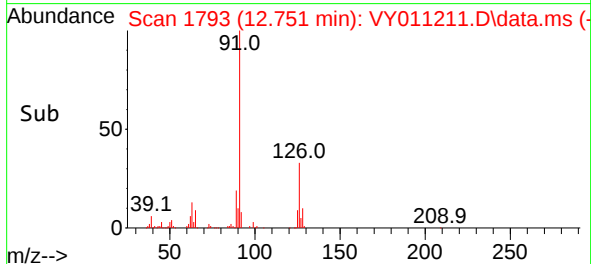
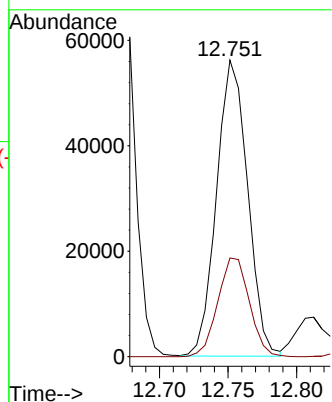
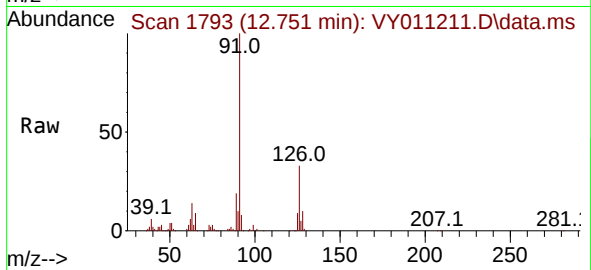
#79
2-Chlorotoluene
Concen: 10.056 ug/l
RT: 12.751 min Scan# 1793
Delta R.T. -0.007 min
Lab File: VY011211.D
Acq: 01 Nov 2022 10:04

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion: 91 Resp: 8876
Ion Ratio Lower Upper
91 100
126 33.8 16.9 50.6

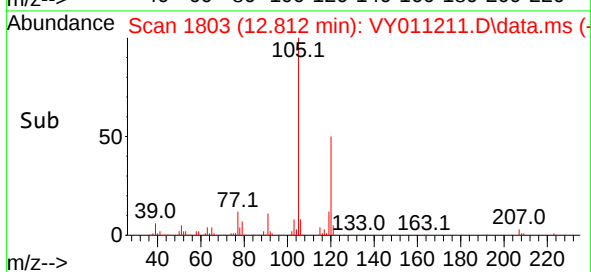
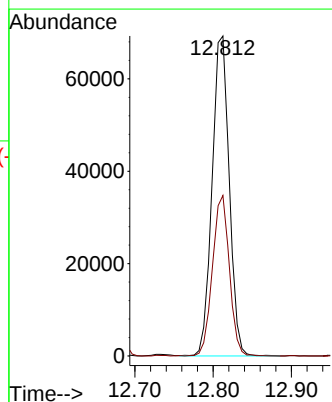
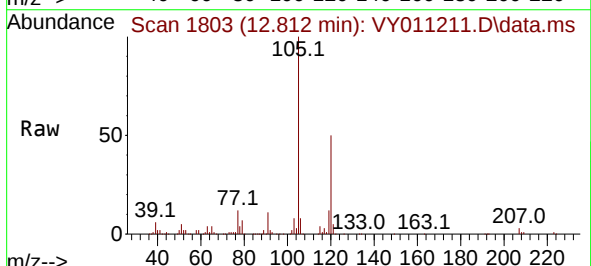
Manual Integrations
APPROVED

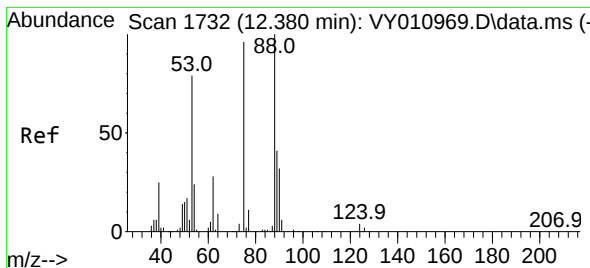
Reviewed By :Krupa Patel 11/02/2022
Supervised By :Mahesh Dadoda 11/02/2022



#80
1,3,5-Trimethylbenzene
Concen: 9.786 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY011211.D
Acq: 01 Nov 2022 10:04

Tgt Ion:105 Resp: 105190
Ion Ratio Lower Upper
105 100
120 49.5 24.4 73.4





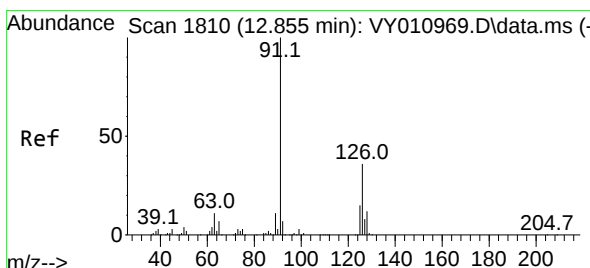
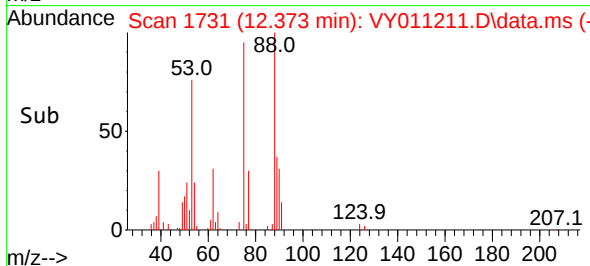
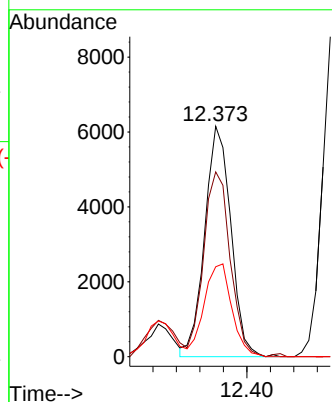
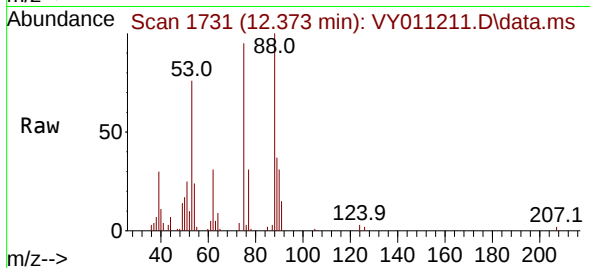
#81
trans-1,4-Dichloro-2-butene
Concen: 10.178 ug/l
RT: 12.373 min Scan# 1731
Delta R.T. -0.007 min
Lab File: VY011211.D
Acq: 01 Nov 2022 10:04

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tgt Ion: 75 Resp: 952
Ion Ratio Lower Upper
75 100
53 81.2 85.3 127.9
89 42.5 37.0 55.4

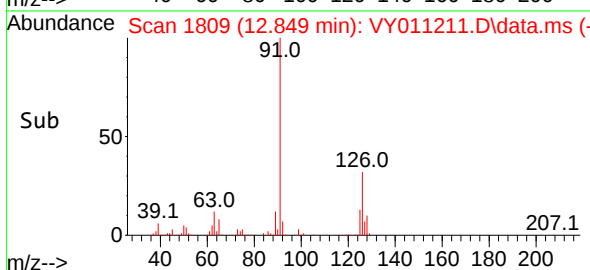
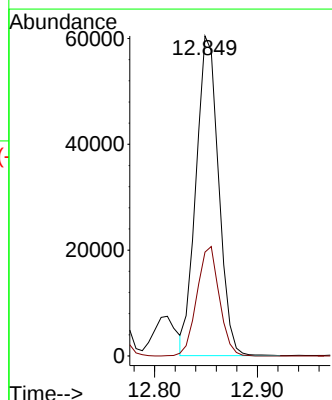
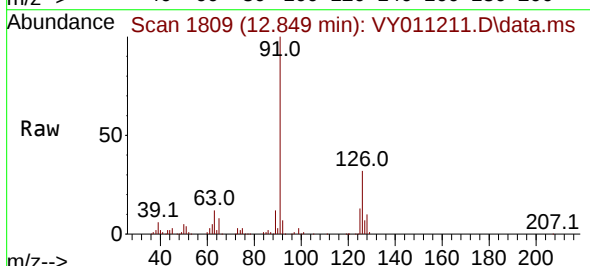
Manual Integrations
APPROVED

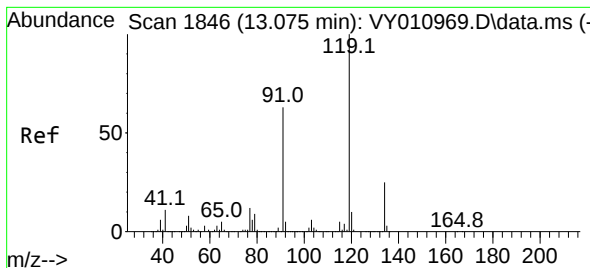
Reviewed By :Krupa Patel 11/02/2022
Supervised By :Mahesh Dadoda 11/02/2022



#82
4-Chlorotoluene
Concen: 10.052 ug/l
RT: 12.849 min Scan# 1809
Delta R.T. -0.006 min
Lab File: VY011211.D
Acq: 01 Nov 2022 10:04

Tgt Ion: 91 Resp: 92385
Ion Ratio Lower Upper
91 100
126 34.1 17.0 51.0





#83

tert-Butylbenzene

Concen: 9.563 ug/l

RT: 13.068 min Scan# 1846

Delta R.T. -0.007 min

Lab File: VY011211.D

Acq: 01 Nov 2022 10:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

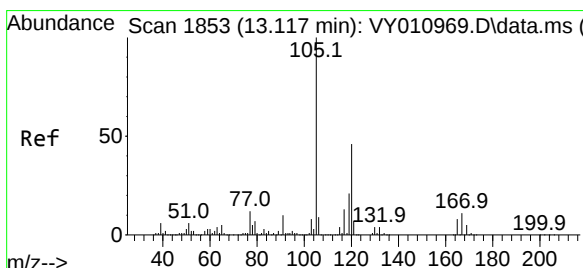
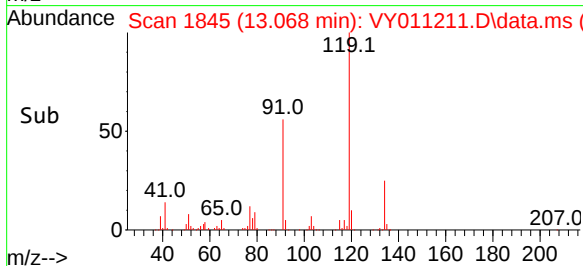
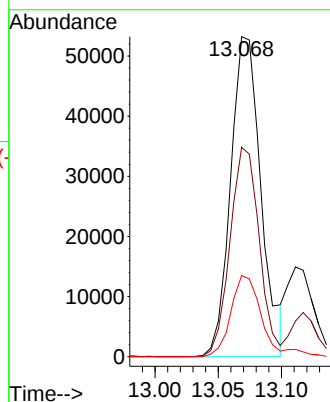
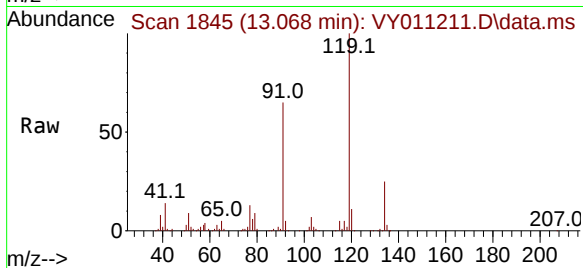
Tgt Ion:	119	Resp:	8888
Ion Ratio	Lower	Upper	
119	100		
91	62.9	34.8	104.4
134	26.0	13.3	39.9

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 11/02/2022

Supervised By :Mahesh Dadoda 11/02/2022



#84

1,2,4-Trimethylbenzene

Concen: 9.804 ug/l

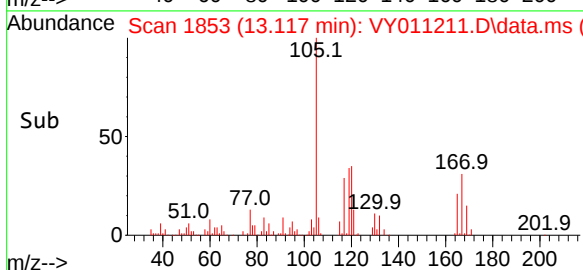
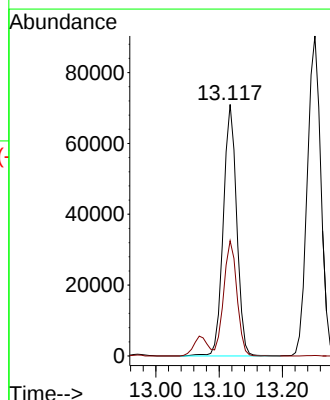
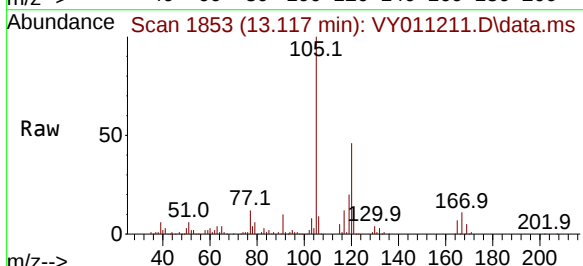
RT: 13.117 min Scan# 1853

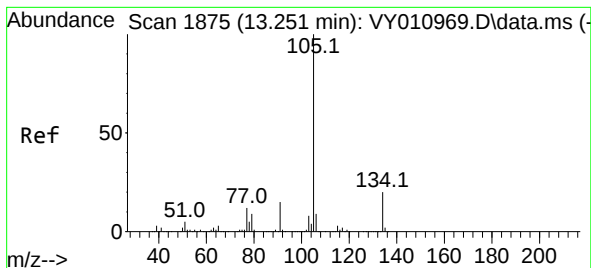
Delta R.T. 0.000 min

Lab File: VY011211.D

Acq: 01 Nov 2022 10:04

Tgt Ion:	105	Resp:	103920
Ion Ratio	Lower	Upper	
105	100		
120	45.0	22.3	66.9





#85

sec-Butylbenzene

Concen: 9.611 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY011211.D

Acq: 01 Nov 2022 10:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC010

Tgt Ion:105 Resp: 13424

Ion Ratio Lower Upper

105 100

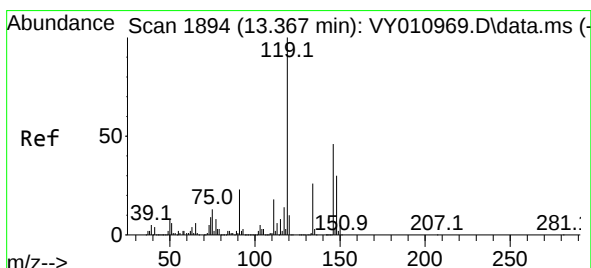
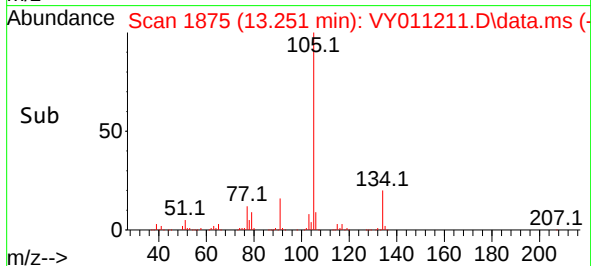
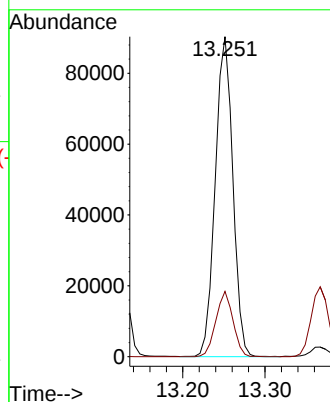
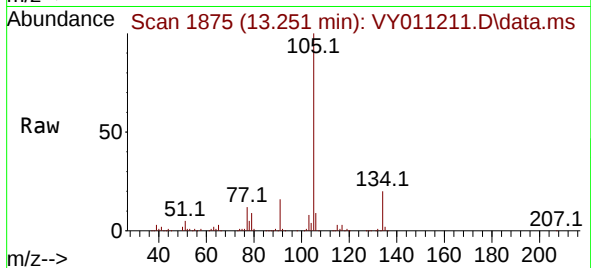
134 19.8 10.2 30.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 11/02/2022

Supervised By :Mahesh Dadoda 11/02/2022



#86

p-Isopropyltoluene

Concen: 9.495 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY011211.D

Acq: 01 Nov 2022 10:04

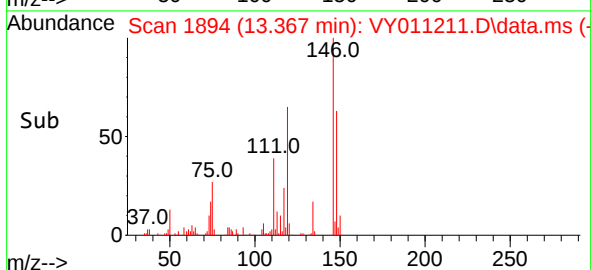
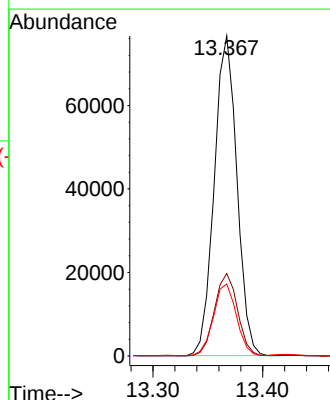
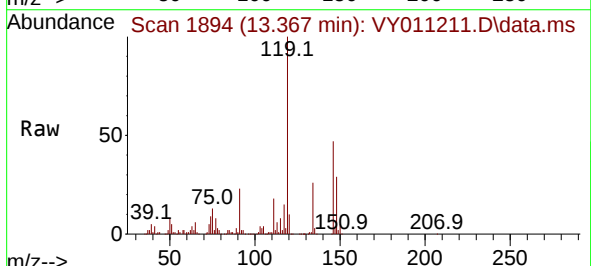
Tgt Ion:119 Resp: 110022

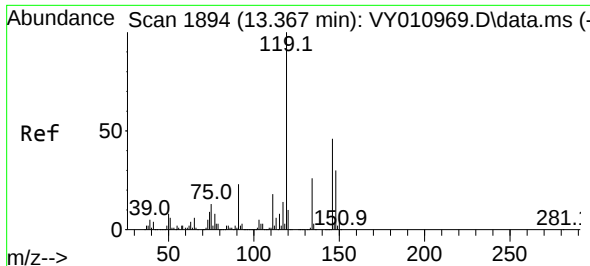
Ion Ratio Lower Upper

119 100

134 26.3 13.2 39.5

91 22.8 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 10.013 ug/l

RT: 13.361 min Scan# 1893

Delta R.T. -0.006 min

Lab File: VY011211.D

Acq: 01 Nov 2022 10:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

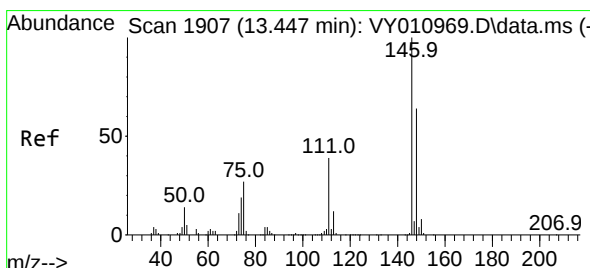
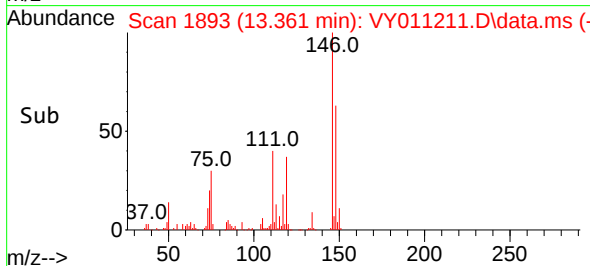
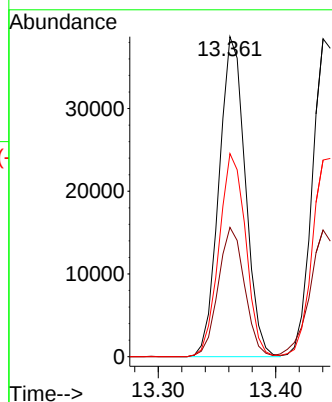
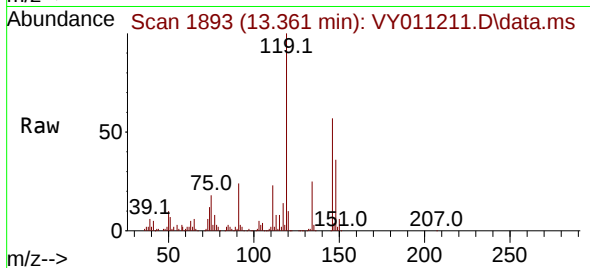
Tgt Ion:	146	Resp:	6017
Ion Ratio	Lower	Upper	
146	100		
111	40.5	19.5	58.5
148	64.5	31.6	95.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 11/02/2022

Supervised By :Mahesh Dadoda 11/02/2022



#88

1,4-Dichlorobenzene

Concen: 10.261 ug/l

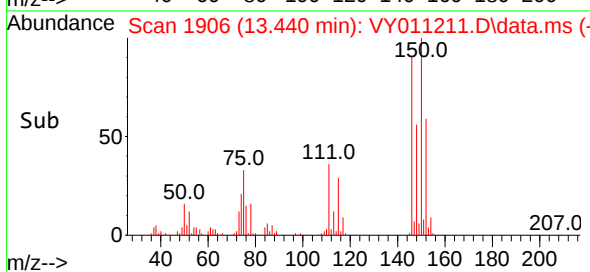
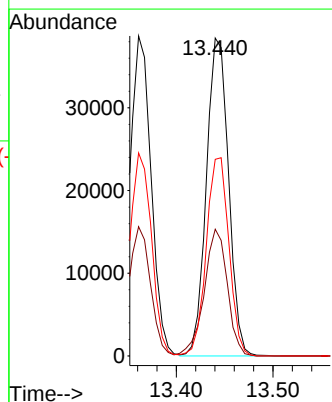
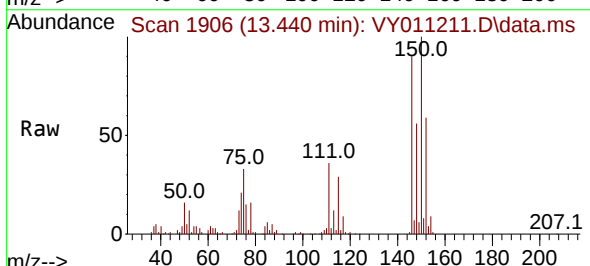
RT: 13.440 min Scan# 1906

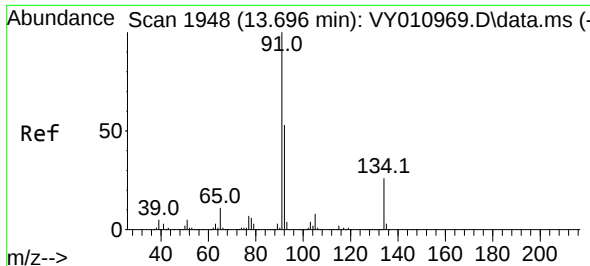
Delta R.T. -0.007 min

Lab File: VY011211.D

Acq: 01 Nov 2022 10:04

Tgt Ion:	146	Resp:	61317
Ion Ratio	Lower	Upper	
146	100		
111	41.6	19.3	57.8
148	63.7	32.6	97.8





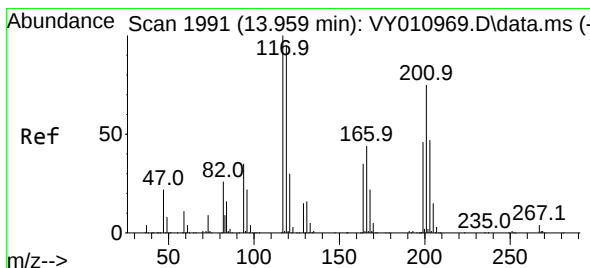
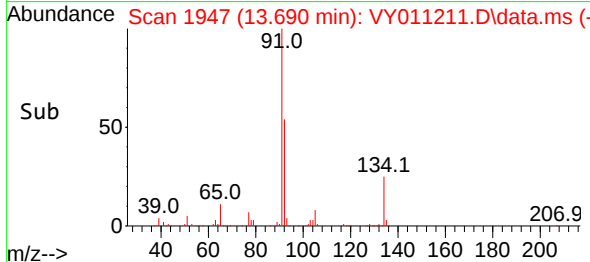
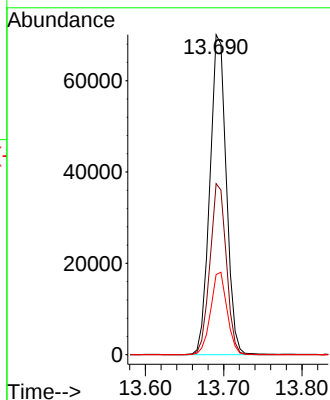
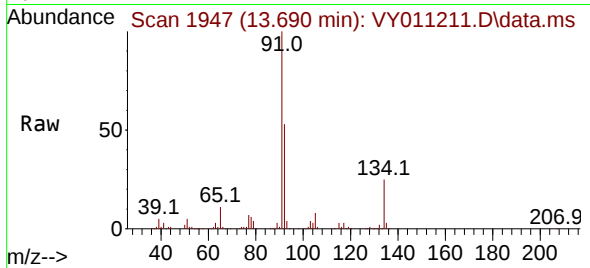
#89
n-Butylbenzene
Concen: 9.439 ug/l
RT: 13.690 min Scan# 1948
Delta R.T. -0.006 min
Lab File: VY011211.D
Acq: 01 Nov 2022 10:04

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tgt Ion: 91 Resp: 102200
Ion Ratio Lower Upper
91 100
92 53.0 26.3 78.9
134 25.8 13.0 38.9

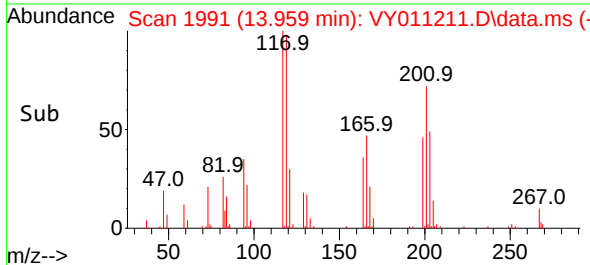
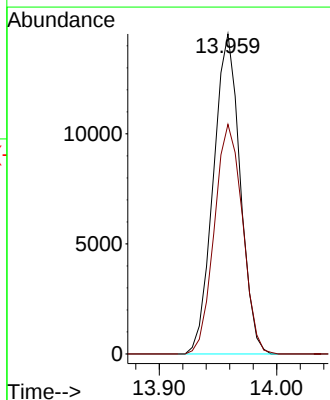
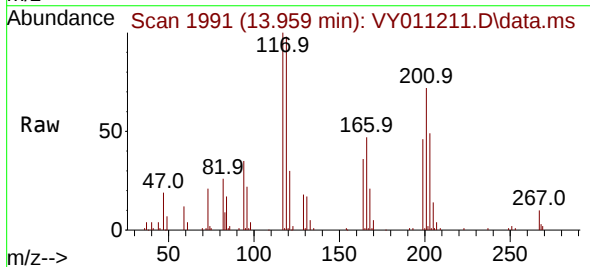
Manual Integrations
APPROVED

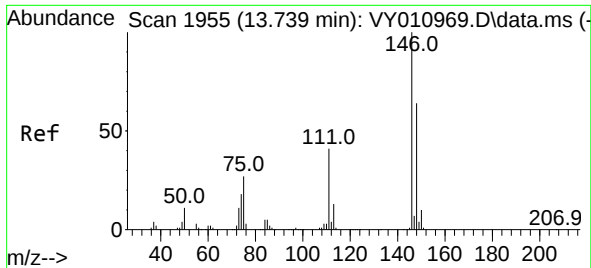
Reviewed By :Krupa Patel 11/02/2022
Supervised By :Mahesh Dadoda 11/02/2022



#90
Hexachloroethane
Concen: 10.063 ug/l
RT: 13.959 min Scan# 1991
Delta R.T. -0.000 min
Lab File: VY011211.D
Acq: 01 Nov 2022 10:04

Tgt Ion:117 Resp: 23012
Ion Ratio Lower Upper
117 100
201 75.4 43.0 128.8





#91

1,2-Dichlorobenzene

Concen: 10.089 ug/l

RT: 13.733 min Scan# 1954

Delta R.T. -0.006 min

Lab File: VY011211.D

Acq: 01 Nov 2022 10:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC010

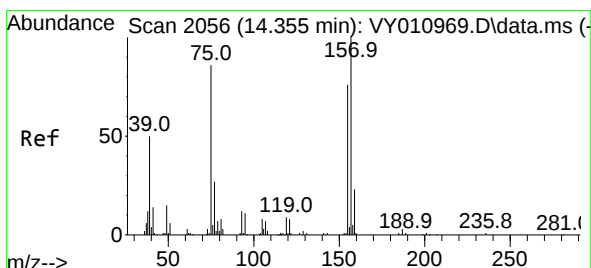
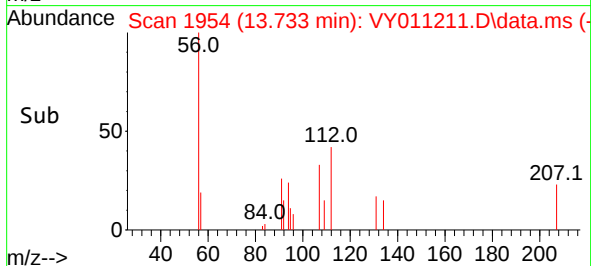
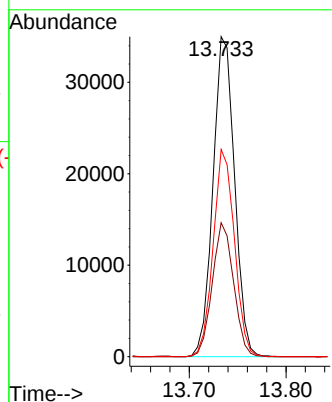
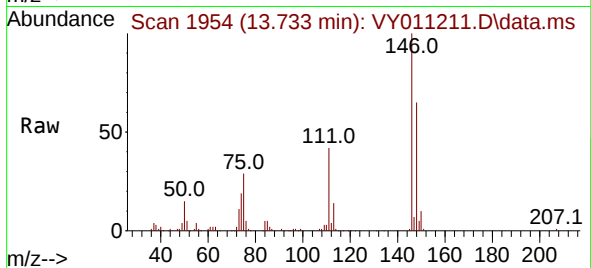
Tgt Ion:	146	Resp:	5424
Ion Ratio	Lower	Upper	
146	100		
111	41.4	20.3	60.9
148	63.8	32.3	96.9

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 11/02/2022

Supervised By :Mahesh Dadoda 11/02/2022



#92

1,2-Dibromo-3-Chloropropane

Concen: 10.174 ug/l

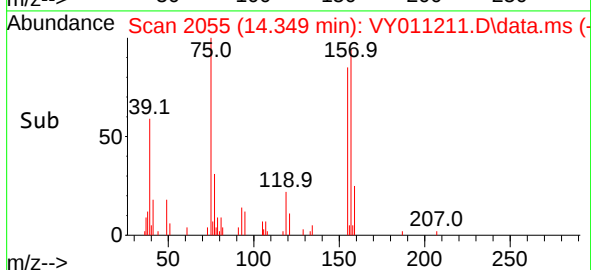
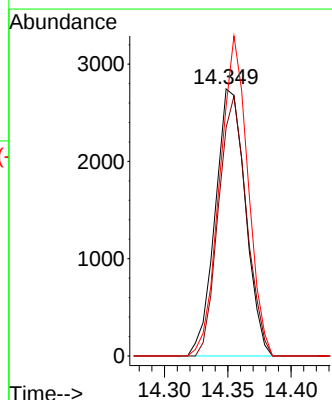
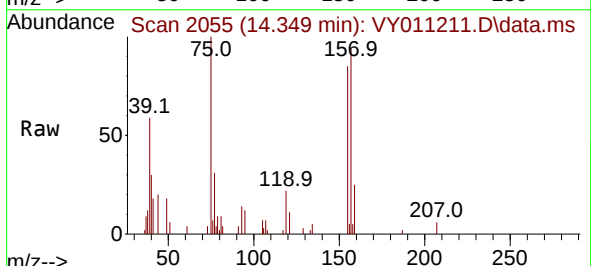
RT: 14.349 min Scan# 2055

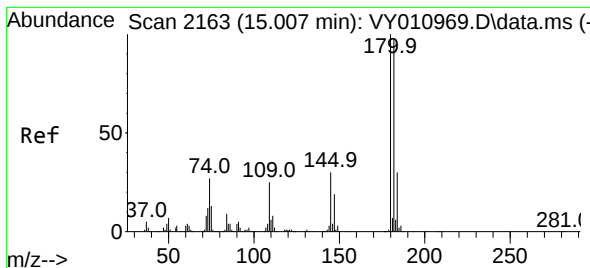
Delta R.T. -0.006 min

Lab File: VY011211.D

Acq: 01 Nov 2022 10:04

Tgt Ion:	75	Resp:	4548
Ion Ratio	Lower	Upper	
75	100		
155	90.3	38.0	113.9
157	111.4	47.8	143.3





#93

1,2,4-Trichlorobenzene

Concen: 9.513 ug/l

RT: 15.001 min Scan# 2162

Delta R.T. -0.006 min

Lab File: VY011211.D

Acq: 01 Nov 2022 10:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC010

Tgt Ion:180 Resp: 3057

Ion Ratio Lower Upper

180 100

182 95.9 47.3 141.9

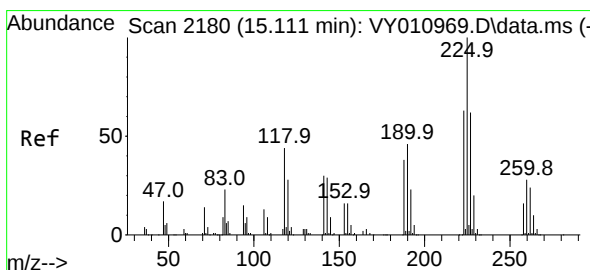
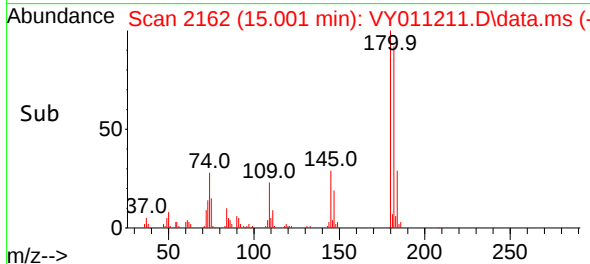
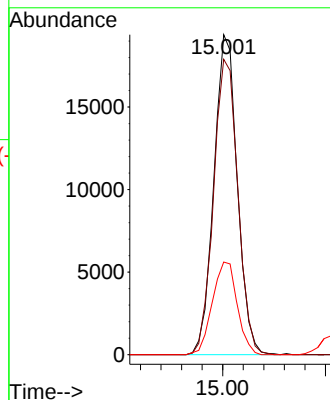
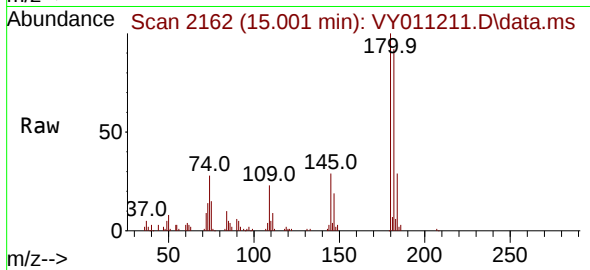
145 30.7 14.6 43.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 11/02/2022

Supervised By :Mahesh Dadoda 11/02/2022



#94

Hexachlorobutadiene

Concen: 9.726 ug/l

RT: 15.105 min Scan# 2179

Delta R.T. -0.006 min

Lab File: VY011211.D

Acq: 01 Nov 2022 10:04

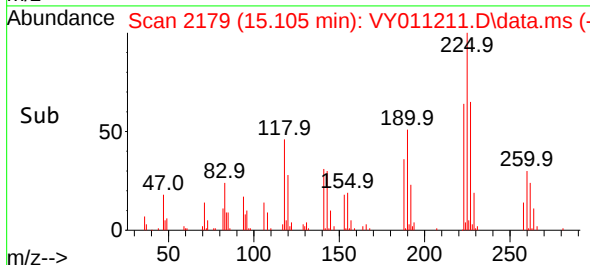
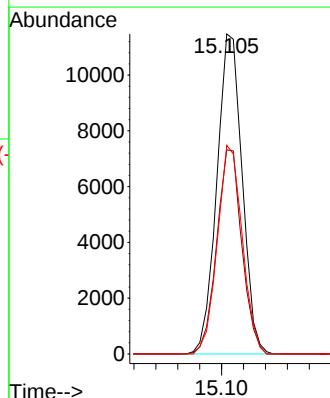
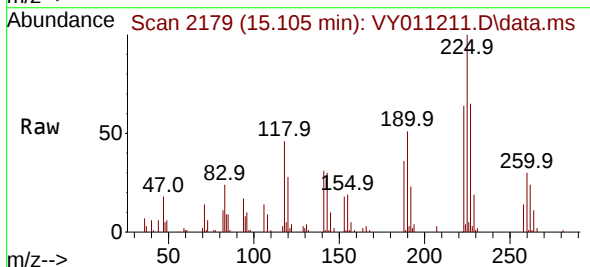
Tgt Ion:225 Resp: 18397

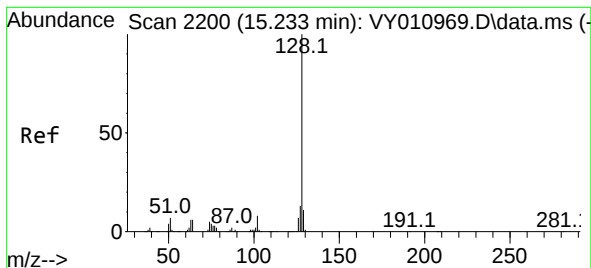
Ion Ratio Lower Upper

225 100

223 63.4 30.8 92.3

227 64.1 31.6 94.7





#95

Naphthalene

Concen: 9.028 ug/l

RT: 15.233 min Scan# 2111

Delta R.T. -0.000 min

Lab File: VY011211.D

Acq: 01 Nov 2022 10:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

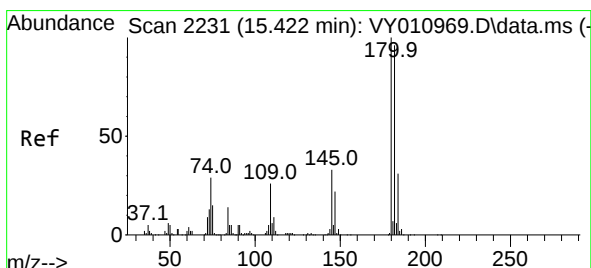
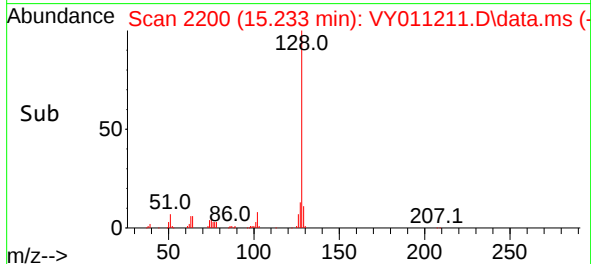
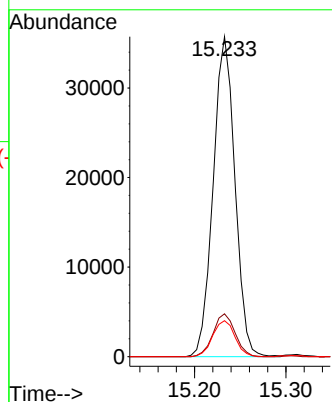
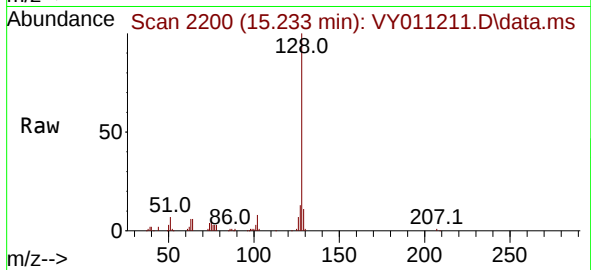
Tgt Ion:128	Resp:	5908
Ion Ratio	Lower	Upper
128	100	
127	13.6	11.0 16.4
129	11.5	8.4 12.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 11/02/2022

Supervised By :Mahesh Dadoda 11/02/2022



#96

1,2,3-Trichlorobenzene

Concen: 9.543 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY011211.D

Acq: 01 Nov 2022 10:04

Tgt Ion:180	Resp:	26756
Ion Ratio	Lower	Upper
180	100	
182	95.7	47.3 141.9
145	33.6	15.3 45.9

