

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040323\
 Data File : VY013165.D
 Acq On : 03 Apr 2023 10:21
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 04/04/2023
 Supervised By :Mahesh Dadoda 04/04/2023

Quant Time: Apr 03 23:04:55 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y033023S.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 03 13:40:57 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	136973	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	197073	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	176742	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	91082	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	67181	45.638	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	91.280%		
35) Dibromofluoromethane	7.722	113	63187	49.081	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	98.160%		
50) Toluene-d8	10.179	98	244235	50.252	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	100.500%		
62) 4-Bromofluorobenzene	12.483	95	80043	50.596	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	101.200%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	62896	46.841	ug/l	97
3) Chloromethane	2.113	50	56226	40.154	ug/l	98
4) Vinyl Chloride	2.253	62	58431	41.620	ug/l	99
5) Bromomethane	2.656	94	43672	44.079	ug/l	96
6) Chloroethane	2.796	64	37719	42.891	ug/l	100
7) Trichlorofluoromethane	3.131	101	121150	48.487	ug/l	99
8) Diethyl Ether	3.534	74	37451	47.732	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.905	101	64262	46.650	ug/l	95
10) Methyl Iodide	4.094	142	93752	52.264	ug/l	99
11) Tert butyl alcohol	4.948	59	30234	227.884	ug/l	99
12) 1,1-Dichloroethene	3.875	96	63661	47.806	ug/l	93
13) Acrolein	3.729	56	41773	224.364	ug/l	99
14) Allyl chloride	4.485	41	102445	45.151	ug/l	94
15) Acrylonitrile	5.167	53	87360	224.067	ug/l	98
16) Acetone	3.948	43	126659	281.387	ug/l	97
17) Carbon Disulfide	4.198	76	198959	44.864	ug/l	99
18) Methyl Acetate	4.485	43	62412	44.005	ug/l	95
19) Methyl tert-butyl Ether	5.222	73	167689	49.694	ug/l	96
20) Methylene Chloride	4.716	84	73763	47.166	ug/l	91
21) trans-1,2-Dichloroethene	5.222	96	71401	47.588	ug/l	94
22) Diisopropyl ether	6.118	45	199360	44.972	ug/l	94
23) Vinyl Acetate	6.064	43	578753	229.585	ug/l	97
24) 1,1-Dichloroethane	6.021	63	119877	45.660	ug/l	100
25) 2-Butanone	6.984	43	138643	246.329	ug/l	98
26) 2,2-Dichloropropane	6.984	77	113824	48.202	ug/l	99
27) cis-1,2-Dichloroethene	6.984	96	78619	48.638	ug/l	96
28) Bromochloromethane	7.332	49	50090	44.463	ug/l	86
29) Tetrahydrofuran	7.350	42	72770	218.411	ug/l	93
30) Chloroform	7.508	83	127500	46.897	ug/l	98
31) Cyclohexane	7.783	56	103039	42.877	ug/l	91
32) 1,1,1-Trichloroethane	7.704	97	118840	49.439	ug/l	99
36) 1,1-Dichloropropene	7.917	75	95941	49.502	ug/l	98
37) Ethyl Acetate	7.069	43	49355	44.829	ug/l	98
38) Carbon Tetrachloride	7.905	117	112060	52.402	ug/l	97
39) Methylcyclohexane	9.185	83	114454	50.337	ug/l	98
40) Benzene	8.161	78	275145	49.152	ug/l	100

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	21134m	43.270	ug/l	
42) 1,2-Dichloroethane	8.234	62	85006	49.565	ug/l	100
43) Isopropyl Acetate	8.270	43	93546	47.468	ug/l	96
44) Trichloroethene	8.941	130	78225	50.763	ug/l	99
45) 1,2-Dichloropropane	9.215	63	65720	46.885	ug/l	97
46) Dibromomethane	9.307	93	40171	49.887	ug/l	94
47) Bromodichloromethane	9.496	83	97326	50.092	ug/l #	99
48) Methyl methacrylate	9.295	41	43621	47.527	ug/l	93
49) 1,4-Dioxane	9.295	88	9978	1041.595	ug/l	90
51) 4-Methyl-2-Pentanone	10.069	43	252833	237.720	ug/l	97
52) Toluene	10.246	92	176004	50.687	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	100508	50.609	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	112214	49.474	ug/l	98
55) 1,1,2-Trichloroethane	10.642	97	55871	50.195	ug/l	94
56) Ethyl methacrylate	10.514	69	72441	51.763	ug/l	96
57) 1,3-Dichloropropane	10.788	76	92288	49.114	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	151061	230.850	ug/l	94
59) 2-Hexanone	10.831	43	205108	266.650	ug/l	98
60) Dibromochloromethane	10.983	129	72890	52.139	ug/l	99
61) 1,2-Dibromoethane	11.093	107	53761	49.849	ug/l	99
64) Tetrachloroethene	10.721	164	71469	52.599	ug/l	97
65) Chlorobenzene	11.520	112	189660	50.548	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.593	131	73133	51.991	ug/l	99
67) Ethyl Benzene	11.593	91	337033	52.008	ug/l	98
68) m/p-Xylenes	11.703	106	265254	105.812	ug/l	100
69) o-Xylene	12.032	106	125731	54.073	ug/l	96
70) Styrene	12.044	104	213068	54.778	ug/l	99
71) Bromoform	12.209	173	48163	55.217	ug/l #	96
73) Isopropylbenzene	12.331	105	330668	52.594	ug/l	99
74) N-amyl acetate	12.142	43	83954	48.634	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.581	83	63262	48.036	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	43002m	42.027	ug/l	
77) Bromobenzene	12.611	156	81543	52.167	ug/l	91
78) n-propylbenzene	12.672	91	392057	50.716	ug/l	98
79) 2-Chlorotoluene	12.757	91	220735	50.321	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	276136	52.533	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	22697	49.469	ug/l	97
82) 4-Chlorotoluene	12.855	91	230350	50.457	ug/l	99
83) tert-Butylbenzene	13.075	119	239853	53.125	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	272461	52.929	ug/l	99
85) sec-Butylbenzene	13.257	105	354805	52.047	ug/l	100
86) p-Isopropyltoluene	13.373	119	299668	53.397	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	159892	51.601	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	159390	51.333	ug/l	99
89) n-Butylbenzene	13.696	91	267888	51.062	ug/l	98
90) Hexachloroethane	13.965	117	58665	50.180	ug/l	95
91) 1,2-Dichlorobenzene	13.739	146	141961	51.300	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	10629	48.502	ug/l	92
93) 1,2,4-Trichlorobenzene	15.007	180	89159	55.249	ug/l	99
94) Hexachlorobutadiene	15.117	225	52940	53.340	ug/l	99
95) Naphthalene	15.239	128	172867	50.536	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	78898	55.492	ug/l	99

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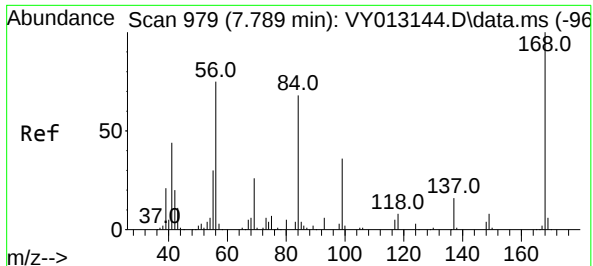
Manual Integrations
APPROVED

Reviewed By :Krupa Patel 04/04/2023
Supervised By :Mahesh Dadoda 04/04/2023

Quant Time: Apr 03 23:04:55 2023
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Quant Title : SW846 8260
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Response via : Initial Calibration

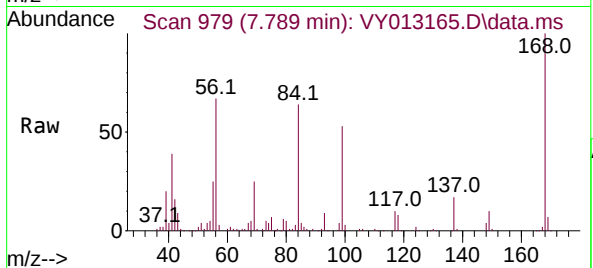
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
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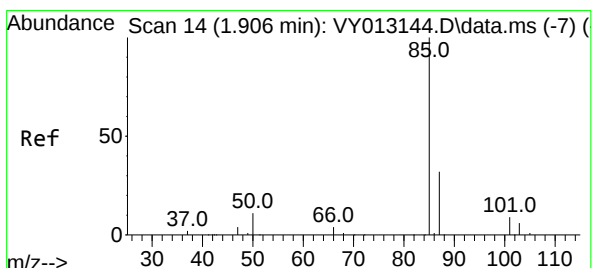
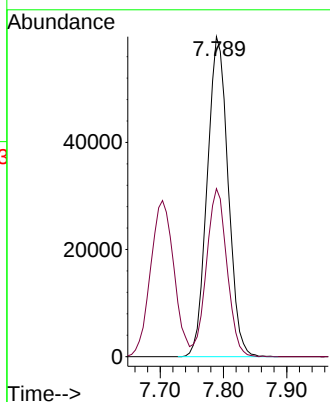
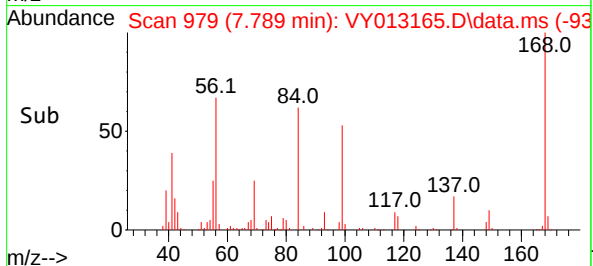
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 13697
Ion Ratio Lower Upper
168 100
99 52.5 41.7 62.5

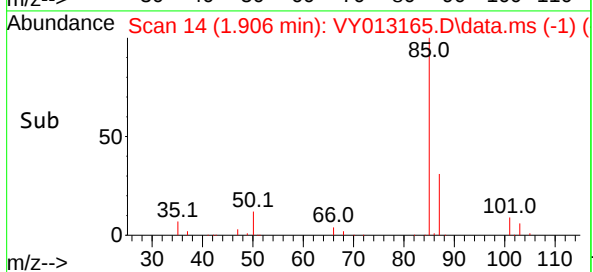
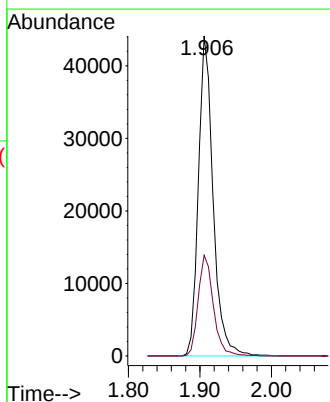
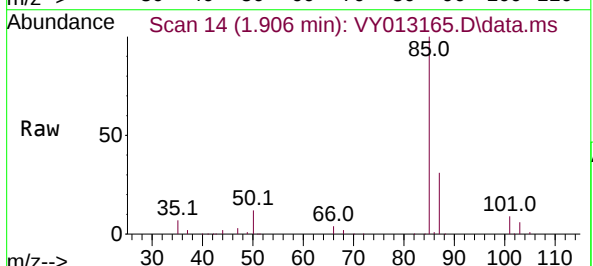
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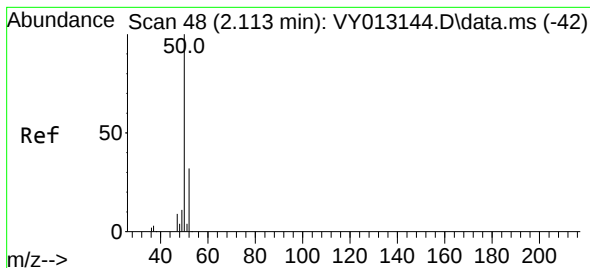
Reviewed By :Krupa Patel 04/04/2023
Supervised By :Mahesh Dadoda 04/04/2023



#2
Dichlorodifluoromethane
Concen: 46.841 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY013165.D
Acq: 03 Apr 2023 10:21

Tgt Ion: 85 Resp: 62896
Ion Ratio Lower Upper
85 100
87 31.5 16.7 50.0





#3

Chloromethane

Concen: 40.154 ug/l

RT: 2.113 min Scan# 48

Delta R.T. 0.000 min

Lab File: VY013165.D

Acq: 03 Apr 2023 10:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 50 Resp: 56220

Ion Ratio Lower Upper

50 100

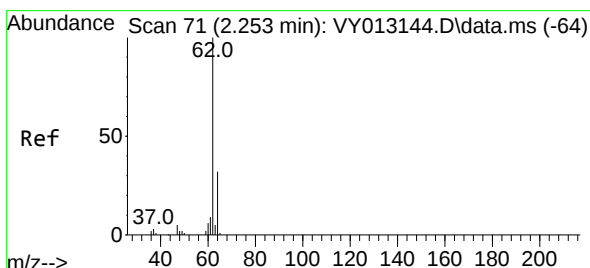
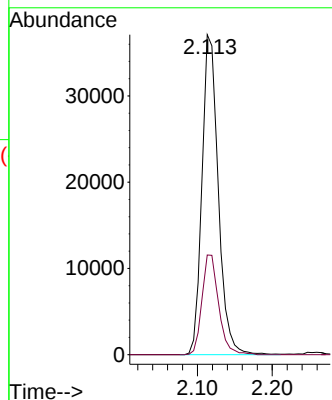
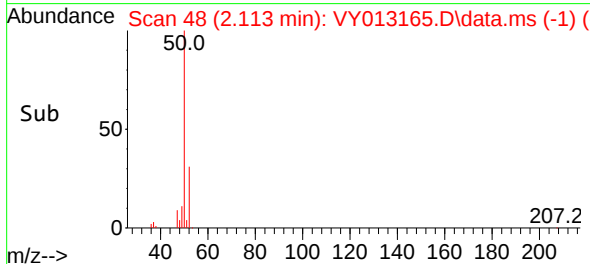
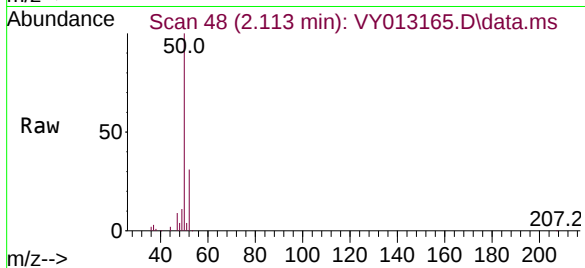
52 31.1 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/04/2023

Supervised By :Mahesh Dadoda 04/04/2023



#4

Vinyl Chloride

Concen: 41.620 ug/l

RT: 2.253 min Scan# 71

Delta R.T. 0.000 min

Lab File: VY013165.D

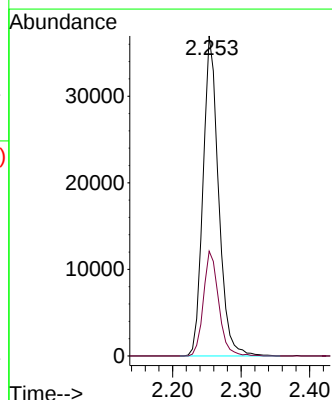
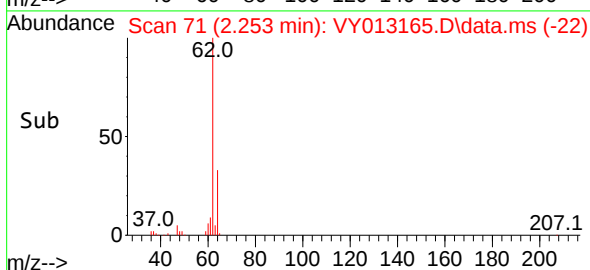
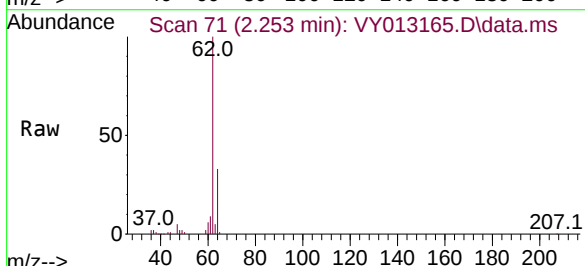
Acq: 03 Apr 2023 10:21

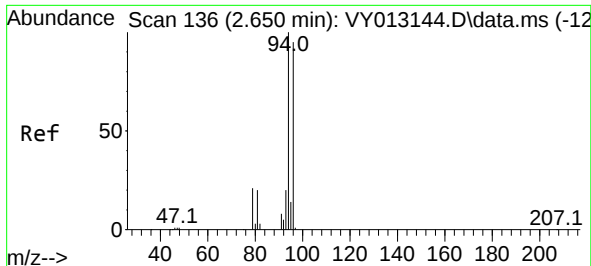
Tgt Ion: 62 Resp: 58431

Ion Ratio Lower Upper

62 100

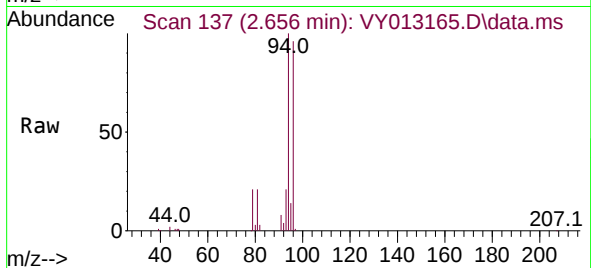
64 32.8 25.6 38.4





#5
Bromomethane
Concen: 44.079 ug/l
RT: 2.656 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY013165.D
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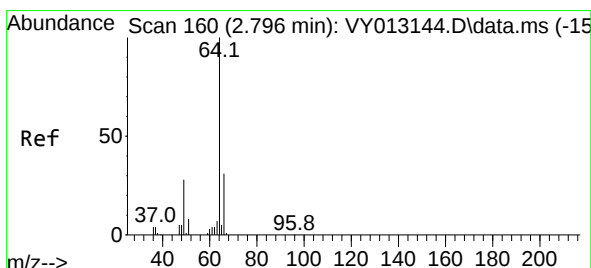
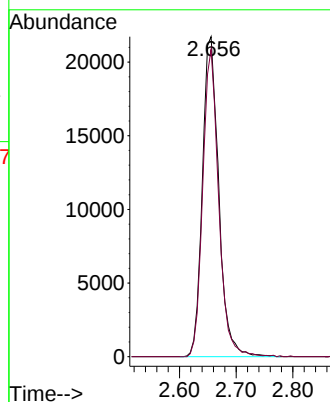
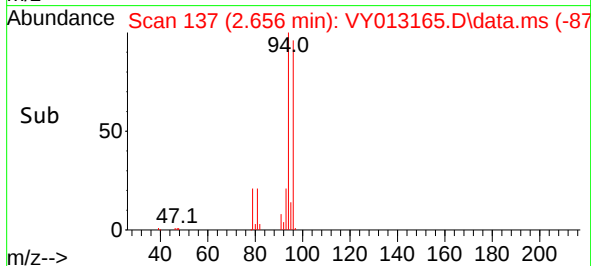
Instrument :
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Tgt Ion: 94 Resp: 43672
Ion Ratio Lower Upper
94 100
96 96.1 80.3 120.5

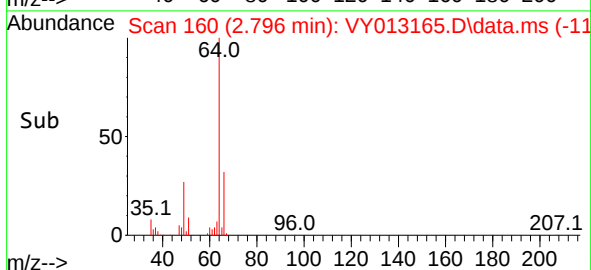
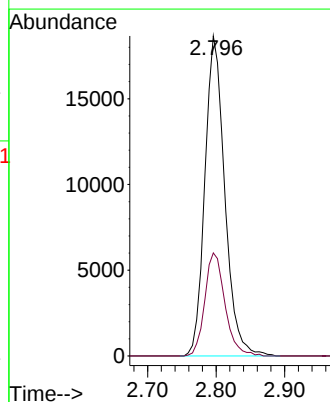
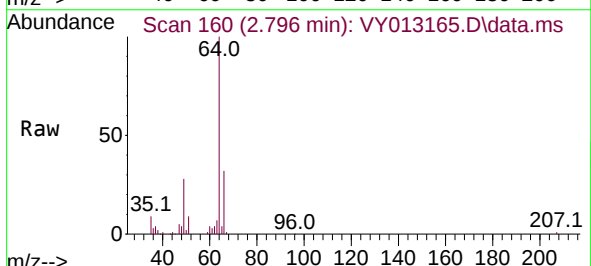
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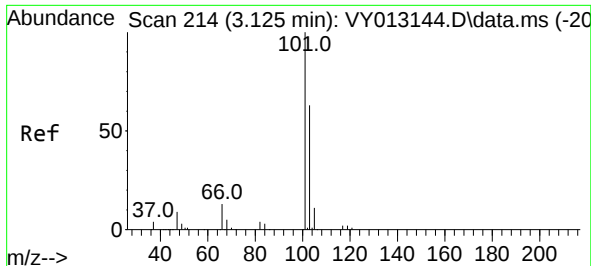
Reviewed By :Krupa Patel 04/04/2023
Supervised By :Mahesh Dadoda 04/04/2023



#6
Chloroethane
Concen: 42.891 ug/l
RT: 2.796 min Scan# 160
Delta R.T. -0.000 min
Lab File: VY013165.D
Acq: 03 Apr 2023 10:21

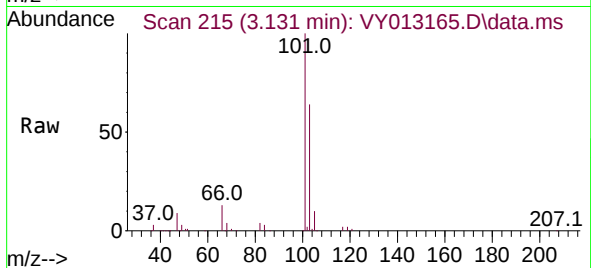
Tgt Ion: 64 Resp: 37719
Ion Ratio Lower Upper
64 100
66 32.2 25.7 38.5





#7
Trichlorofluoromethane
Concen: 48.487 ug/l
RT: 3.131 min Scan# 214
Delta R.T. 0.006 min
Lab File: VY013165.D
Acq: 03 Apr 2023 10:21

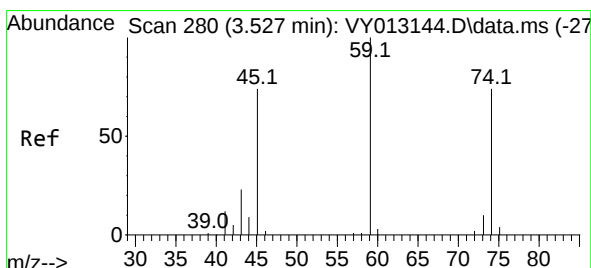
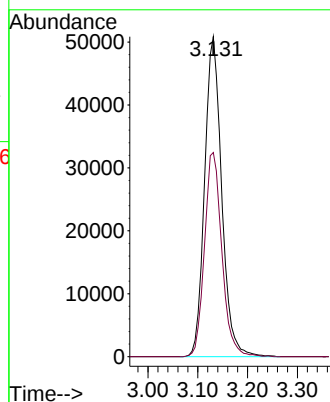
Instrument :
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Tgt Ion:101 Resp: 121150
Ion Ratio Lower Upper
101 100
103 63.8 51.5 77.3

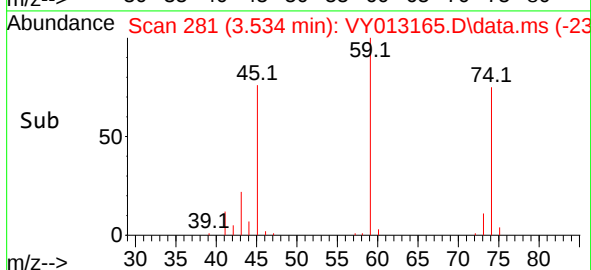
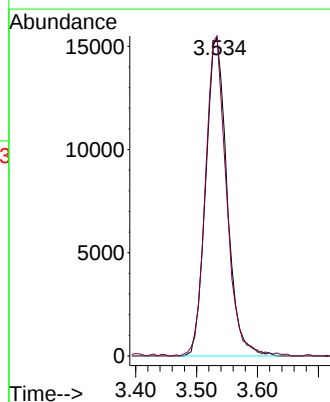
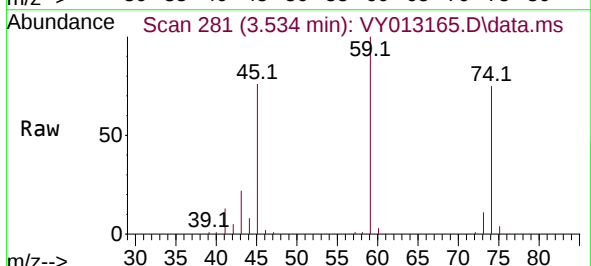
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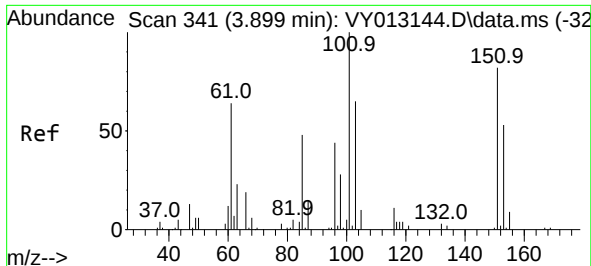
Reviewed By :Krupa Patel 04/04/2023
Supervised By :Mahesh Dadoda 04/04/2023



#8
Diethyl Ether
Concen: 47.732 ug/l
RT: 3.534 min Scan# 281
Delta R.T. 0.007 min
Lab File: VY013165.D
Acq: 03 Apr 2023 10:21

Tgt Ion: 74 Resp: 37451
Ion Ratio Lower Upper
74 100
45 99.1 52.1 156.4





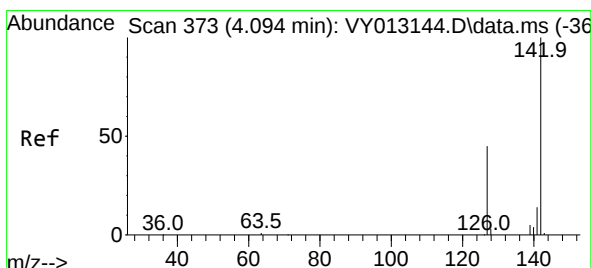
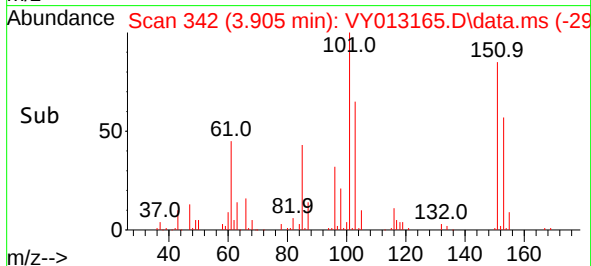
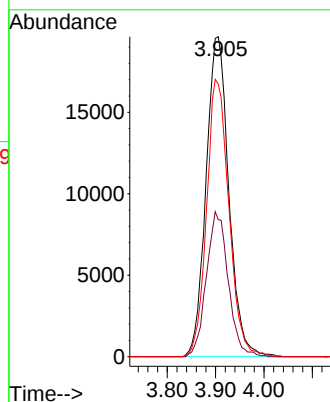
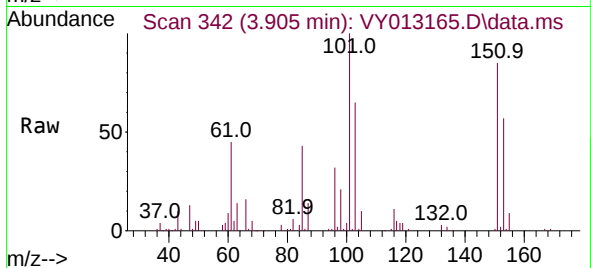
#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.650 ug/l
RT: 3.905 min Scan# 341
Delta R.T. 0.006 min
Lab File: VY013165.D
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Instrument :
MSVOA_Y
ClientSampleId :
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Tgt Ion:101 Resp: 6426
Ion Ratio Lower Upper
101 100
85 43.3 35.3 52.9
151 84.8 63.1 94.7

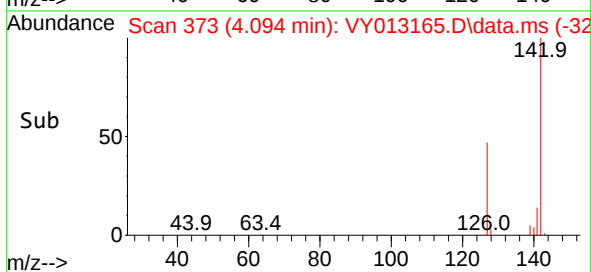
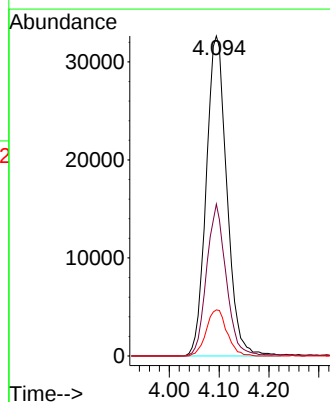
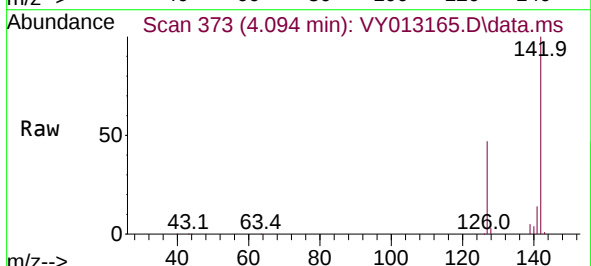
Manual Integrations
APPROVED

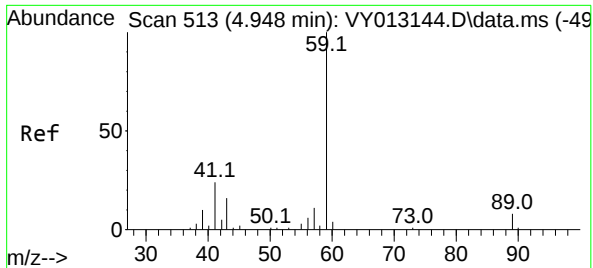
Reviewed By :Krupa Patel 04/04/2023
Supervised By :Mahesh Dadoda 04/04/2023



#10
Methyl Iodide
Concen: 52.264 ug/l
RT: 4.094 min Scan# 373
Delta R.T. 0.000 min
Lab File: VY013165.D
Acq: 03 Apr 2023 10:21

Tgt Ion:142 Resp: 93752
Ion Ratio Lower Upper
142 100
127 45.2 35.4 53.2
141 14.5 11.3 16.9





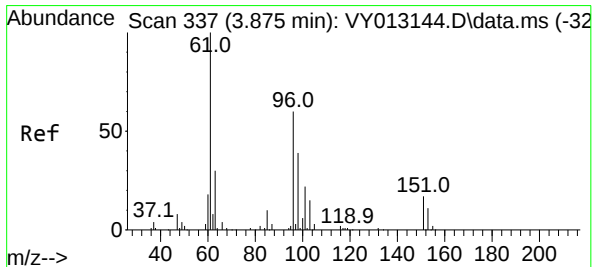
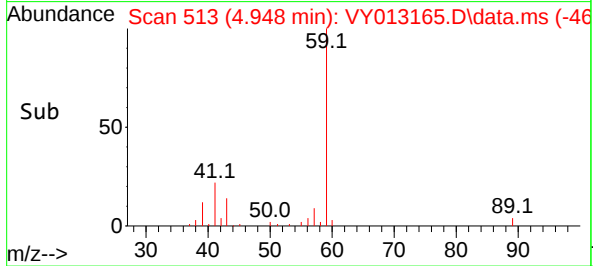
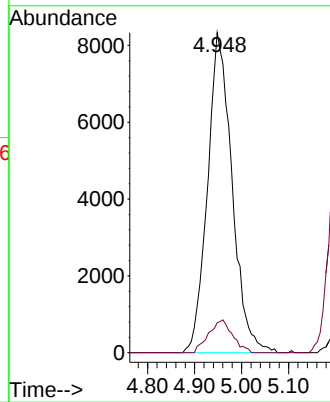
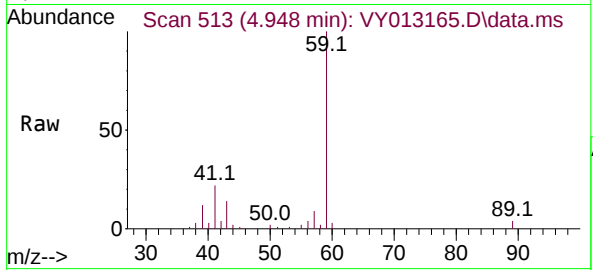
#11
Tert butyl alcohol
Concen: 227.884 ug/l
RT: 4.948 min Scan# 513
Delta R.T. -0.000 min
Lab File: VY013165.D
Acq: 03 Apr 2023 10:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 30234
Ion Ratio Lower Upper
59 100
57 9.9 7.7 11.5

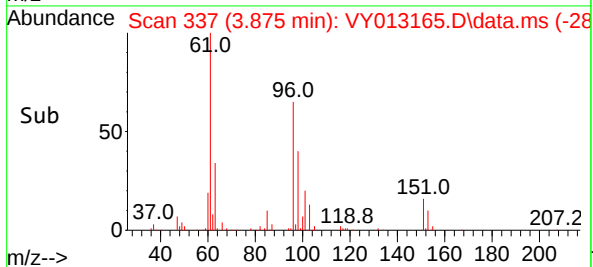
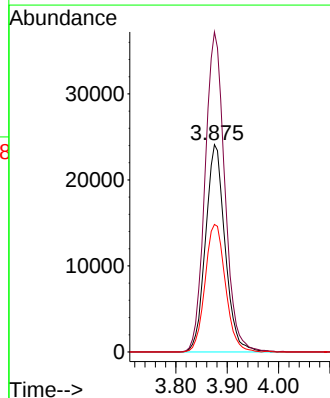
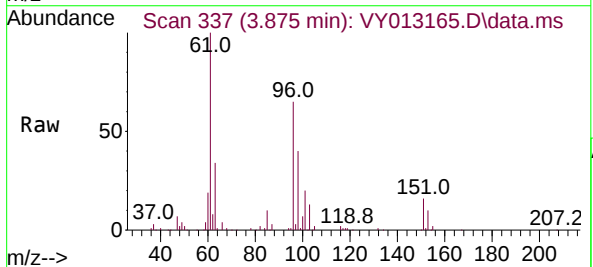
Manual Integrations
APPROVED

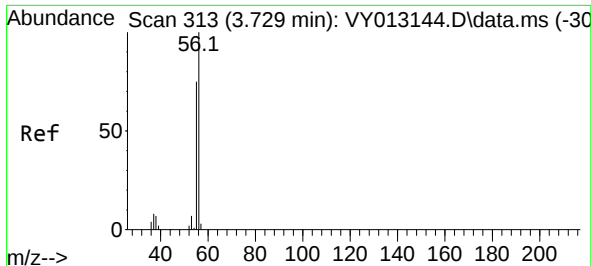
Reviewed By :Krupa Patel 04/04/2023
Supervised By :Mahesh Dadoda 04/04/2023



#12
1,1-Dichloroethene
Concen: 47.806 ug/l
RT: 3.875 min Scan# 337
Delta R.T. -0.000 min
Lab File: VY013165.D
Acq: 03 Apr 2023 10:21

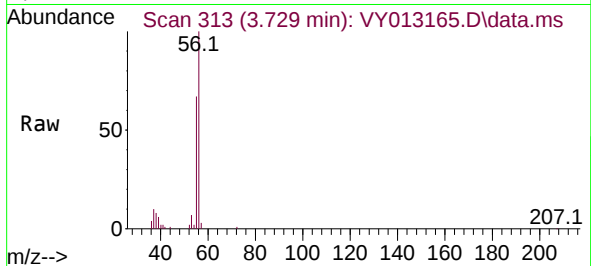
Tgt Ion: 96 Resp: 63661
Ion Ratio Lower Upper
96 100
61 154.3 131.7 197.5
98 61.5 52.0 78.0





#13
Acrolein
Concen: 224.364 ug/l
RT: 3.729 min Scan# 313
Delta R.T. -0.000 min
Lab File: VY013165.D
Acq: 03 Apr 2023 10:21

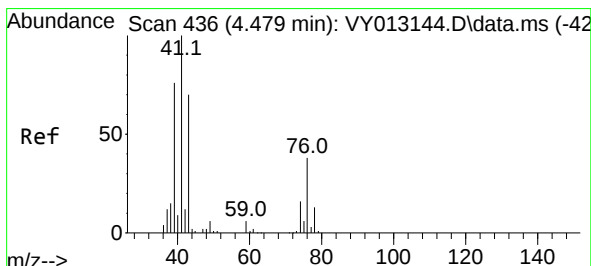
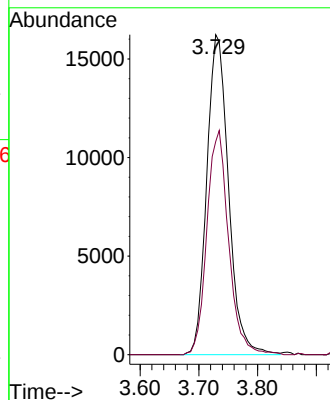
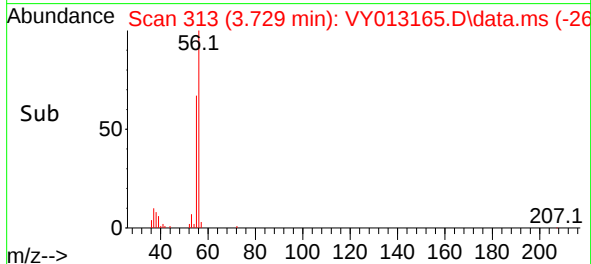
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 4177
Ion Ratio Lower Upper
56 100
55 70.0 56.8 85.2

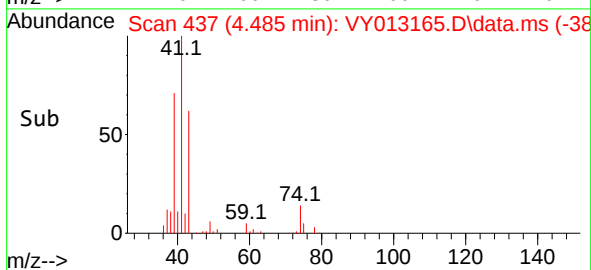
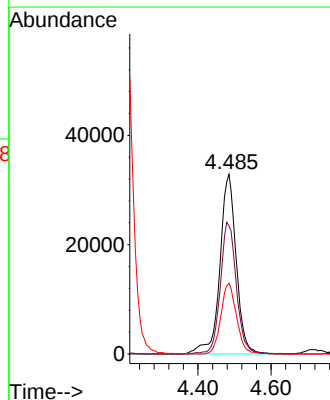
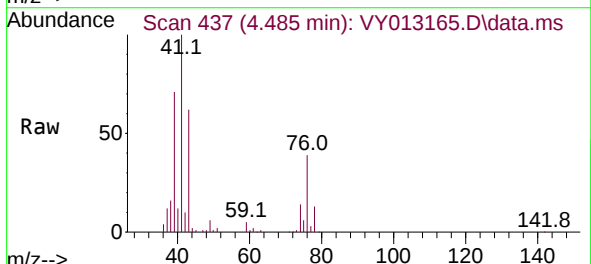
Manual Integrations
APPROVED

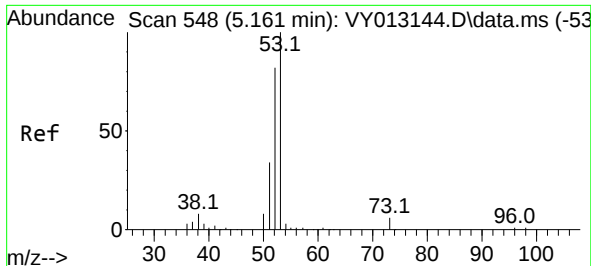
Reviewed By :Krupa Patel 04/04/2023
Supervised By :Mahesh Dadoda 04/04/2023



#14
Allyl chloride
Concen: 45.151 ug/l
RT: 4.485 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY013165.D
Acq: 03 Apr 2023 10:21

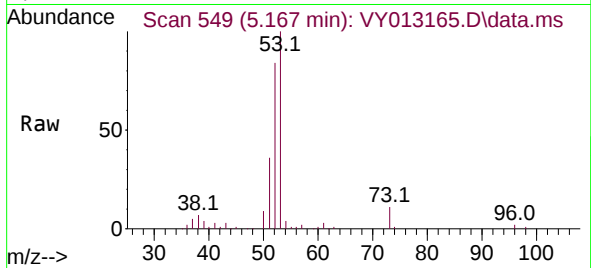
Tgt Ion: 41 Resp: 102445
Ion Ratio Lower Upper
41 100
39 71.8 53.6 80.4
76 37.5 27.2 40.8





#15
Acrylonitrile
Concen: 224.067 ug/l
RT: 5.167 min Scan# 548
Delta R.T. 0.006 min
Lab File: VY013165.D
Acq: 03 Apr 2023 10:21

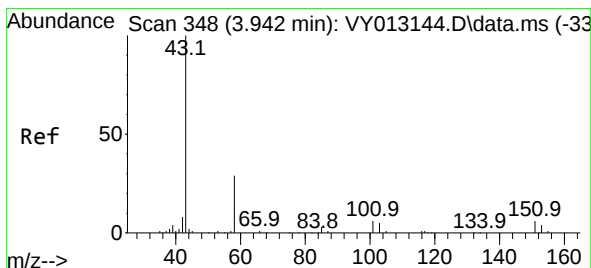
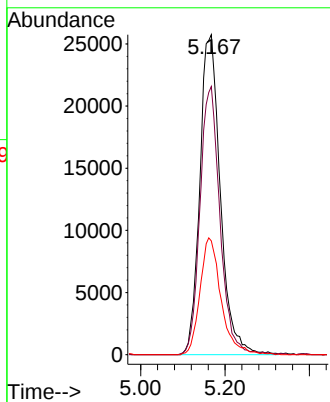
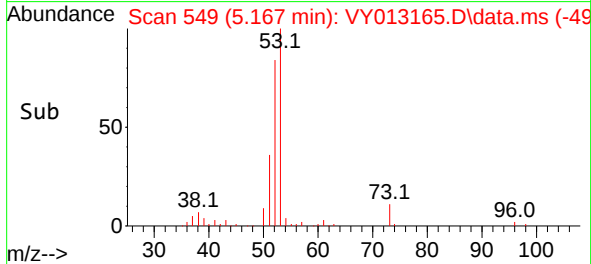
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



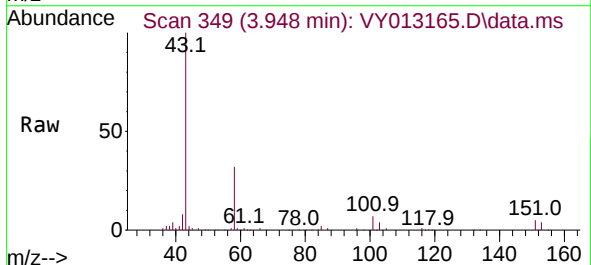
Tgt Ion: 53 Resp: 87360
Ion Ratio Lower Upper
53 100
52 81.4 66.3 99.5
51 37.5 28.8 43.2

Manual Integrations
APPROVED

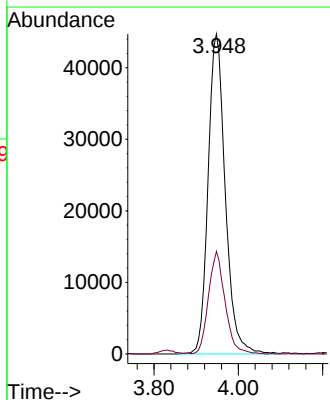
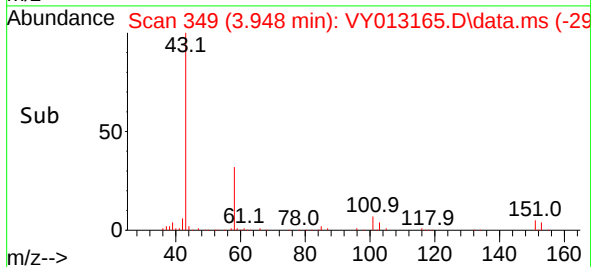
Reviewed By :Krupa Patel 04/04/2023
Supervised By :Mahesh Dadoda 04/04/2023

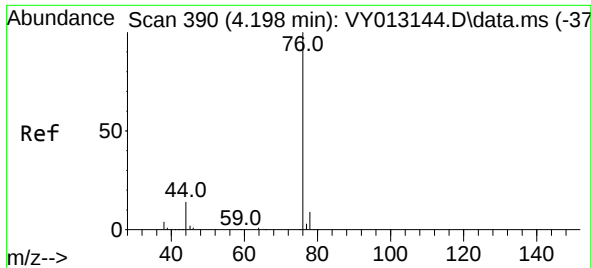


#16
Acetone
Concen: 281.387 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY013165.D
Acq: 03 Apr 2023 10:21



Tgt Ion: 43 Resp: 126659
Ion Ratio Lower Upper
43 100
58 32.1 24.2 36.2





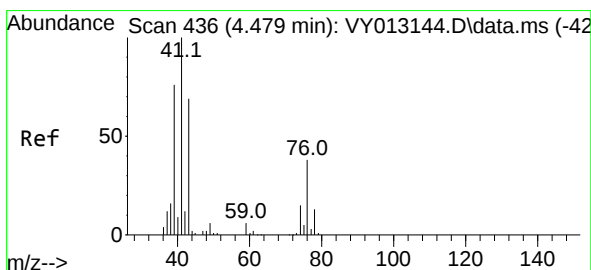
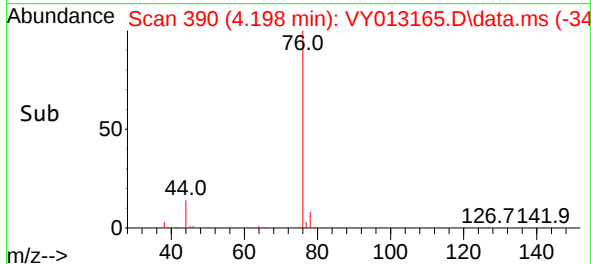
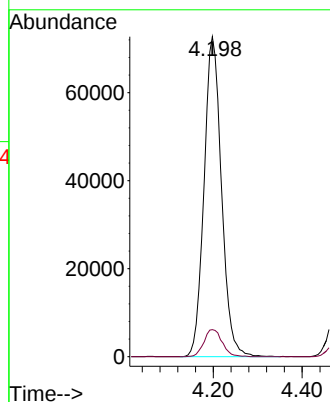
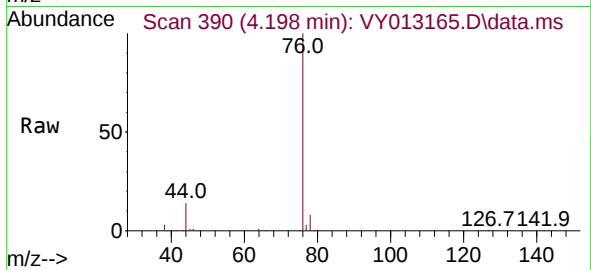
#17
Carbon Disulfide
Concen: 44.864 ug/l
RT: 4.198 min Scan# 390
Delta R.T. 0.000 min
Lab File: VY013165.D
Acq: 03 Apr 2023 10:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 198959
Ion Ratio Lower Upper
76 100
78 8.5 7.1 10.7

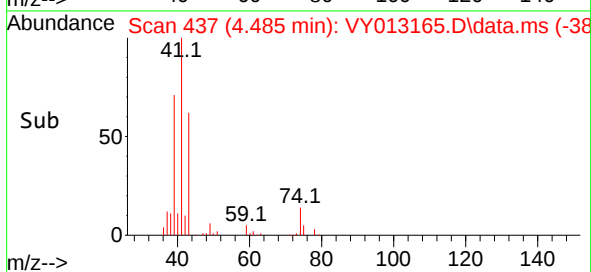
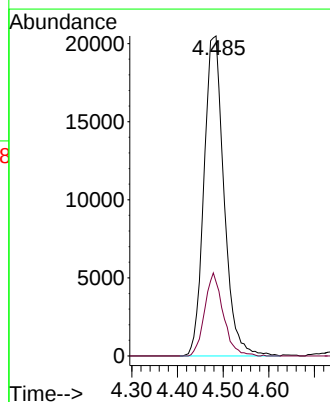
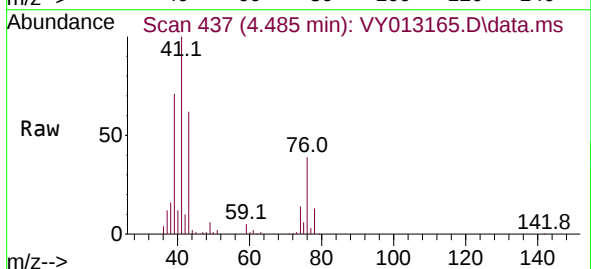
Manual Integrations
APPROVED

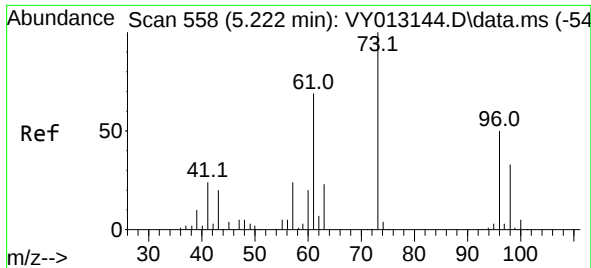
Reviewed By :Krupa Patel 04/04/2023
Supervised By :Mahesh Dadoda 04/04/2023



#18
Methyl Acetate
Concen: 44.005 ug/l
RT: 4.485 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY013165.D
Acq: 03 Apr 2023 10:21

Tgt Ion: 43 Resp: 62412
Ion Ratio Lower Upper
43 100
74 24.1 17.4 26.0





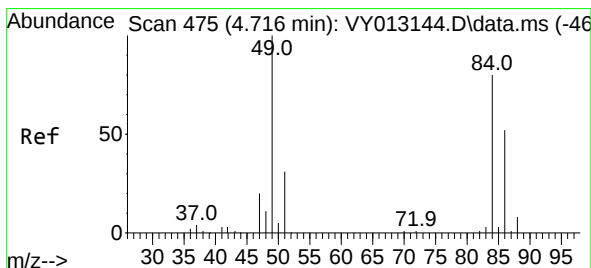
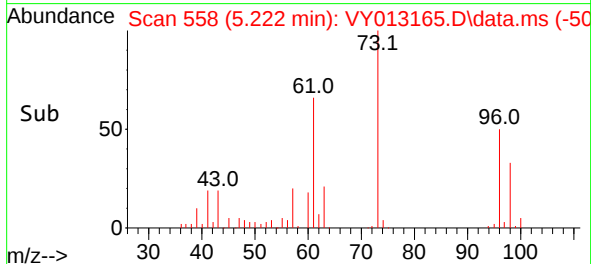
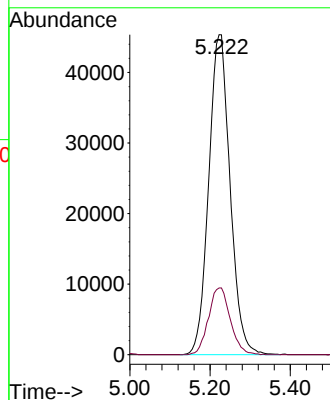
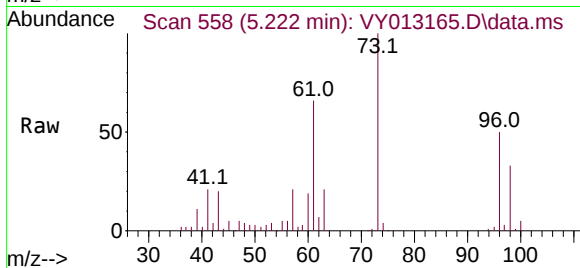
#19
Methyl tert-butyl Ether
Concen: 49.694 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY013165.D
Acq: 03 Apr 2023 10:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 167689
Ion Ratio Lower Upper
73 100
57 20.8 18.3 27.5

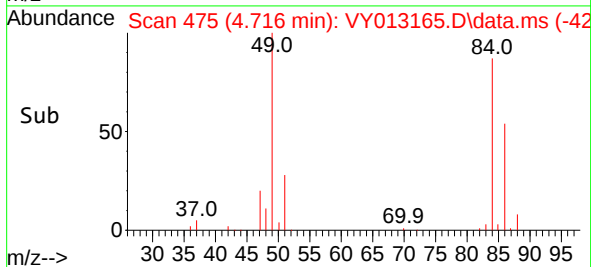
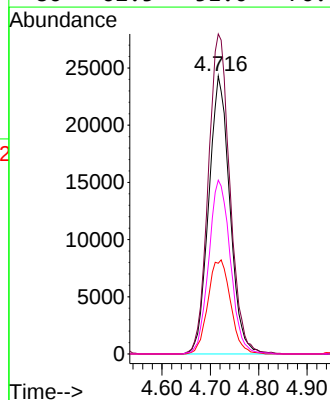
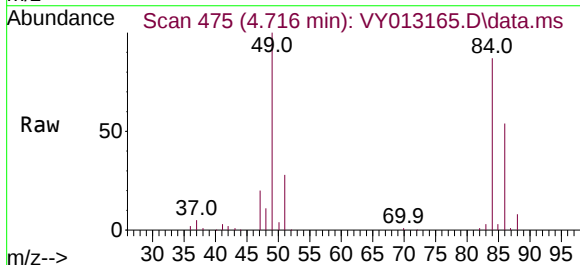
Manual Integrations
APPROVED

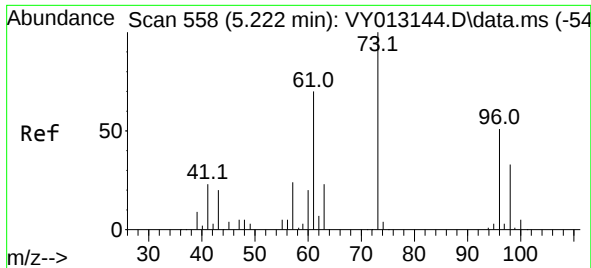
Reviewed By :Krupa Patel 04/04/2023
Supervised By :Mahesh Dadoda 04/04/2023



#20
Methylene Chloride
Concen: 47.166 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY013165.D
Acq: 03 Apr 2023 10:21

Tgt Ion: 84 Resp: 73763
Ion Ratio Lower Upper
84 100
49 115.1 102.6 154.0
51 32.7 31.9 47.9
86 62.5 51.0 76.6





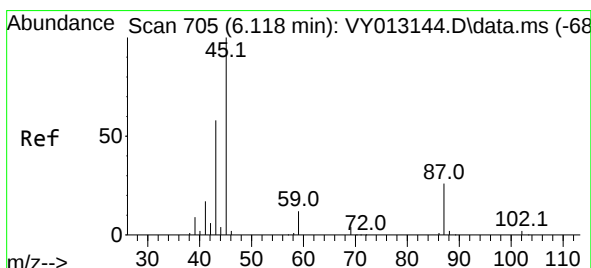
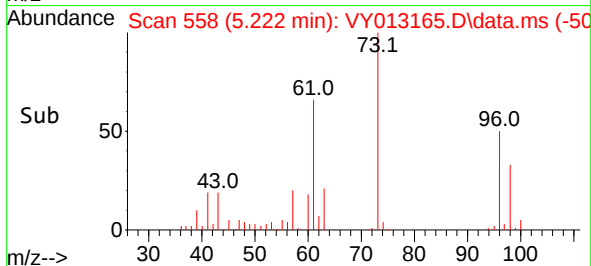
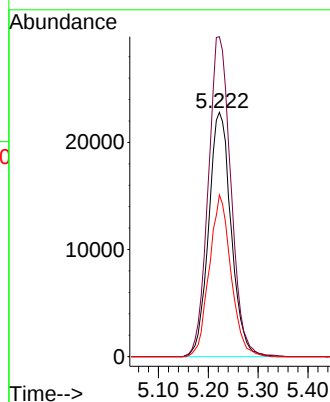
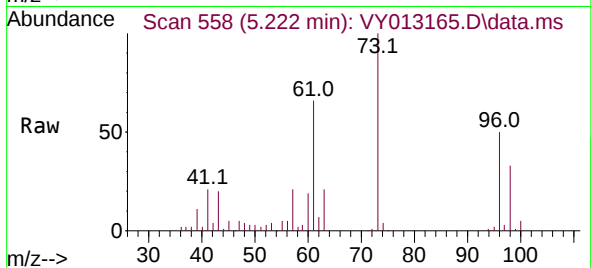
#21
trans-1,2-Dichloroethene
Concen: 47.588 ug/l
RT: 5.222 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY013165.D
Acq: 03 Apr 2023 10:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 96 Resp: 7140
Ion Ratio Lower Upper
96 100
61 131.0 111.4 167.0
98 66.2 50.8 76.2

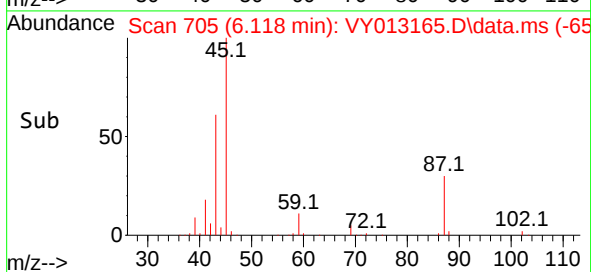
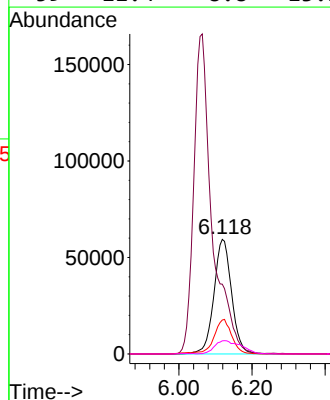
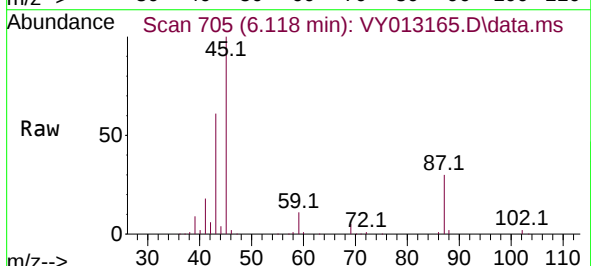
Manual Integrations
APPROVED

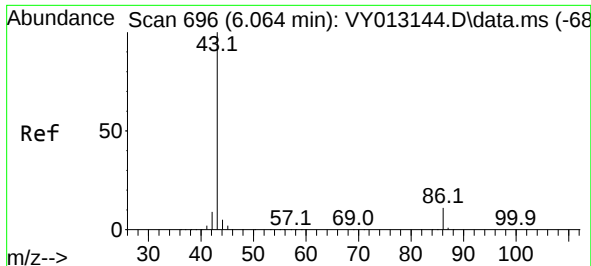
Reviewed By :Krupa Patel 04/04/2023
Supervised By :Mahesh Dadoda 04/04/2023



#22
Diisopropyl ether
Concen: 44.972 ug/l
RT: 6.118 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY013165.D
Acq: 03 Apr 2023 10:21

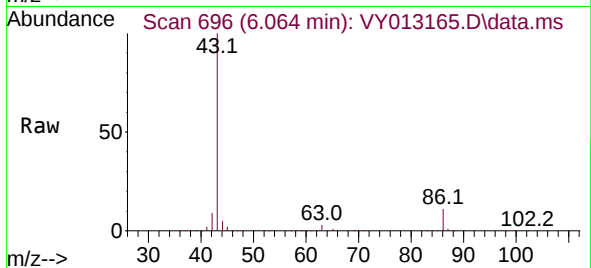
Tgt Ion: 45 Resp: 199360
Ion Ratio Lower Upper
45 100
43 60.4 45.0 67.6
87 29.6 20.3 30.5
59 11.4 8.8 13.2





#23
 Vinyl Acetate
 Concen: 229.585 ug/l
 RT: 6.064 min Scan# 696
 Delta R.T. -0.000 min
 Lab File: VY013165.D
 Acq: 03 Apr 2023 10:21

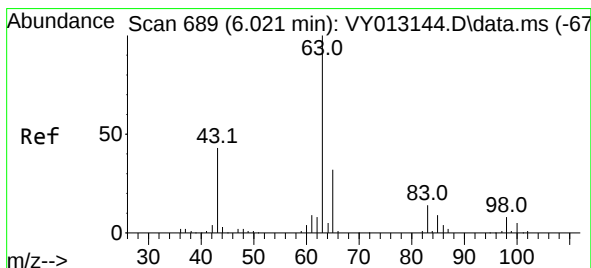
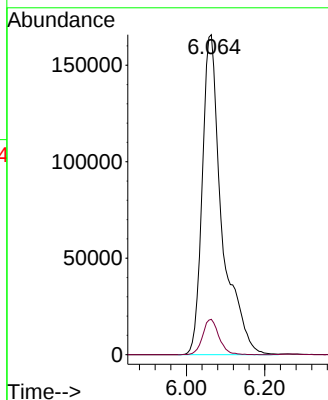
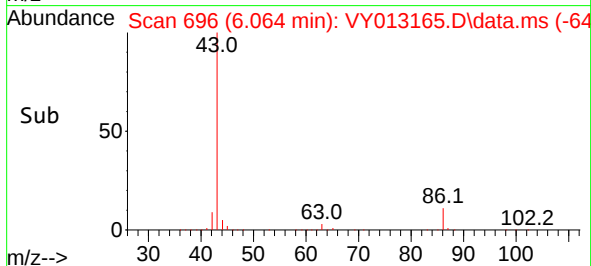
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050



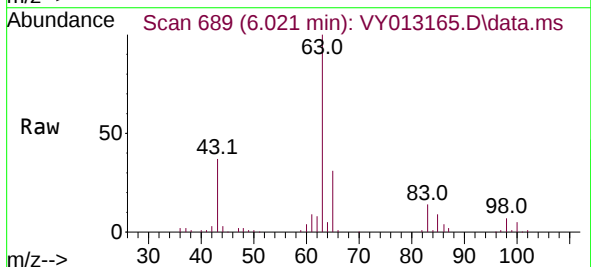
Tgt Ion: 43 Resp: 57875
 Ion Ratio Lower Upper
 43 100
 86 11.1 7.8 11.8

Manual Integrations
 APPROVED

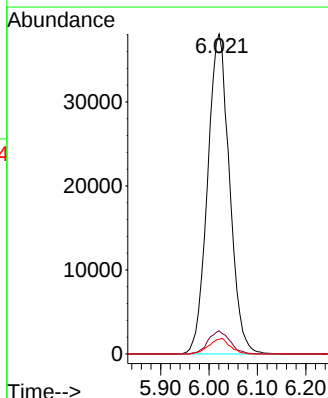
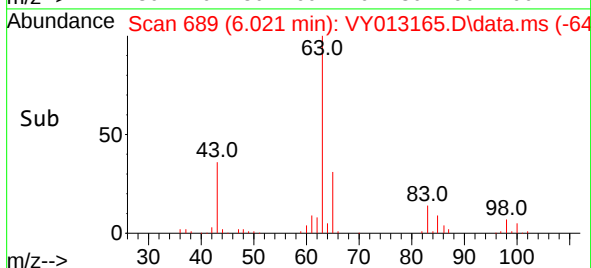
Reviewed By :Krupa Patel 04/04/2023
 Supervised By :Mahesh Dadoda 04/04/2023

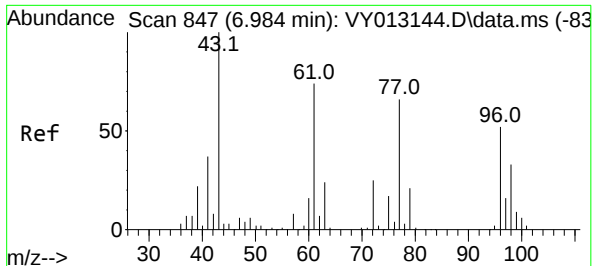


#24
 1,1-Dichloroethane
 Concen: 45.660 ug/l
 RT: 6.021 min Scan# 689
 Delta R.T. -0.000 min
 Lab File: VY013165.D
 Acq: 03 Apr 2023 10:21



Tgt Ion: 63 Resp: 119877
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.7 11.1
 100 4.6 2.3 6.8





#25

2-Butanone

Concen: 246.329 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY013165.D

Acq: 03 Apr 2023 10:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 13864

Ion Ratio Lower Upper

43 100

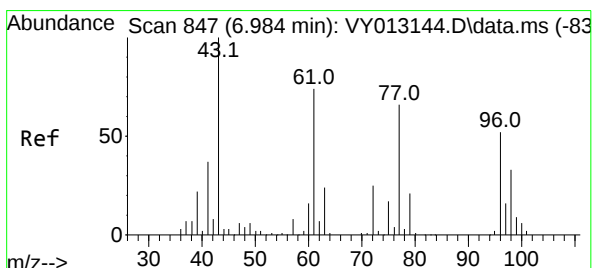
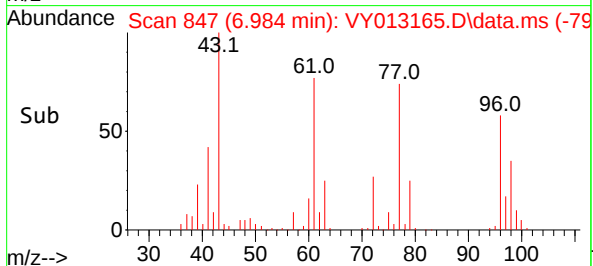
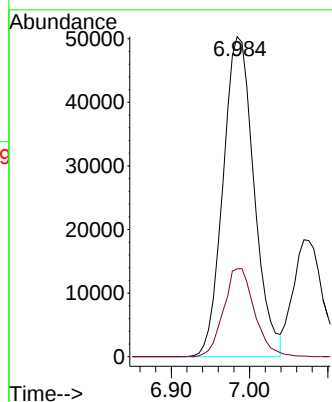
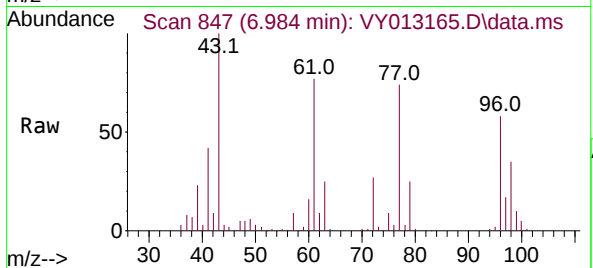
72 27.5 21.0 31.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/04/2023

Supervised By :Mahesh Dadoda 04/04/2023



#26

2,2-Dichloropropane

Concen: 48.202 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY013165.D

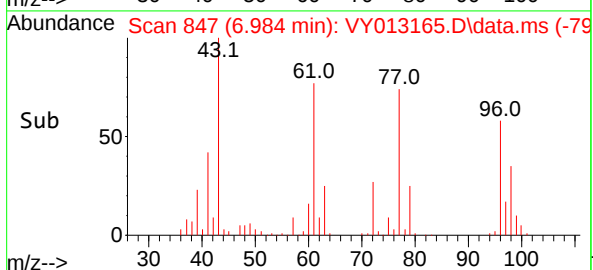
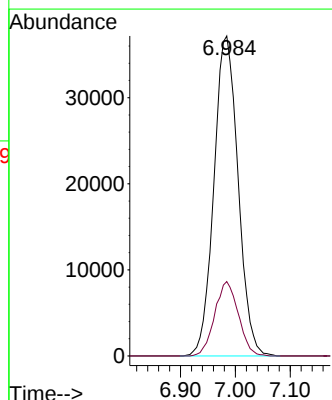
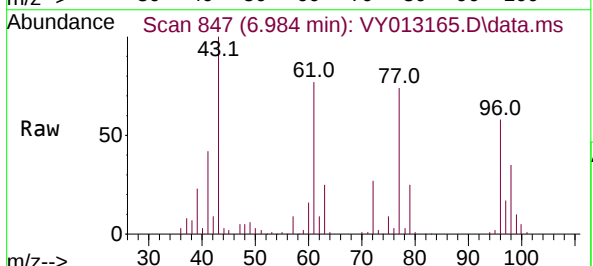
Acq: 03 Apr 2023 10:21

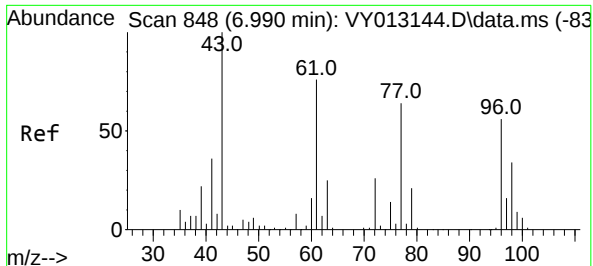
Tgt Ion: 77 Resp: 113824

Ion Ratio Lower Upper

77 100

97 22.8 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 48.638 ug/l

RT: 6.984 min Scan# 847

Delta R.T. -0.006 min

Lab File: VY013165.D

Acq: 03 Apr 2023 10:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 78619

Ion Ratio Lower Upper

96 100

61 141.5 0.0 295.8

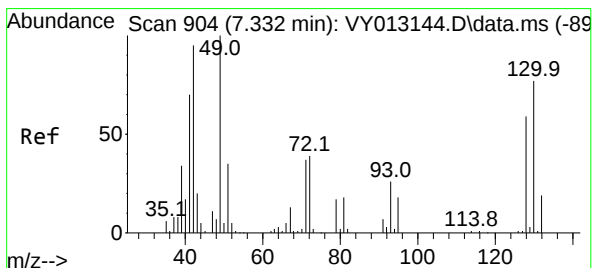
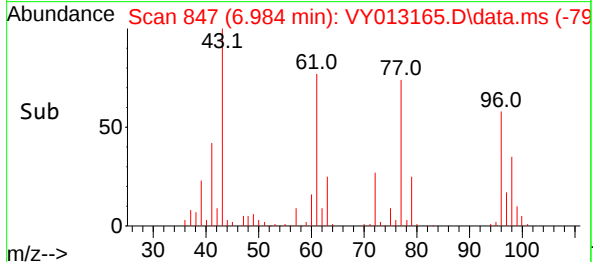
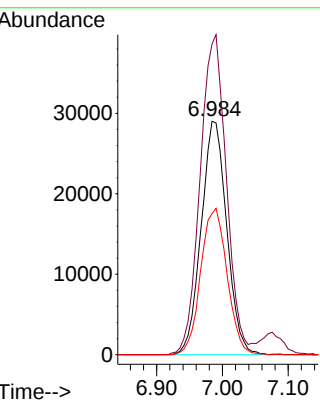
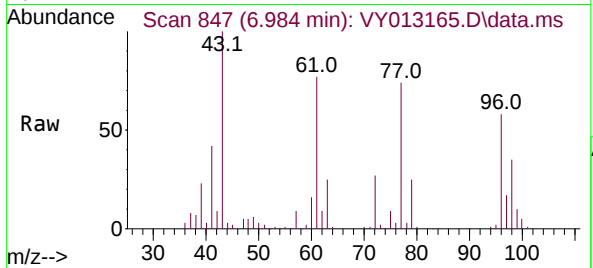
98 64.6 0.0 130.2

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/04/2023

Supervised By :Mahesh Dadoda 04/04/2023



#28

Bromochloromethane

Concen: 44.463 ug/l

RT: 7.332 min Scan# 904

Delta R.T. -0.000 min

Lab File: VY013165.D

Acq: 03 Apr 2023 10:21

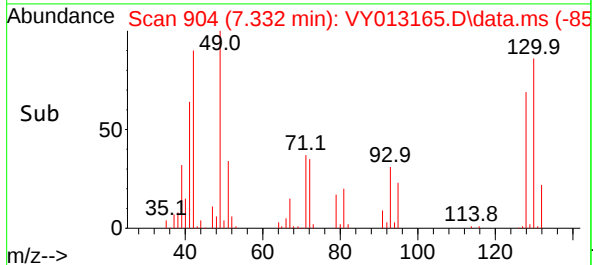
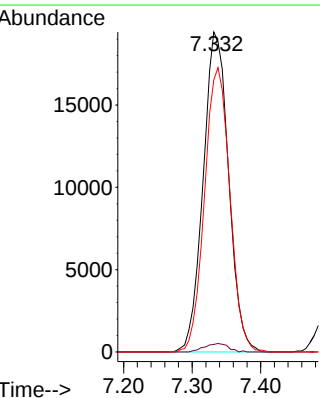
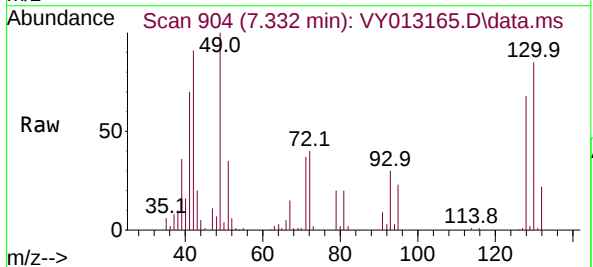
Tgt Ion: 49 Resp: 50090

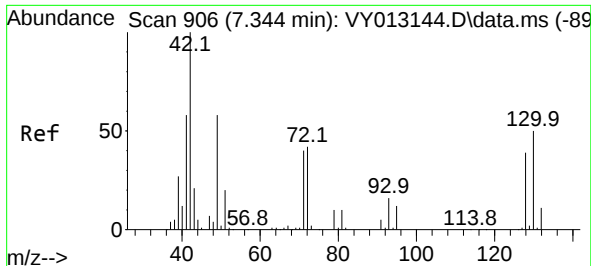
Ion Ratio Lower Upper

49 100

129 2.5 0.0 4.2

130 88.2 60.5 90.7





#29

Tetrahydrofuran

Concen: 218.411 ug/l

RT: 7.350 min Scan# 906

Delta R.T. 0.006 min

Lab File: VY013165.D

Acq: 03 Apr 2023 10:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 72770

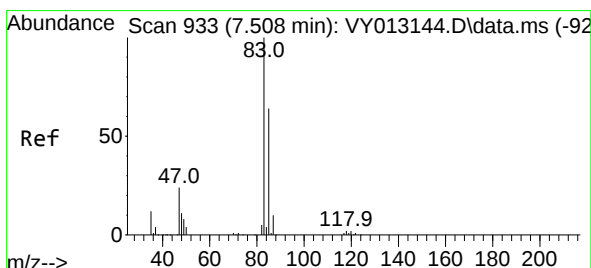
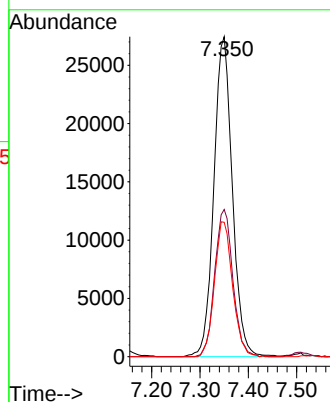
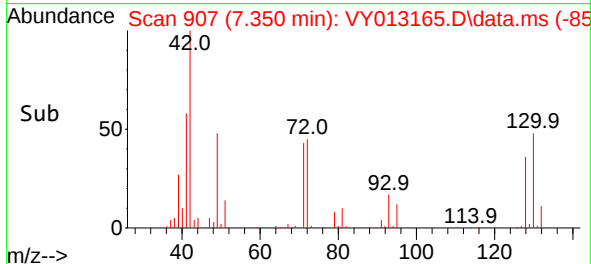
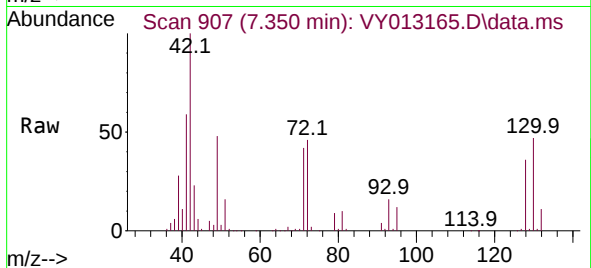
Ion	Ratio	Lower	Upper
42	100		
72	45.3	32.3	48.5
71	41.4	30.3	45.5

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/04/2023

Supervised By :Mahesh Dadoda 04/04/2023



#30

Chloroform

Concen: 46.897 ug/l

RT: 7.508 min Scan# 933

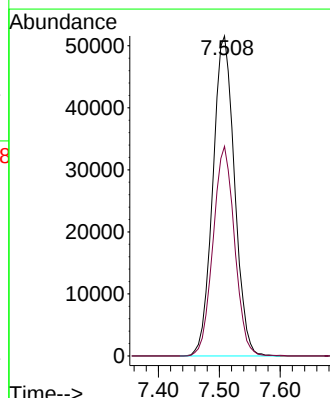
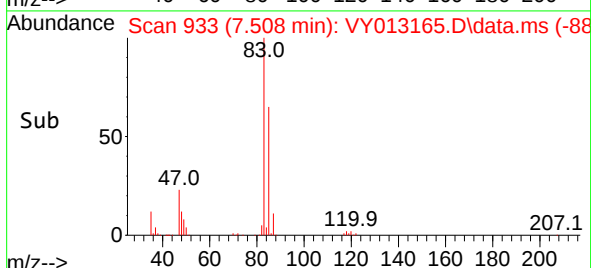
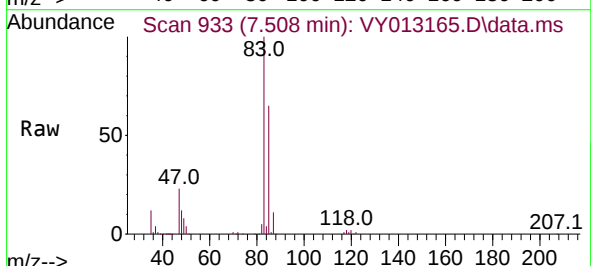
Delta R.T. 0.000 min

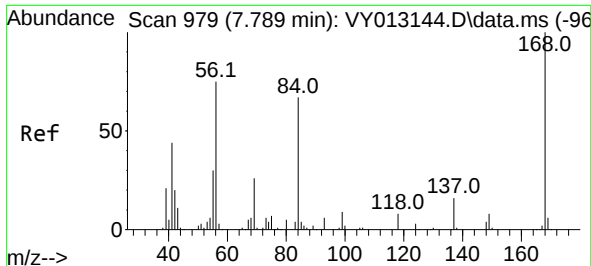
Lab File: VY013165.D

Acq: 03 Apr 2023 10:21

Tgt Ion: 83 Resp: 127500

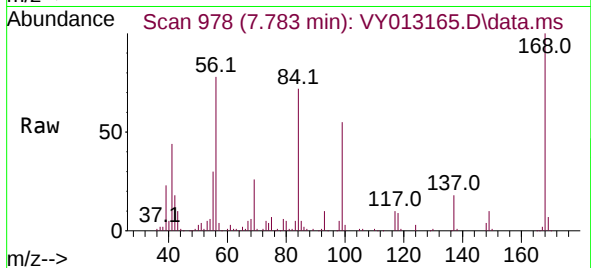
Ion	Ratio	Lower	Upper
83	100		
85	65.5	51.4	77.0





#31
Cyclohexane
Concen: 42.877 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013165.D
Acq: 03 Apr 2023 10:21

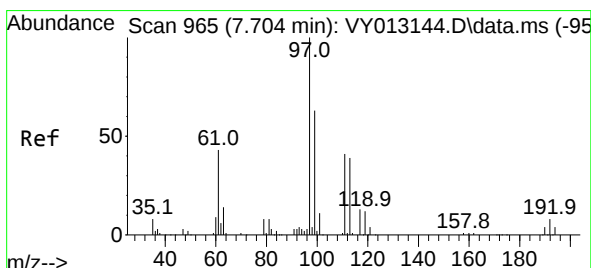
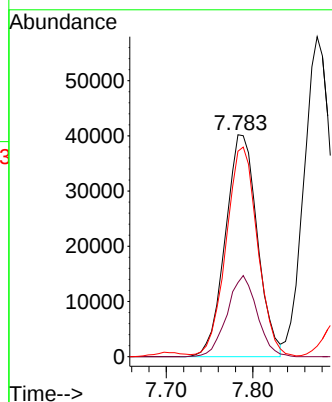
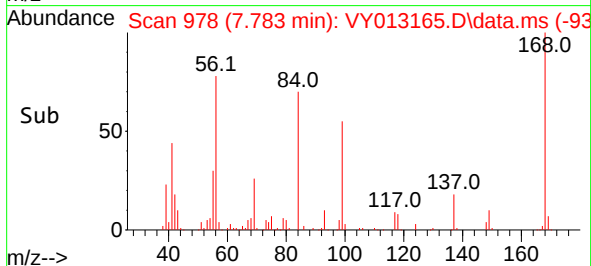
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



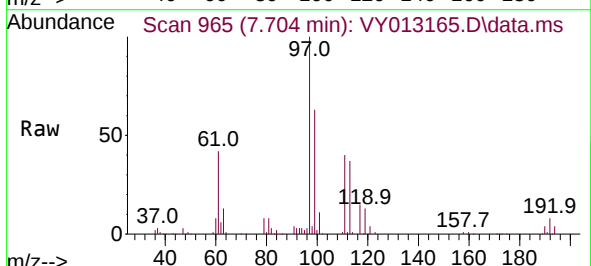
Tgt Ion: 56 Resp: 103039
Ion Ratio Lower Upper
56 100
69 33.4 25.7 38.5
84 91.2 64.3 96.5

Manual Integrations
APPROVED

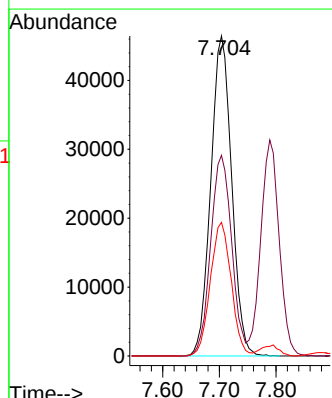
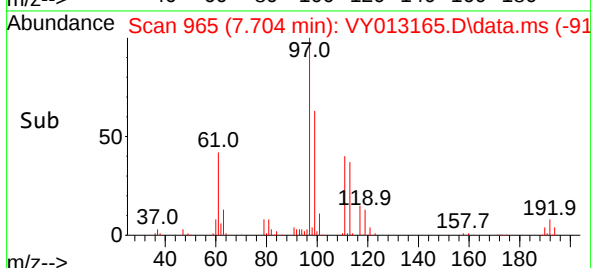
Reviewed By :Krupa Patel 04/04/2023
Supervised By :Mahesh Dadoda 04/04/2023

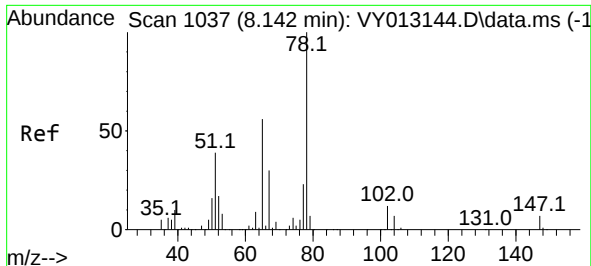


#32
1,1,1-Trichloroethane
Concen: 49.439 ug/l
RT: 7.704 min Scan# 965
Delta R.T. -0.000 min
Lab File: VY013165.D
Acq: 03 Apr 2023 10:21



Tgt Ion: 97 Resp: 118840
Ion Ratio Lower Upper
97 100
99 63.2 51.0 76.6
61 41.8 34.5 51.7





#33

1,2-Dichloroethane-d4

Concen: 45.638 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. 0.000 min

Lab File: VY013165.D

Acq: 03 Apr 2023 10:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 6718

Ion Ratio Lower Upper

65 100

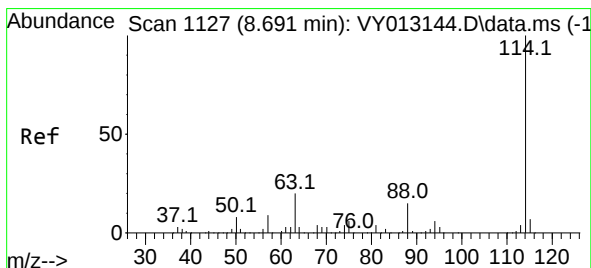
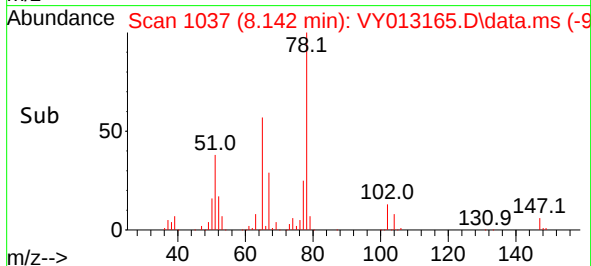
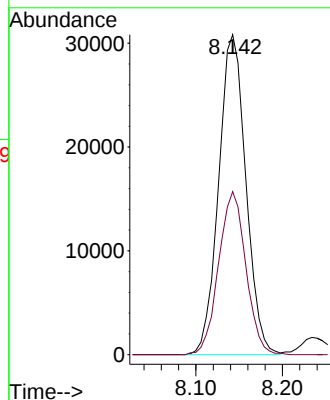
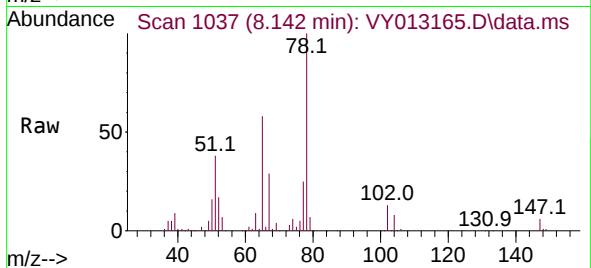
67 51.1 0.0 104.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/04/2023

Supervised By :Mahesh Dadoda 04/04/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY013165.D

Acq: 03 Apr 2023 10:21

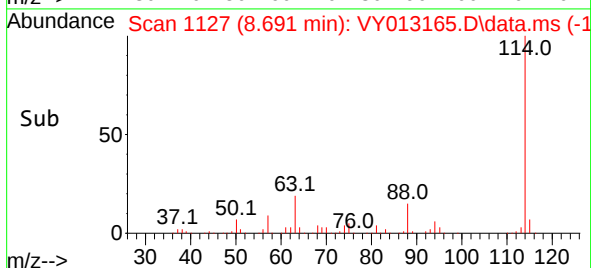
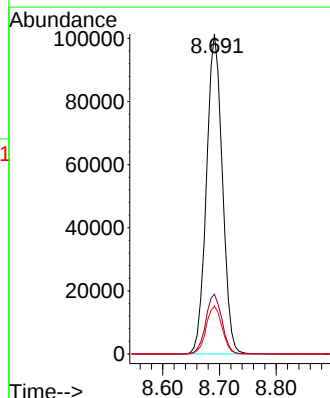
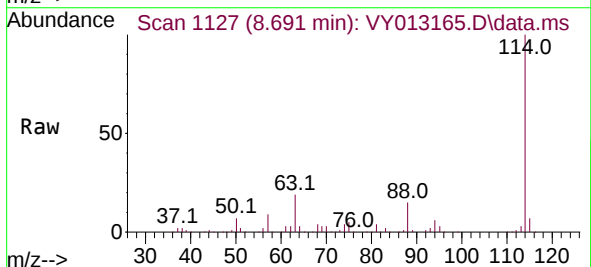
Tgt Ion:114 Resp: 197073

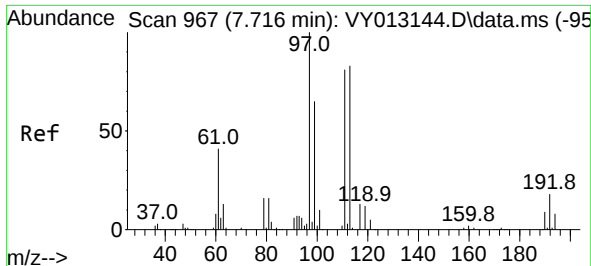
Ion Ratio Lower Upper

114 100

63 18.7 0.0 37.4

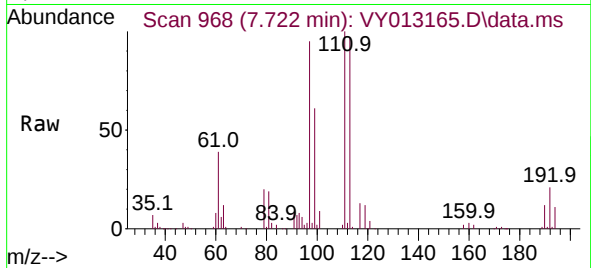
88 15.0 0.0 28.6





#35
Dibromofluoromethane
Concen: 49.081 ug/l
RT: 7.722 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY013165.D
Acq: 03 Apr 2023 10:21

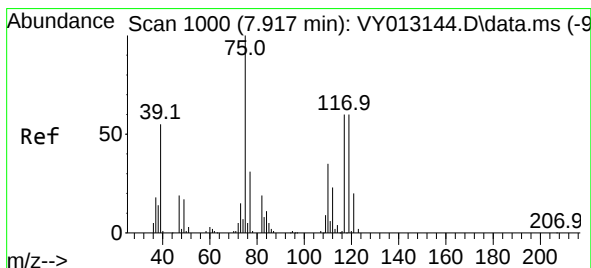
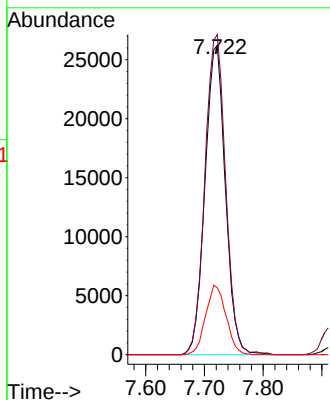
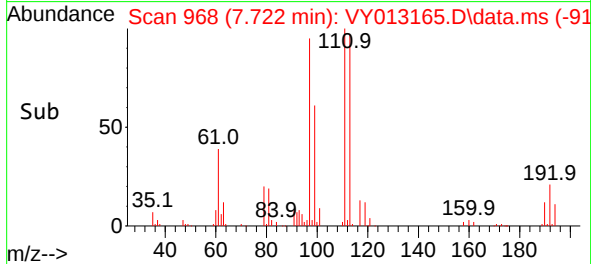
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



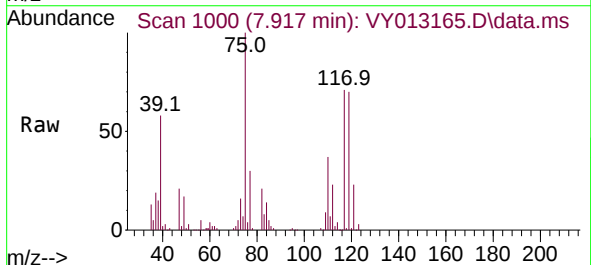
Tgt Ion: 113 Resp: 6318
Ion Ratio Lower Upper
113 100
111 105.3 82.2 123.2
192 22.5 16.8 25.2

Manual Integrations
APPROVED

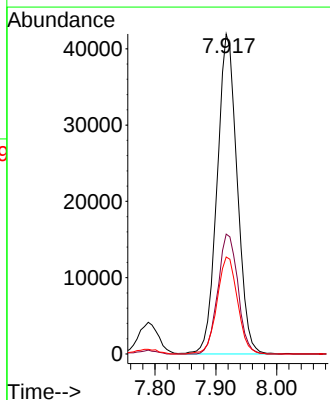
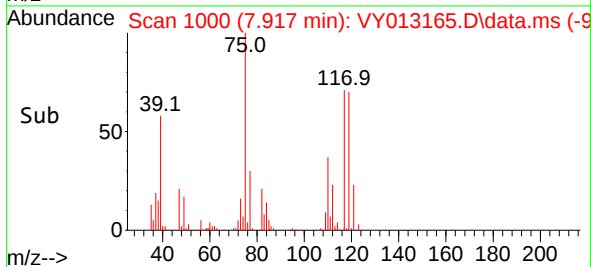
Reviewed By :Krupa Patel 04/04/2023
Supervised By :Mahesh Dadoda 04/04/2023

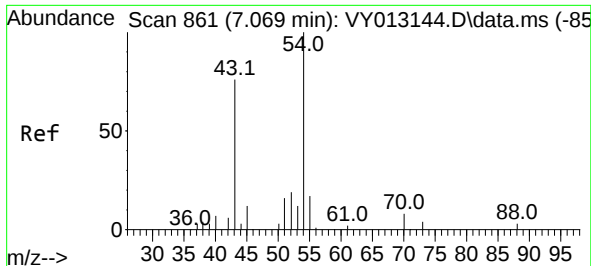


#36
1,1-Dichloropropene
Concen: 49.502 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VY013165.D
Acq: 03 Apr 2023 10:21



Tgt Ion: 75 Resp: 95941
Ion Ratio Lower Upper
75 100
110 37.4 17.8 53.3
77 31.0 25.0 37.4





#37

Ethyl Acetate

Concen: 44.829 ug/l

RT: 7.069 min Scan# 80

Delta R.T. 0.000 min

Lab File: VY013165.D

Acq: 03 Apr 2023 10:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 4935

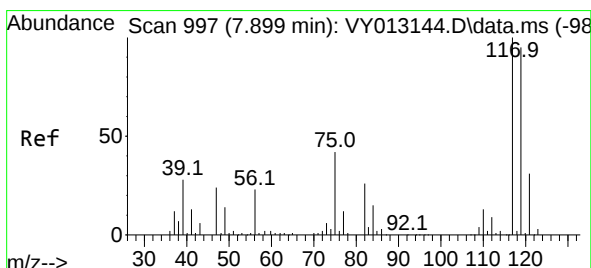
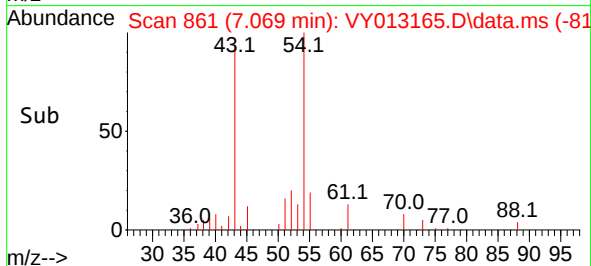
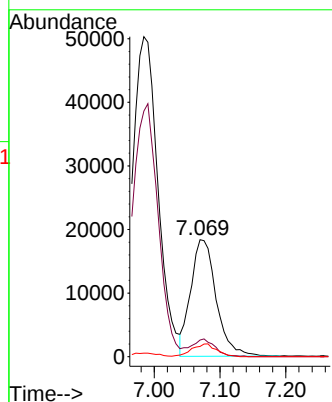
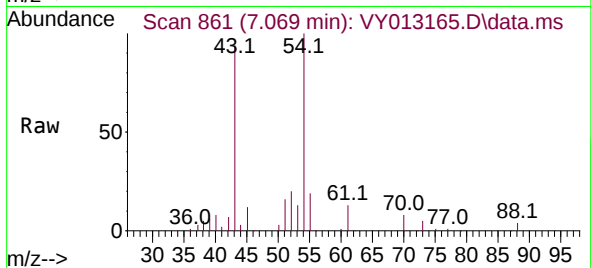
Ion	Ratio	Lower	Upper
43	100		
61	12.6	10.7	16.1
70	10.6	7.8	11.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/04/2023

Supervised By :Mahesh Dadoda 04/04/2023



#38

Carbon Tetrachloride

Concen: 52.402 ug/l

RT: 7.905 min Scan# 998

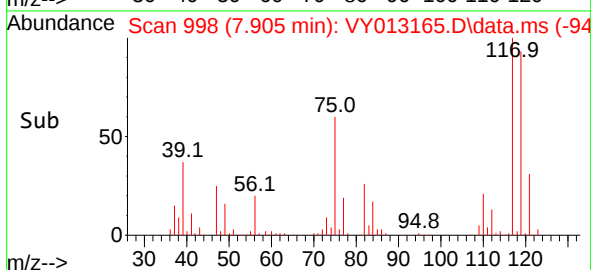
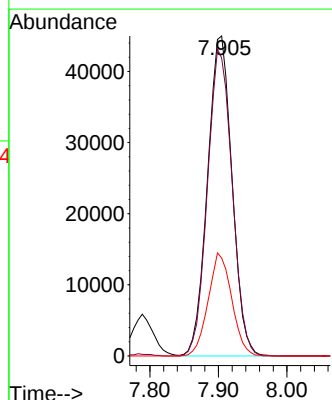
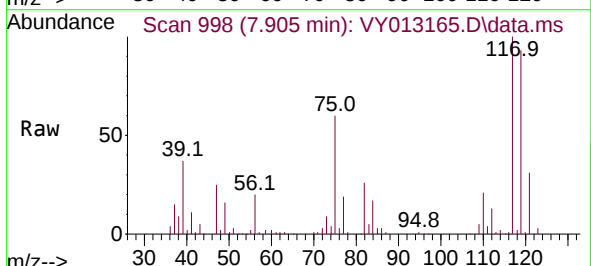
Delta R.T. 0.006 min

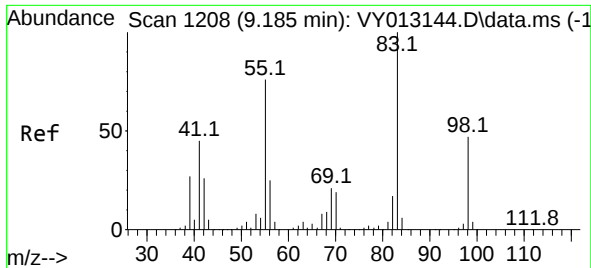
Lab File: VY013165.D

Acq: 03 Apr 2023 10:21

Tgt Ion:117 Resp: 112060

Ion	Ratio	Lower	Upper
117	100		
119	93.1	77.2	115.8
121	30.6	24.7	37.1





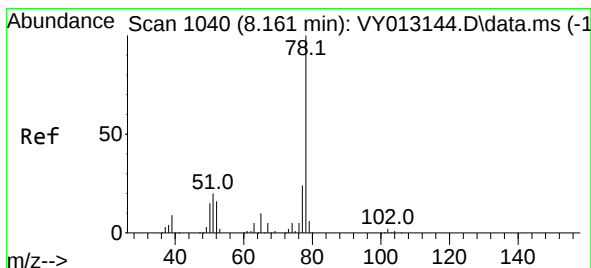
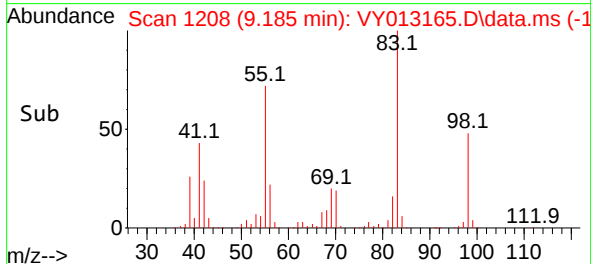
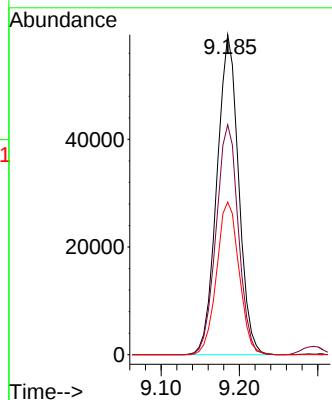
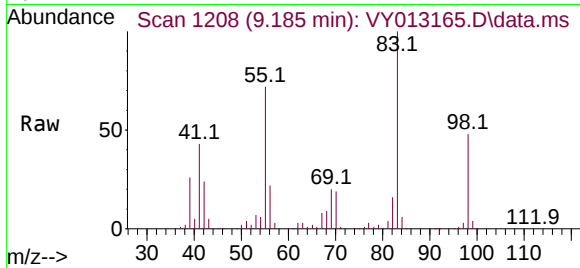
#39
Methylcyclohexane
Concen: 50.337 ug/l
RT: 9.185 min Scan# 114454
Delta R.T. -0.000 min
Lab File: VY013165.D
Acq: 03 Apr 2023 10:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 114454
Ion Ratio Lower Upper
83 100
55 71.9 60.0 90.0
98 47.7 38.3 57.5

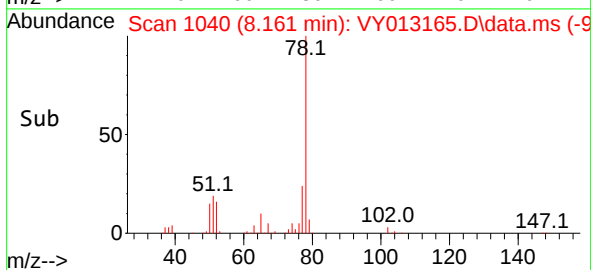
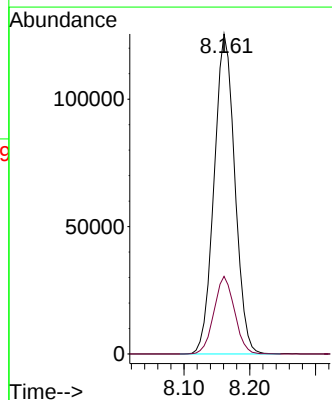
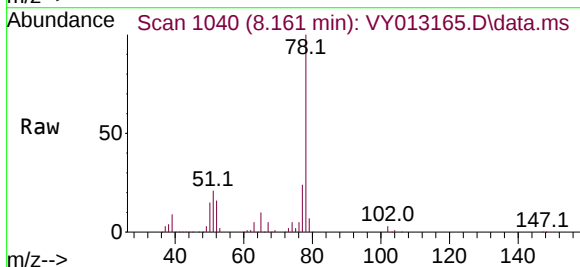
Manual Integrations
APPROVED

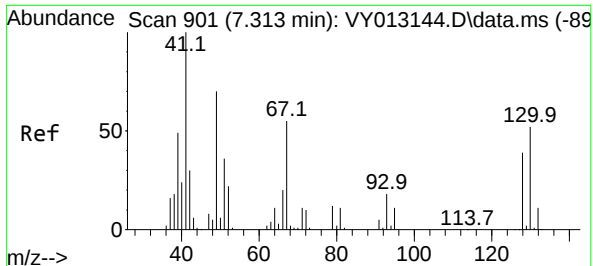
Reviewed By :Krupa Patel 04/04/2023
Supervised By :Mahesh Dadoda 04/04/2023



#40
Benzene
Concen: 49.152 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY013165.D
Acq: 03 Apr 2023 10:21

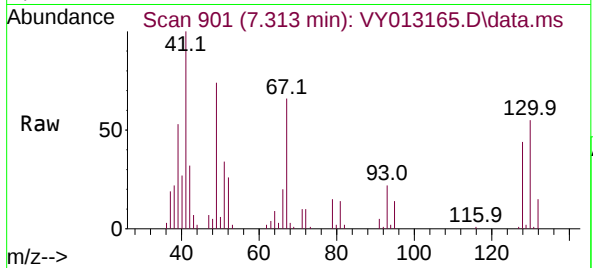
Tgt Ion: 78 Resp: 275145
Ion Ratio Lower Upper
78 100
77 24.2 19.4 29.0





#41
Methacrylonitrile
Concen: 43.270 ug/l m
RT: 7.313 min Scan# 901
Delta R.T. 0.000 min
Lab File: VY013165.D
Acq: 03 Apr 2023 10:21

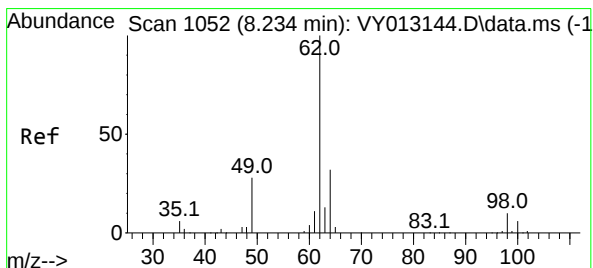
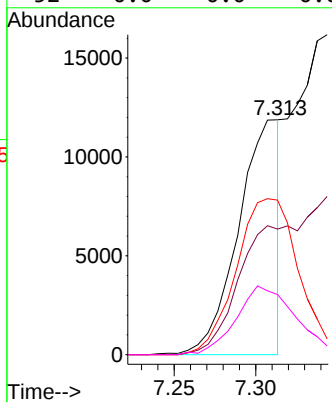
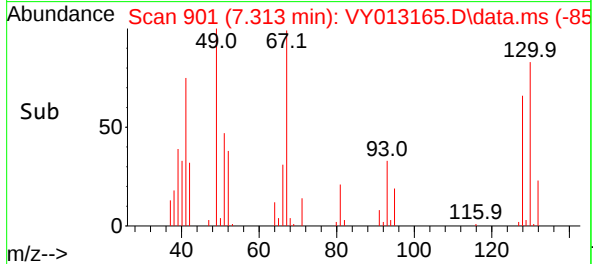
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion:	41	Resp:	21134
Ion Ratio	100	Lower	Upper
39	166.3	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

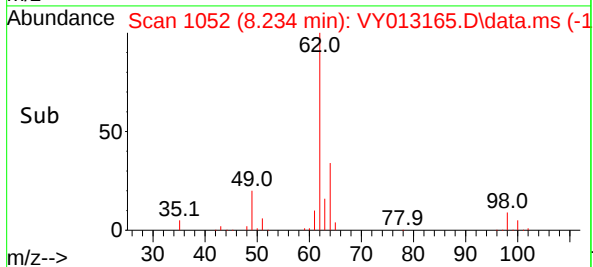
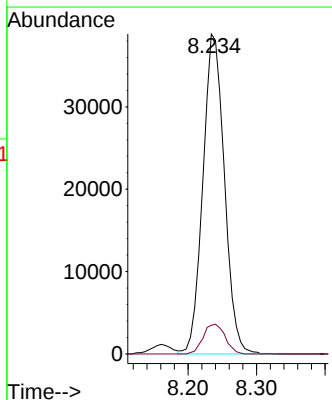
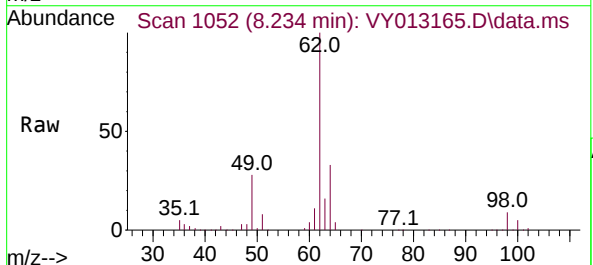
Manual Integrations
APPROVED

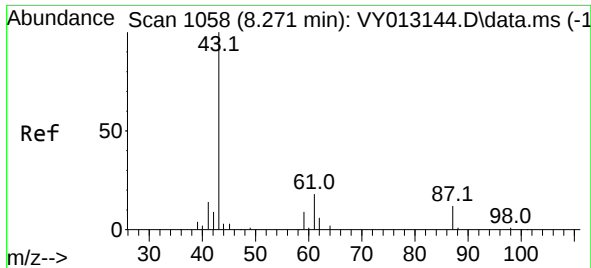
Reviewed By :Krupa Patel 04/04/2023
Supervised By :Mahesh Dadoda 04/04/2023



#42
1,2-Dichloroethane
Concen: 49.565 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VY013165.D
Acq: 03 Apr 2023 10:21

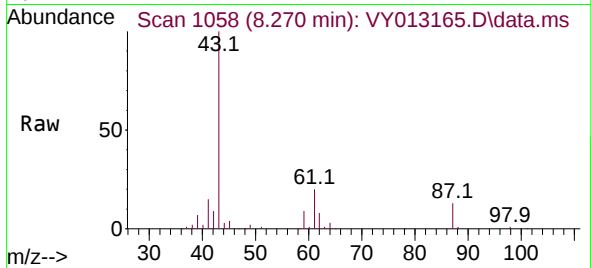
Tgt Ion:	62	Resp:	85006
Ion Ratio	100	Lower	Upper
98	9.5	0.0	18.8





#43
Isopropyl Acetate
Concen: 47.468 ug/l
RT: 8.270 min Scan# 1058
Delta R.T. -0.001 min
Lab File: VY013165.D
Acq: 03 Apr 2023 10:21

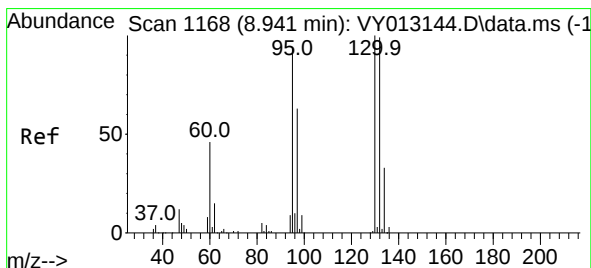
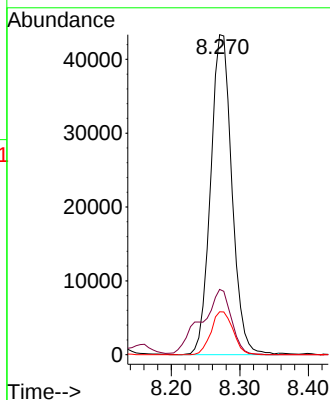
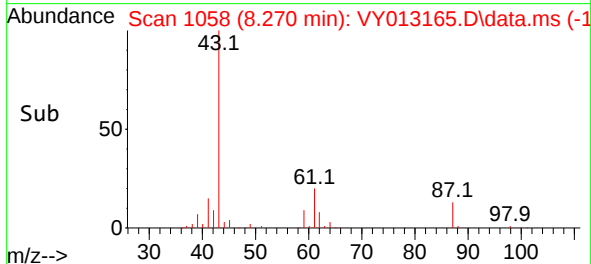
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 93540
Ion Ratio Lower Upper
43 100
61 28.9 21.6 32.4
87 13.8 9.9 14.9

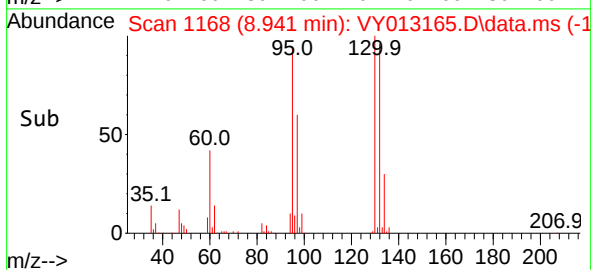
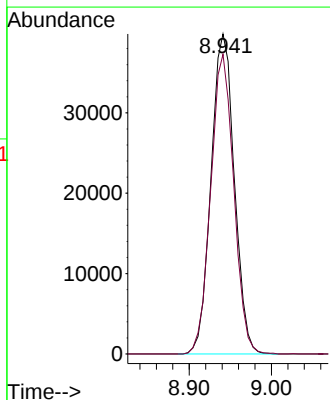
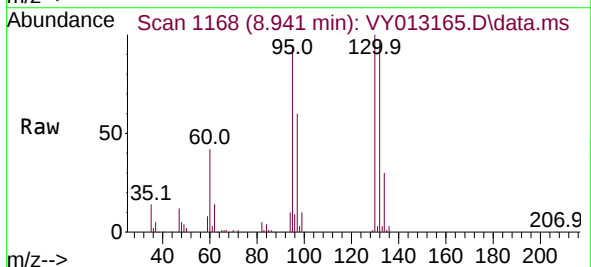
Manual Integrations
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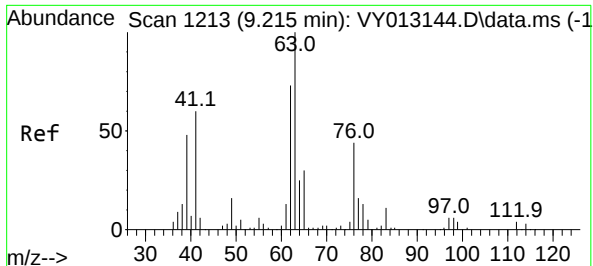
Reviewed By :Krupa Patel 04/04/2023
Supervised By :Mahesh Dadoda 04/04/2023



#44
Trichloroethene
Concen: 50.763 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VY013165.D
Acq: 03 Apr 2023 10:21

Tgt Ion:130 Resp: 78225
Ion Ratio Lower Upper
130 100
95 93.7 0.0 185.0





#45

1,2-Dichloropropane

Concen: 46.885 ug/l

RT: 9.215 min Scan# 1213

Delta R.T. 0.000 min

Lab File: VY013165.D

Acq: 03 Apr 2023 10:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 65720

Ion Ratio Lower Upper

63 100

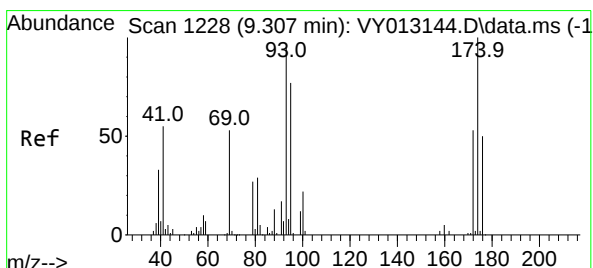
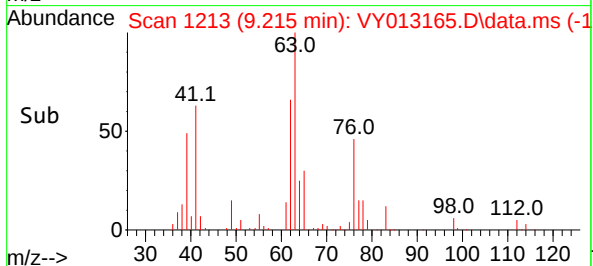
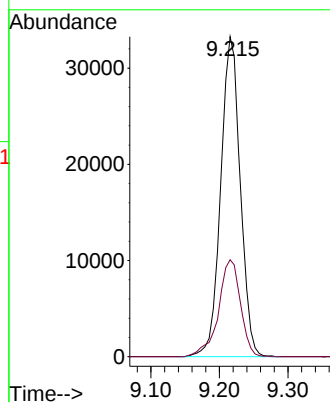
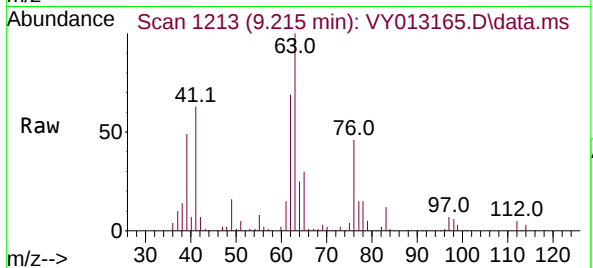
65 30.3 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/04/2023

Supervised By :Mahesh Dadoda 04/04/2023



#46

Dibromomethane

Concen: 49.887 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VY013165.D

Acq: 03 Apr 2023 10:21

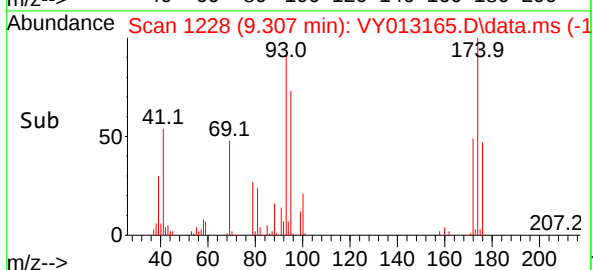
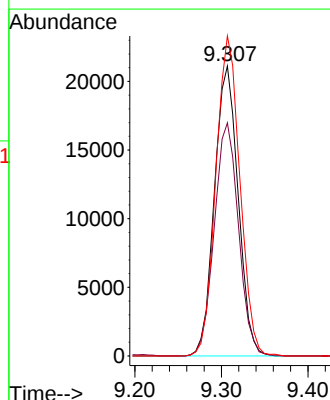
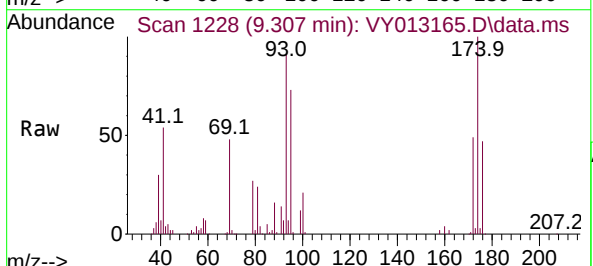
Tgt Ion: 93 Resp: 40171

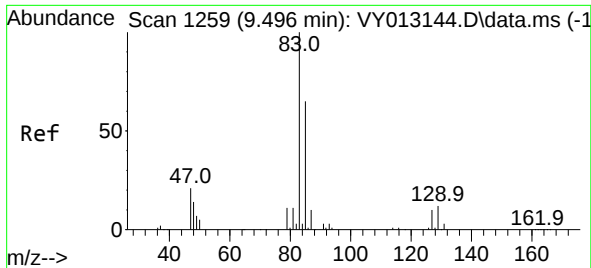
Ion Ratio Lower Upper

93 100

95 82.1 65.6 98.4

174 112.0 81.3 121.9





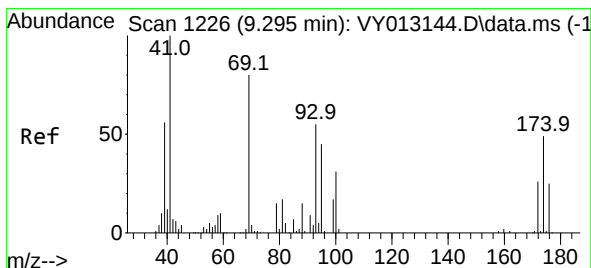
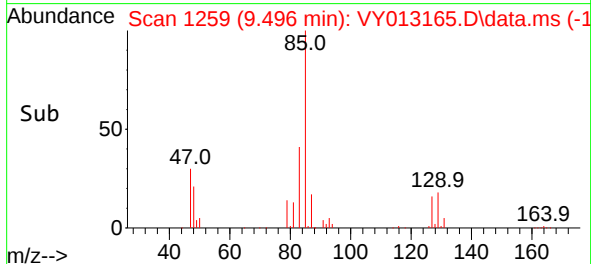
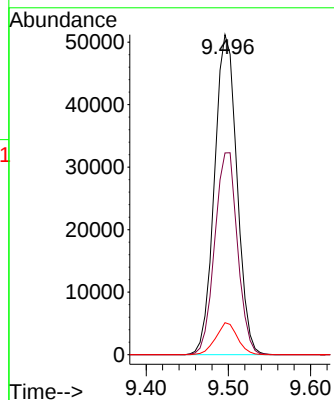
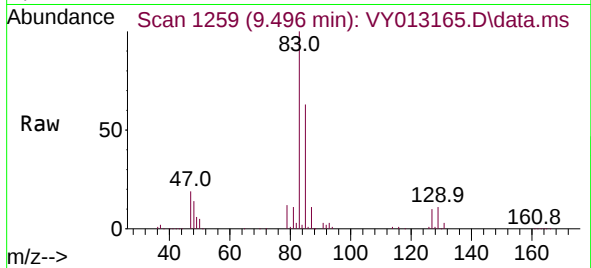
#47
Bromodichloromethane
Concen: 50.092 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY013165.D
Acq: 03 Apr 2023 10:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 97320
Ion Ratio Lower Upper
83 100
85 63.1 50.2 75.4
127 10.0 6.3 9.5

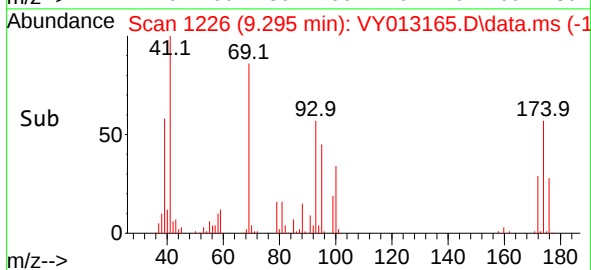
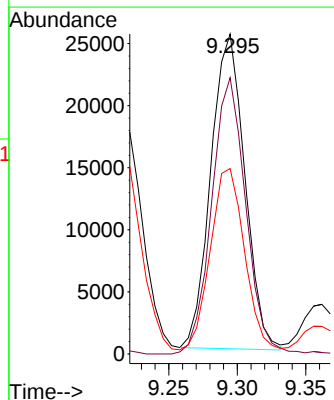
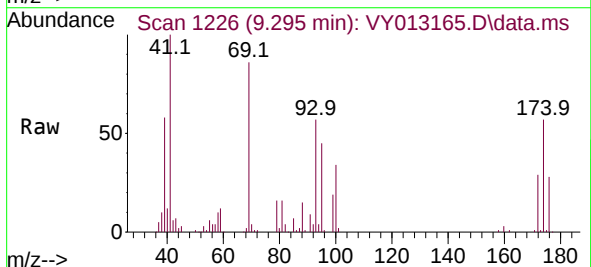
Manual Integrations
APPROVED

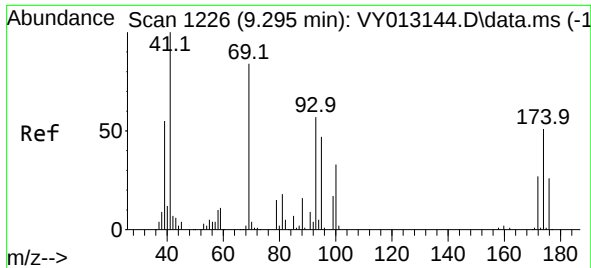
Reviewed By :Krupa Patel 04/04/2023
Supervised By :Mahesh Dadoda 04/04/2023



#48
Methyl methacrylate
Concen: 47.527 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. -0.000 min
Lab File: VY013165.D
Acq: 03 Apr 2023 10:21

Tgt Ion: 41 Resp: 43621
Ion Ratio Lower Upper
41 100
69 88.5 64.1 96.1
39 58.3 44.0 66.0





#49

1,4-Dioxane

Concen: 1041.595 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. -0.000 min

Lab File: VY013165.D

Acq: 03 Apr 2023 10:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 9978

Ion Ratio Lower Upper

88 100

43 33.1 28.6 42.8

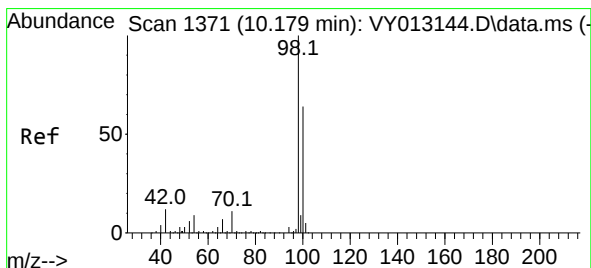
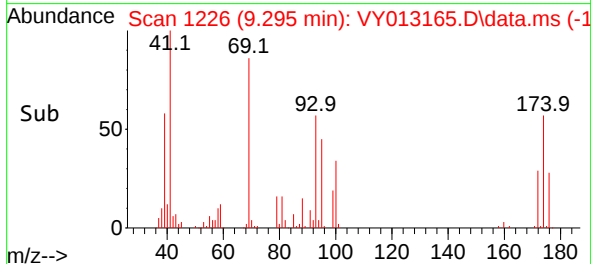
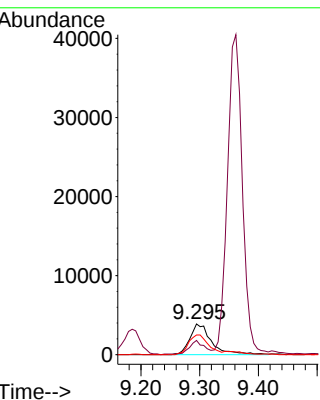
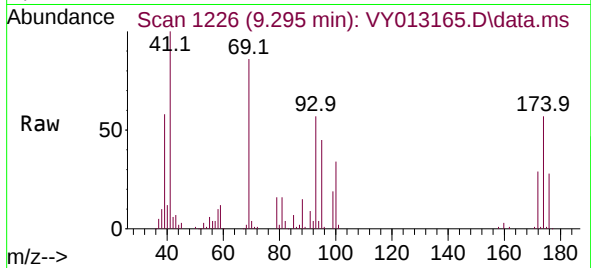
58 58.6 55.2 82.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/04/2023

Supervised By :Mahesh Dadoda 04/04/2023



#50

Toluene-d8

Concen: 50.252 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY013165.D

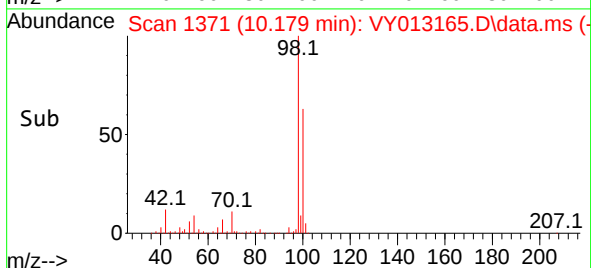
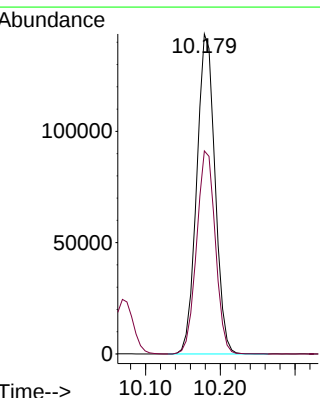
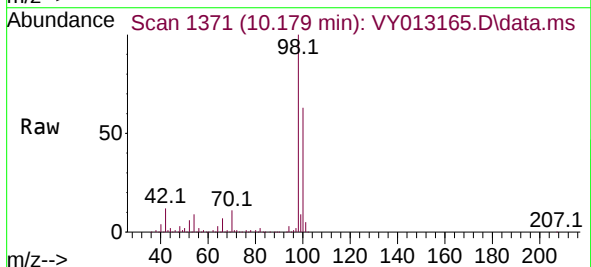
Acq: 03 Apr 2023 10:21

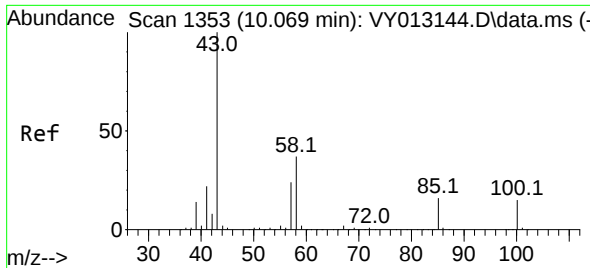
Tgt Ion: 98 Resp: 244235

Ion Ratio Lower Upper

98 100

100 64.9 50.9 76.3





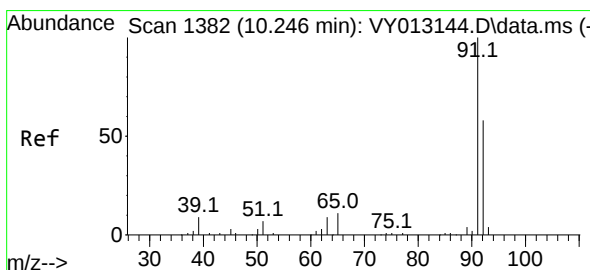
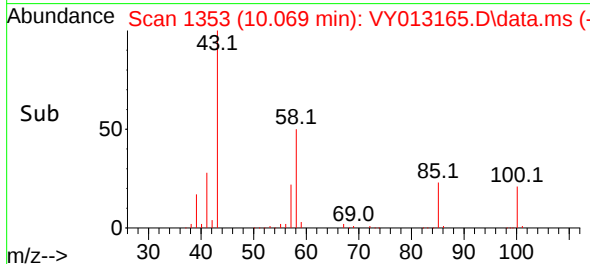
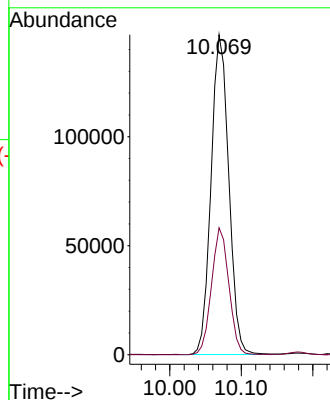
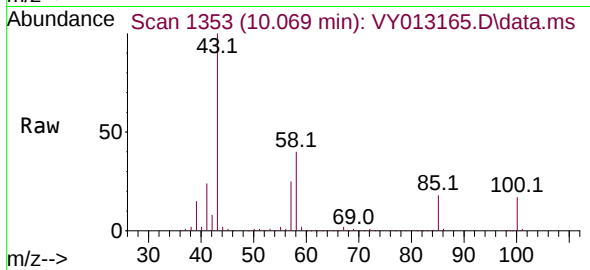
#51
4-Methyl-2-Pentanone
Concen: 237.720 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY013165.D
Acq: 03 Apr 2023 10:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 25283
Ion Ratio Lower Upper
43 100
58 38.8 29.8 44.6

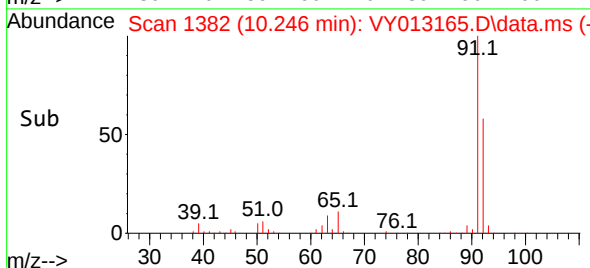
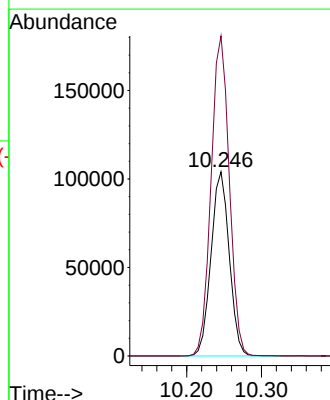
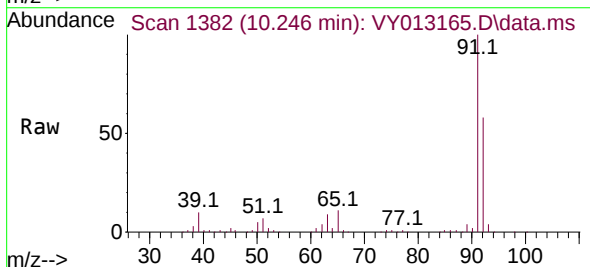
Manual Integrations
APPROVED

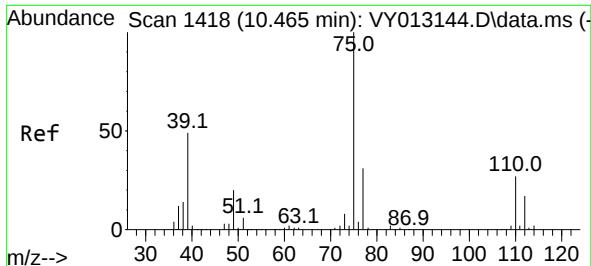
Reviewed By :Krupa Patel 04/04/2023
Supervised By :Mahesh Dadoda 04/04/2023



#52
Toluene
Concen: 50.687 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY013165.D
Acq: 03 Apr 2023 10:21

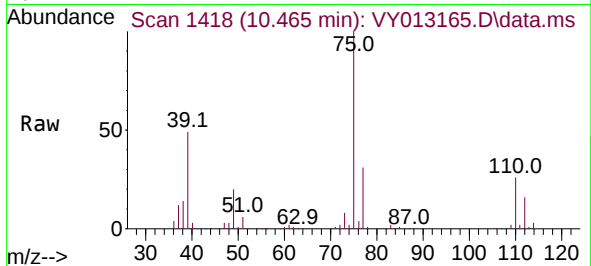
Tgt Ion: 92 Resp: 176004
Ion Ratio Lower Upper
92 100
91 174.0 141.3 211.9





#53
t-1,3-Dichloropropene
Concen: 50.609 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY013165.D
Acq: 03 Apr 2023 10:21

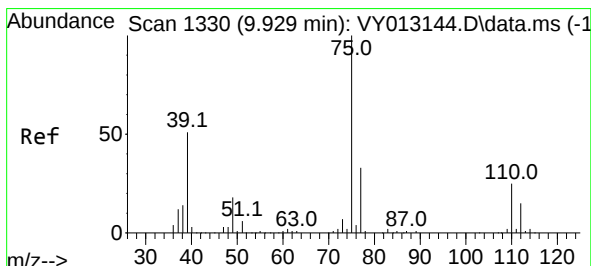
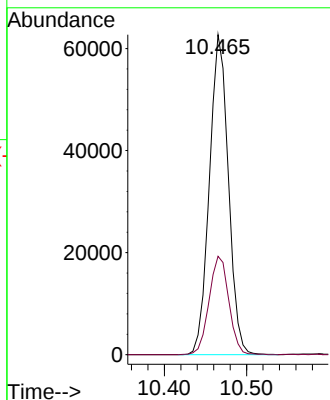
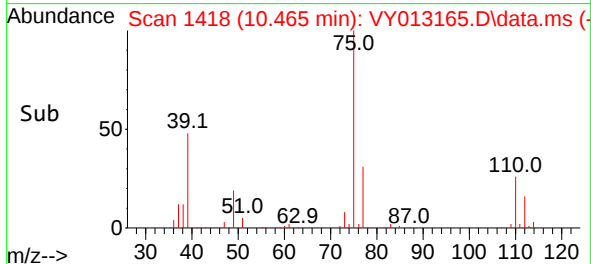
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 100508
Ion Ratio Lower Upper
75 100
77 30.7 25.4 38.2

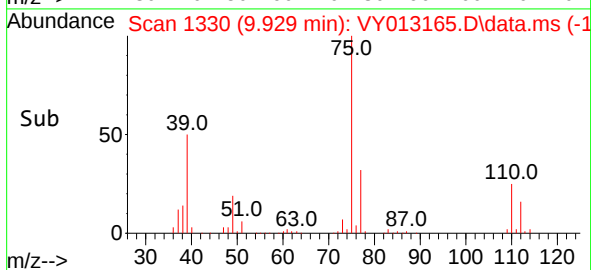
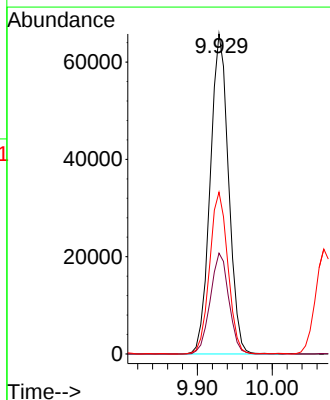
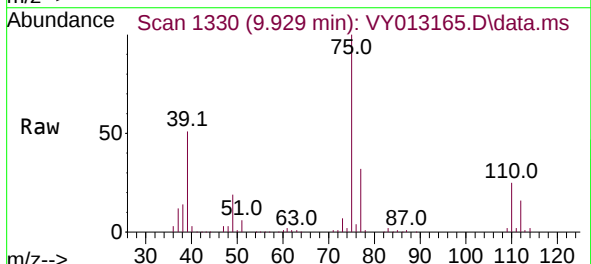
Manual Integrations
APPROVED

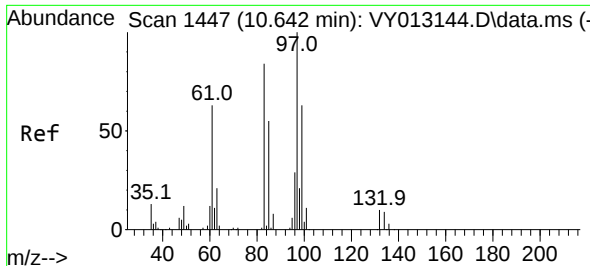
Reviewed By :Krupa Patel 04/04/2023
Supervised By :Mahesh Dadoda 04/04/2023



#54
cis-1,3-Dichloropropene
Concen: 49.474 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. -0.000 min
Lab File: VY013165.D
Acq: 03 Apr 2023 10:21

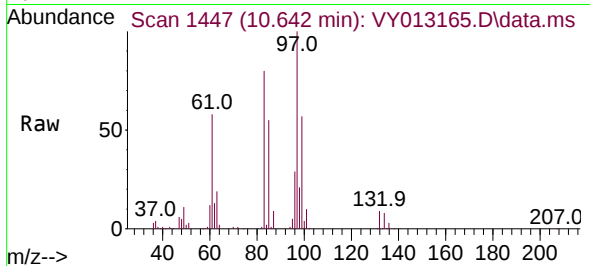
Tgt Ion: 75 Resp: 112214
Ion Ratio Lower Upper
75 100
77 31.5 25.4 38.0
39 50.5 39.0 58.4





#55
1,1,2-Trichloroethane
Concen: 50.195 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY013165.D
Acq: 03 Apr 2023 10:21

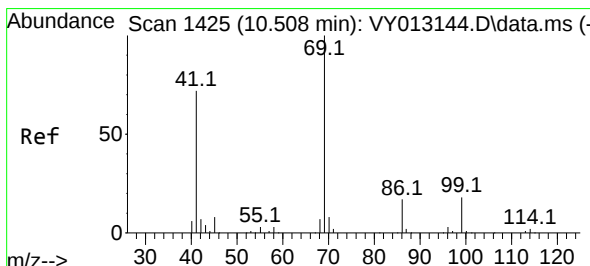
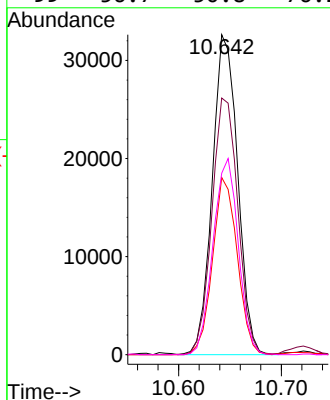
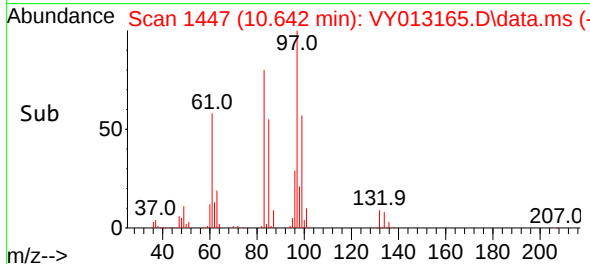
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion:	97	Resp:	5587
Ion Ratio	100	Lower	Upper
83	80.1	69.0	103.6
85	55.3	44.9	67.3
99	56.7	50.8	76.2

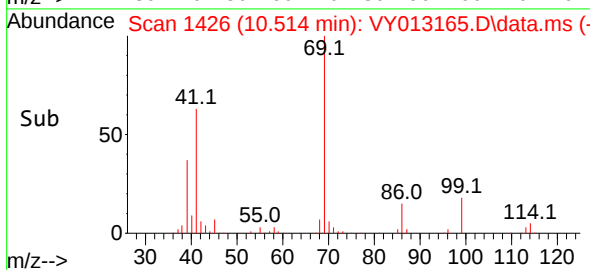
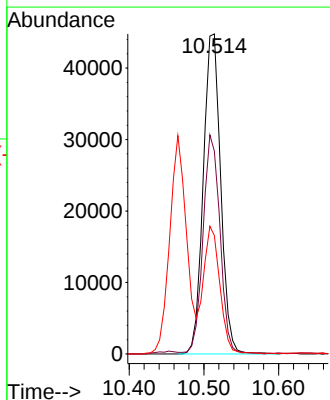
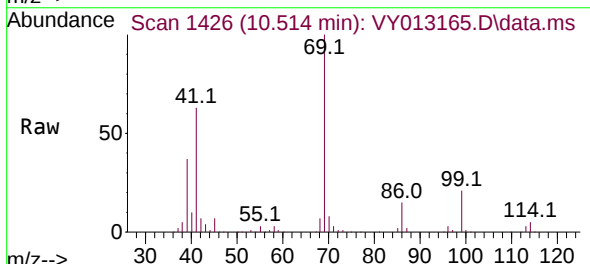
Manual Integrations
APPROVED

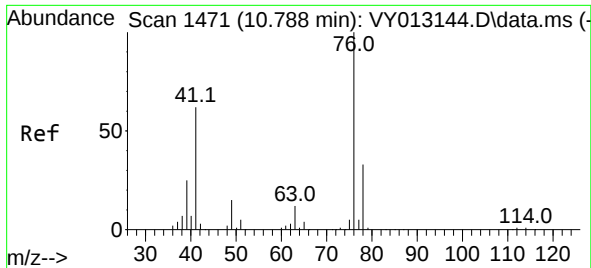
Reviewed By :Krupa Patel 04/04/2023
Supervised By :Mahesh Dadoda 04/04/2023



#56
Ethyl methacrylate
Concen: 51.763 ug/l
RT: 10.514 min Scan# 1426
Delta R.T. 0.006 min
Lab File: VY013165.D
Acq: 03 Apr 2023 10:21

Tgt Ion:	69	Resp:	72441
Ion Ratio	100	Lower	Upper
41	66.3	56.4	84.6
39	37.7	30.8	46.2





#57

1,3-Dichloropropane

Concen: 49.114 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY013165.D

Acq: 03 Apr 2023 10:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 9228

Ion Ratio Lower Upper

76 100

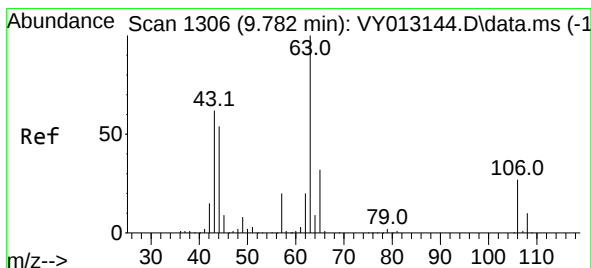
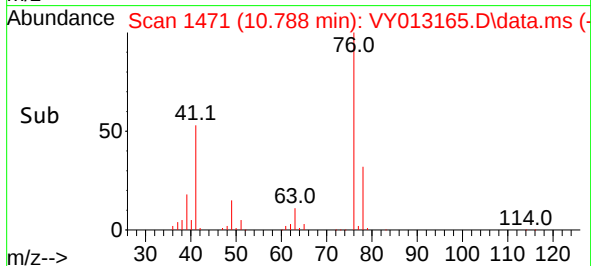
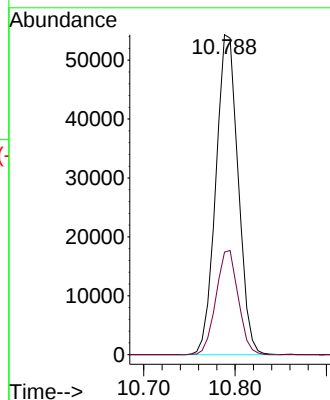
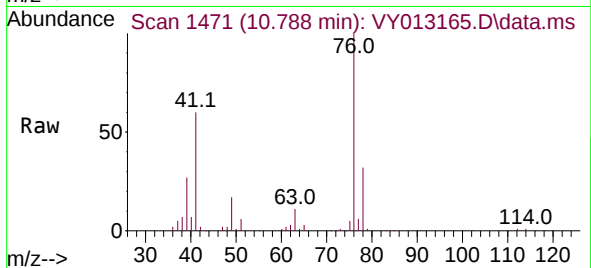
78 32.4 26.2 39.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/04/2023

Supervised By :Mahesh Dadoda 04/04/2023



#58

2-Chloroethyl Vinyl ether

Concen: 230.850 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VY013165.D

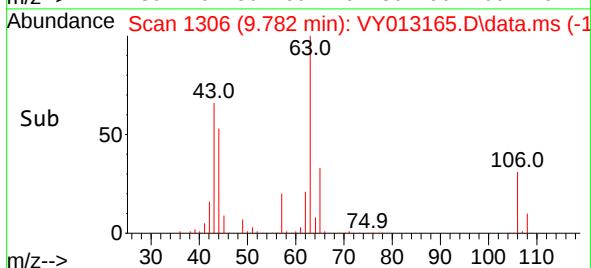
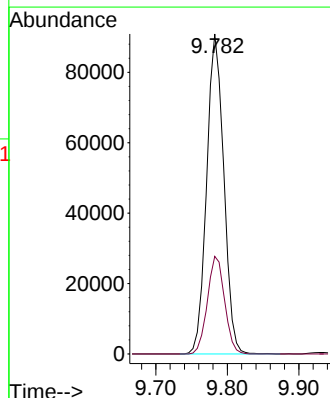
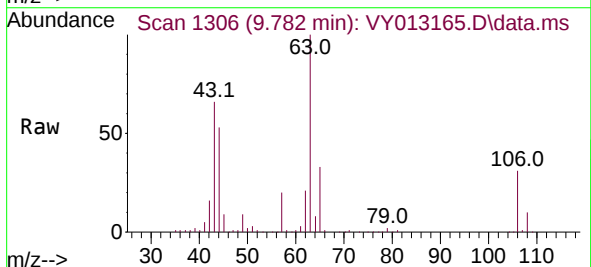
Acq: 03 Apr 2023 10:21

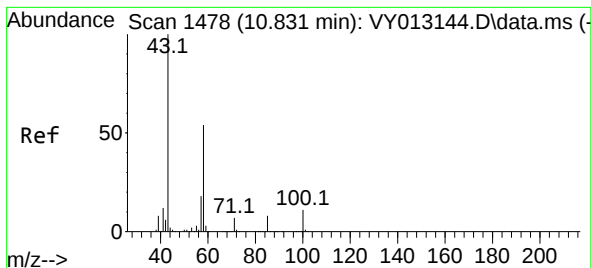
Tgt Ion: 63 Resp: 151061

Ion Ratio Lower Upper

63 100

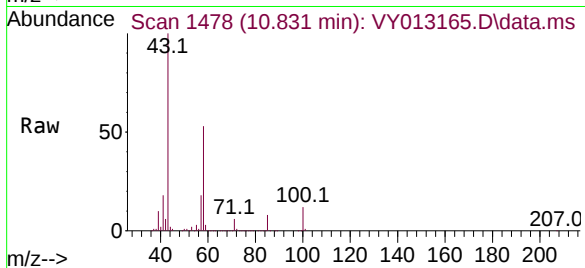
106 30.6 22.1 33.1





#59
2-Hexanone
Concen: 266.650 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY013165.D
Acq: 03 Apr 2023 10:21

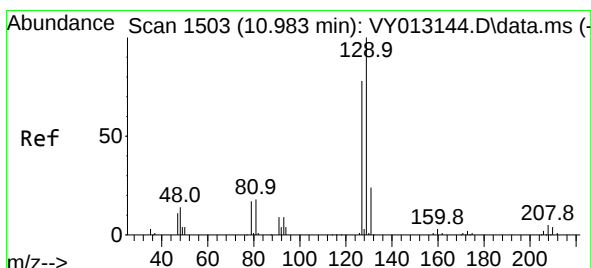
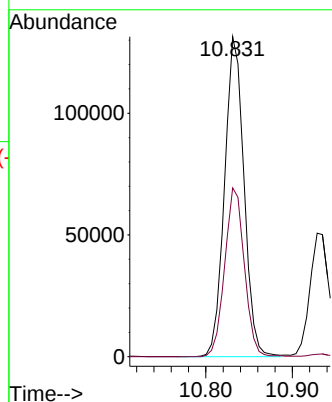
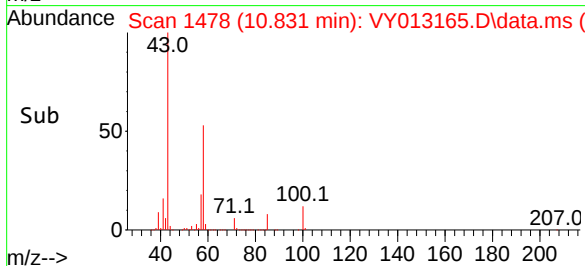
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 205108
Ion Ratio Lower Upper
43 100
58 53.3 25.9 77.8

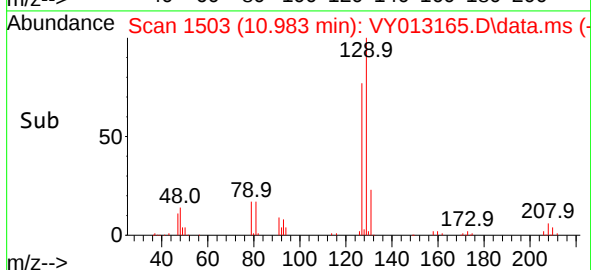
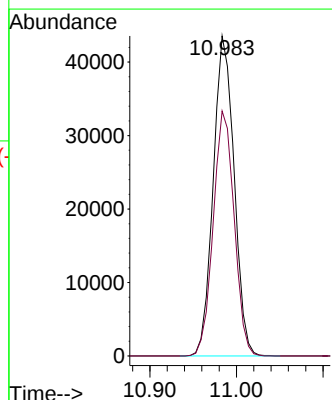
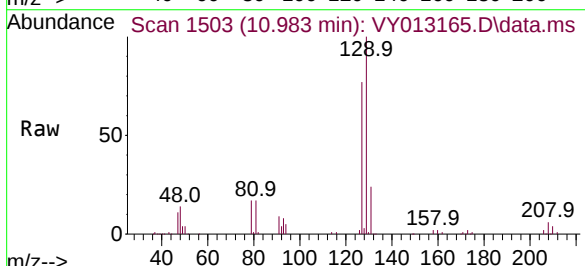
Manual Integrations
APPROVED

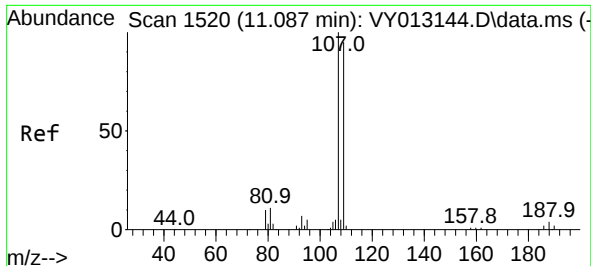
Reviewed By :Krupa Patel 04/04/2023
Supervised By :Mahesh Dadoda 04/04/2023



#60
Dibromochloromethane
Concen: 52.139 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY013165.D
Acq: 03 Apr 2023 10:21

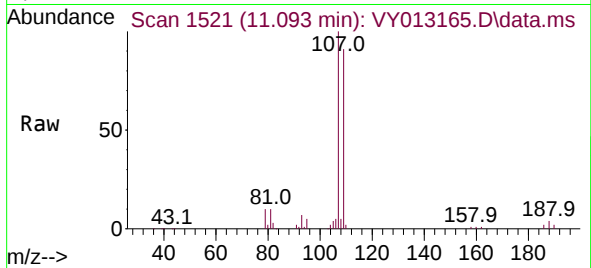
Tgt Ion:129 Resp: 72890
Ion Ratio Lower Upper
129 100
127 76.8 38.7 116.1





#61
1,2-Dibromoethane
Concen: 49.849 ug/l
RT: 11.093 min Scan# 1521
Delta R.T. 0.006 min
Lab File: VY013165.D
Acq: 03 Apr 2023 10:21

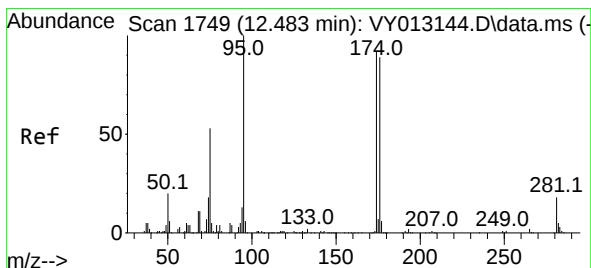
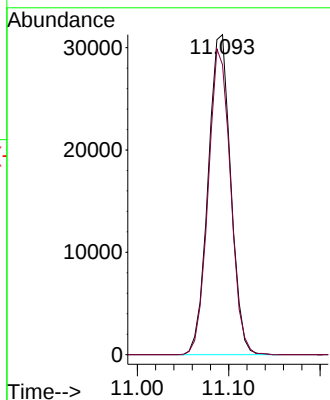
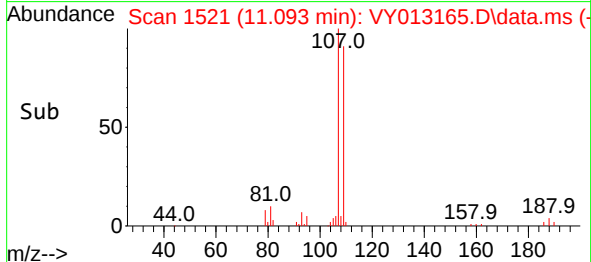
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion:107 Resp: 5376
Ion Ratio Lower Upper
107 100
109 94.3 75.0 112.6

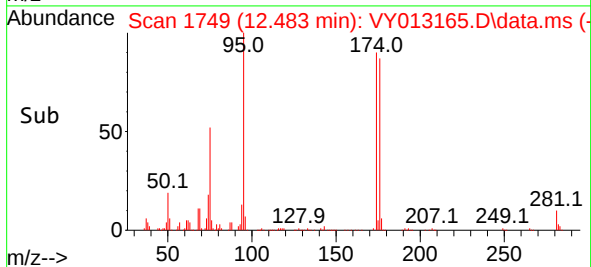
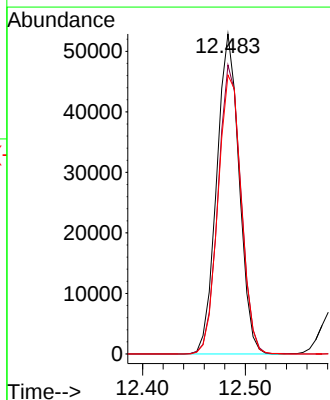
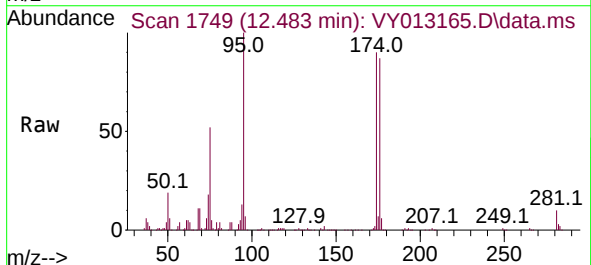
Manual Integrations
APPROVED

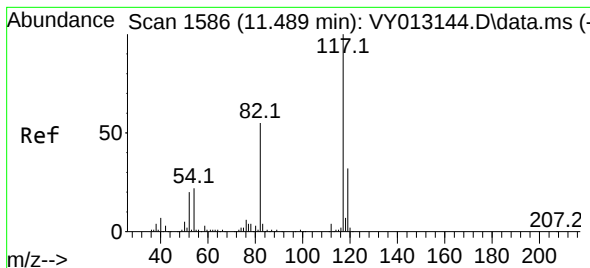
Reviewed By :Krupa Patel 04/04/2023
Supervised By :Mahesh Dadoda 04/04/2023



#62
4-Bromofluorobenzene
Concen: 50.596 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY013165.D
Acq: 03 Apr 2023 10:21

Tgt Ion: 95 Resp: 80043
Ion Ratio Lower Upper
95 100
174 92.1 0.0 176.6
176 90.2 0.0 170.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY013165.D

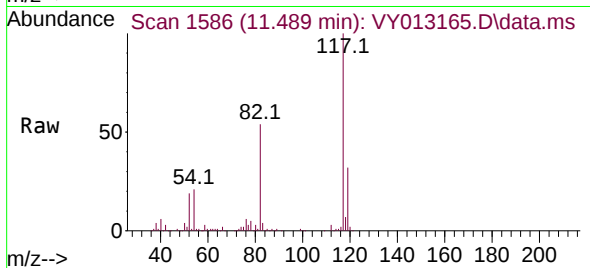
Acq: 03 Apr 2023 10:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050



Tgt Ion:117 Resp: 17674

Ion Ratio Lower Upper

117 100

82 54.4 45.4 68.0

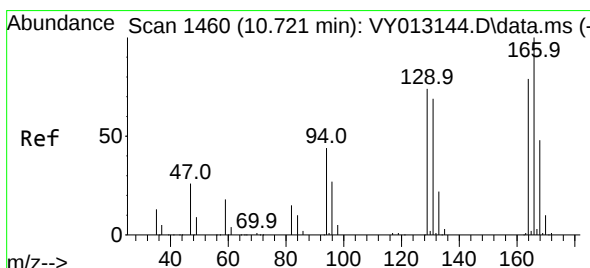
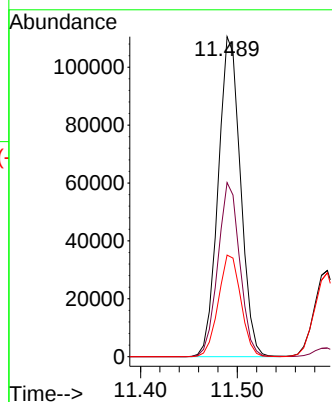
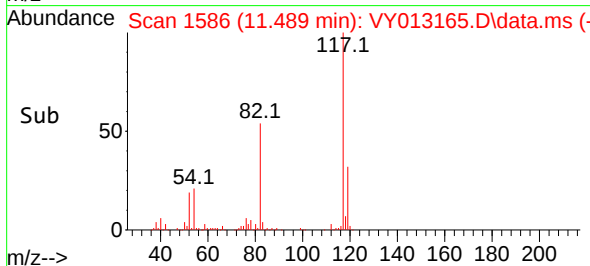
119 31.7 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/04/2023

Supervised By :Mahesh Dadoda 04/04/2023



#64

Tetrachloroethene

Concen: 52.599 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VY013165.D

Acq: 03 Apr 2023 10:21

Tgt Ion:164 Resp: 71469

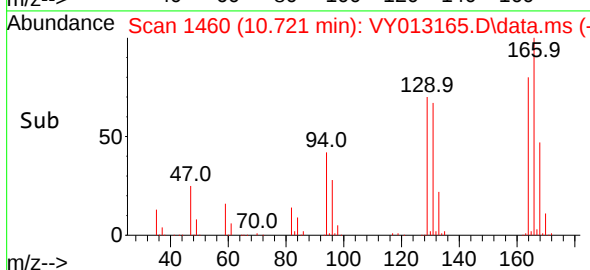
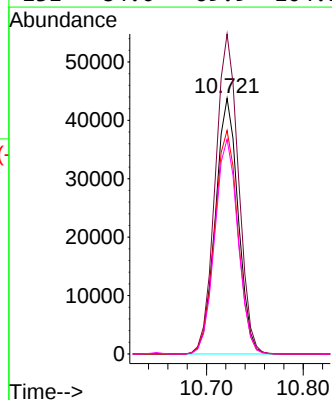
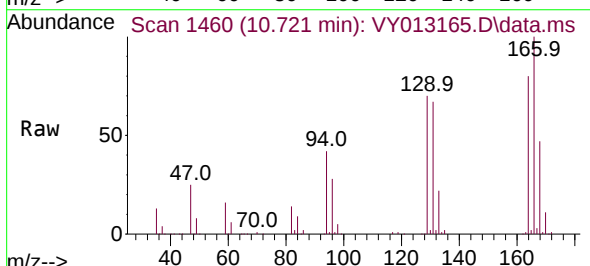
Ion Ratio Lower Upper

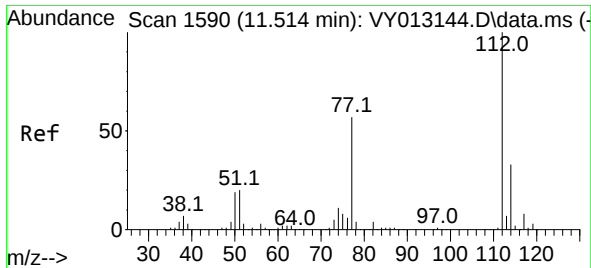
164 100

166 125.2 103.4 155.2

129 87.5 71.4 107.2

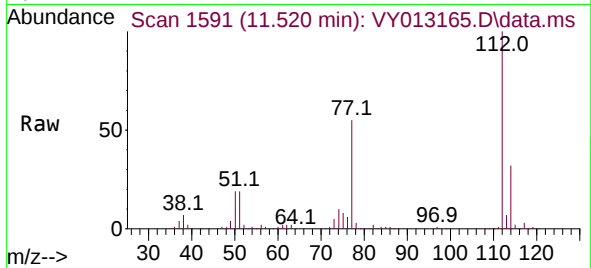
131 84.0 69.9 104.9





#65
Chlorobenzene
Concen: 50.548 ug/l
RT: 11.520 min Scan# 11590
Delta R.T. 0.006 min
Lab File: VY013165.D
Acq: 03 Apr 2023 10:21

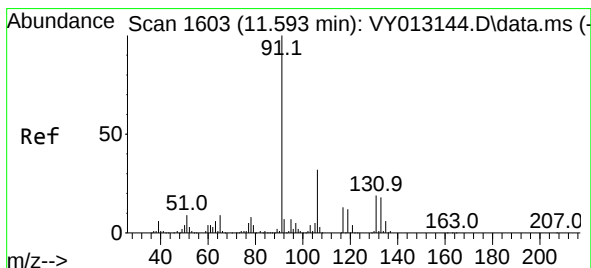
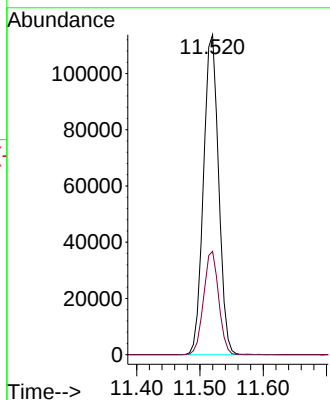
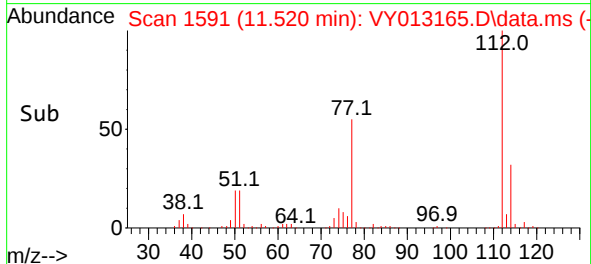
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion:112 Resp: 189660
Ion Ratio Lower Upper
112 100
114 32.3 24.5 36.7

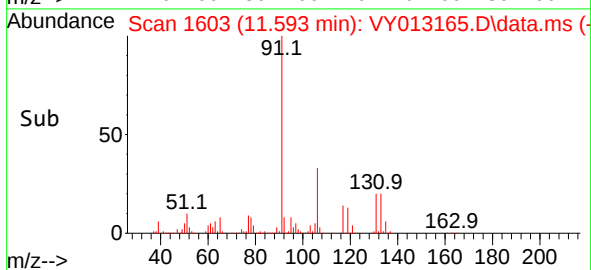
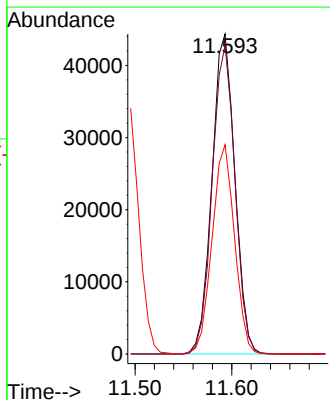
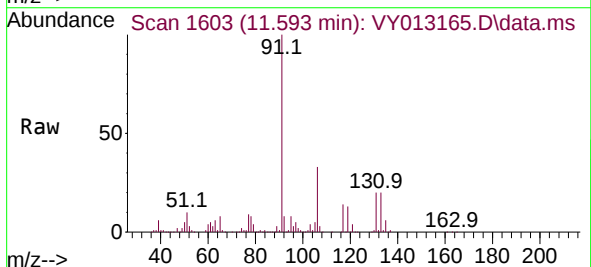
Manual Integrations
APPROVED

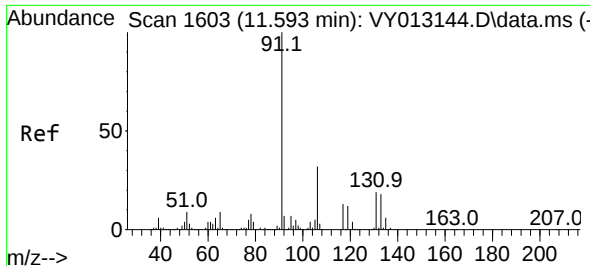
Reviewed By :Krupa Patel 04/04/2023
Supervised By :Mahesh Dadoda 04/04/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 51.991 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY013165.D
Acq: 03 Apr 2023 10:21

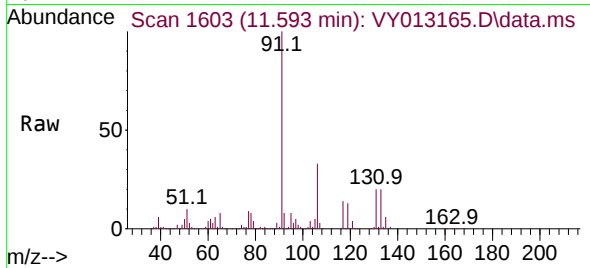
Tgt Ion:131 Resp: 73133
Ion Ratio Lower Upper
131 100
133 95.3 48.0 144.0
119 64.1 32.6 98.0





#67
Ethyl Benzene
Concen: 52.008 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY013165.D
Acq: 03 Apr 2023 10:21

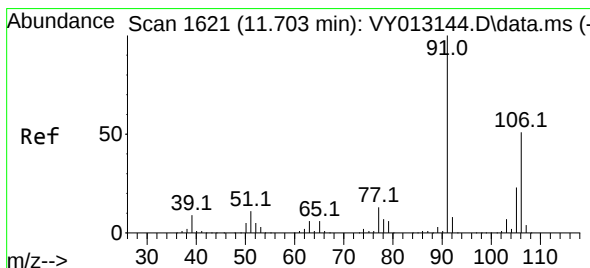
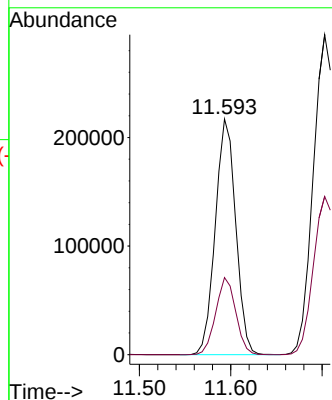
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 33703
Ion Ratio Lower Upper
91 100
106 32.7 25.1 37.7

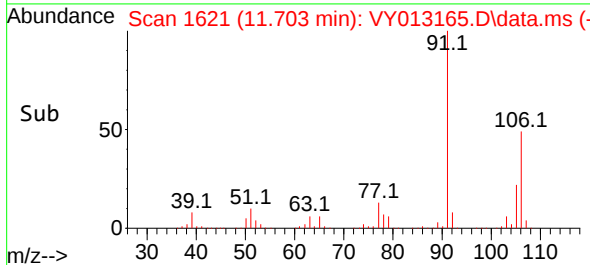
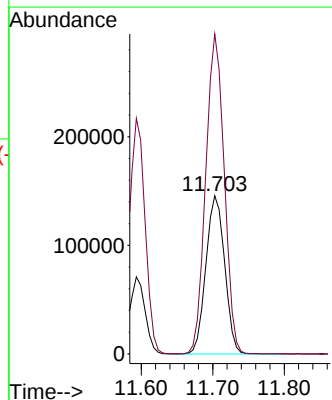
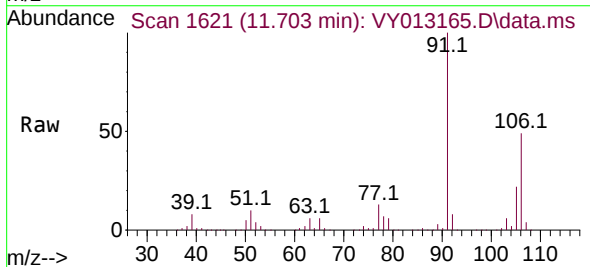
Manual Integrations
APPROVED

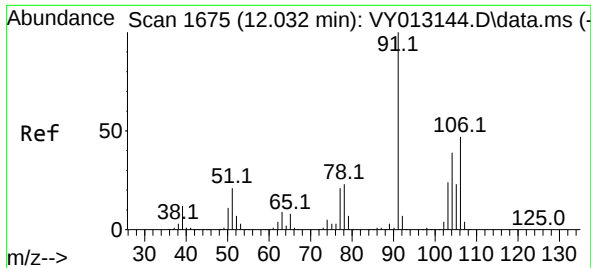
Reviewed By :Krupa Patel 04/04/2023
Supervised By :Mahesh Dadoda 04/04/2023



#68
m/p-Xylenes
Concen: 105.812 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY013165.D
Acq: 03 Apr 2023 10:21

Tgt Ion:106 Resp: 265254
Ion Ratio Lower Upper
106 100
91 199.4 159.8 239.8





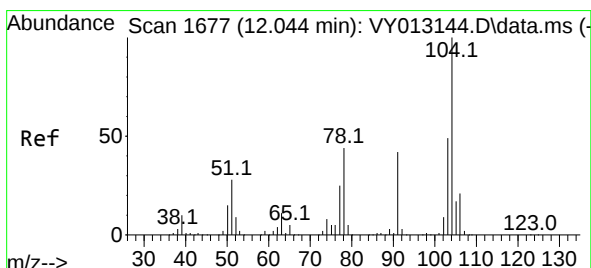
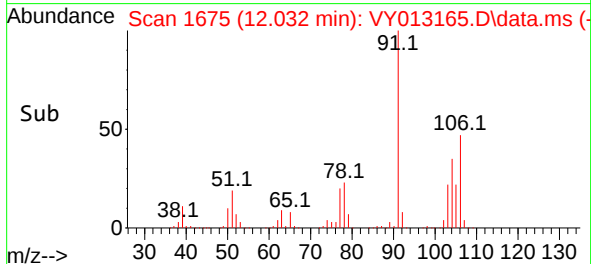
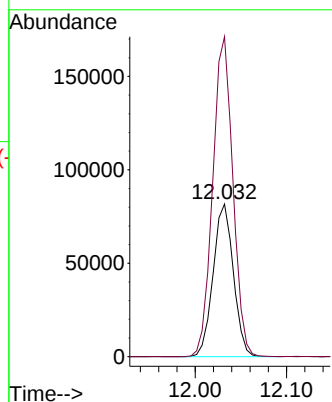
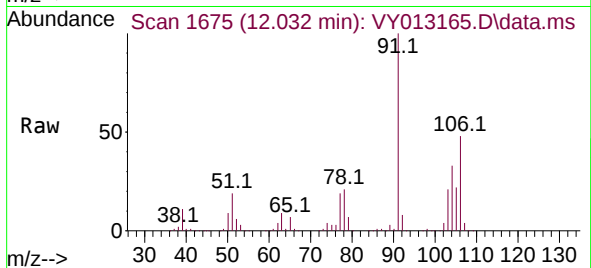
#69
o-Xylene
Concen: 54.073 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY013165.D
Acq: 03 Apr 2023 10:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 125733
Ion Ratio Lower Upper
106 100
91 208.6 107.2 321.6

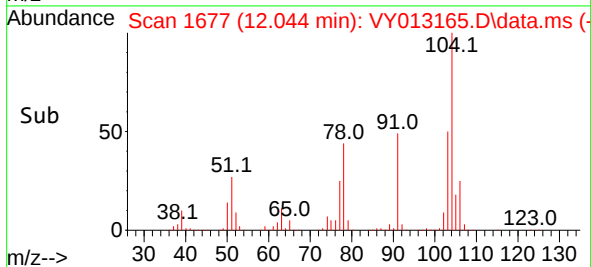
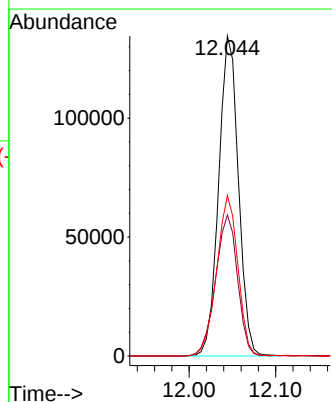
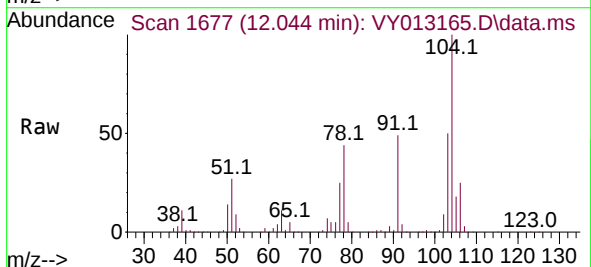
Manual Integrations
APPROVED

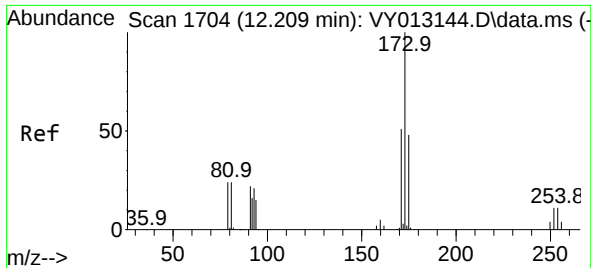
Reviewed By :Krupa Patel 04/04/2023
Supervised By :Mahesh Dadoda 04/04/2023



#70
Styrene
Concen: 54.778 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY013165.D
Acq: 03 Apr 2023 10:21

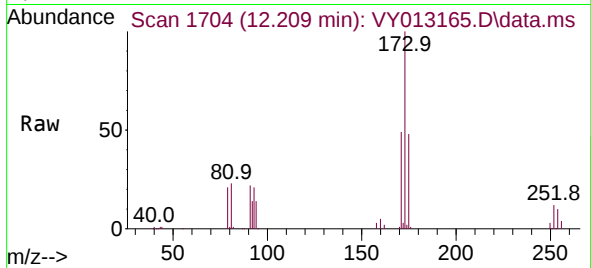
Tgt Ion:104 Resp: 213068
Ion Ratio Lower Upper
104 100
78 48.9 39.2 58.8
103 53.9 43.7 65.5





#71
Bromoform
Concen: 55.217 ug/l
RT: 12.209 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VY013165.D
Acq: 03 Apr 2023 10:21

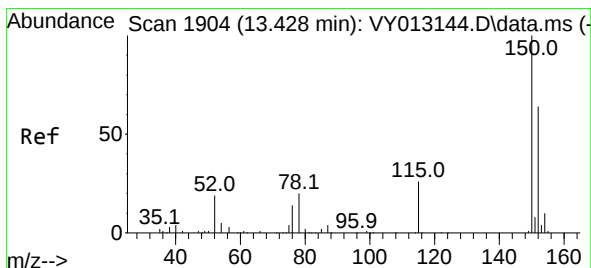
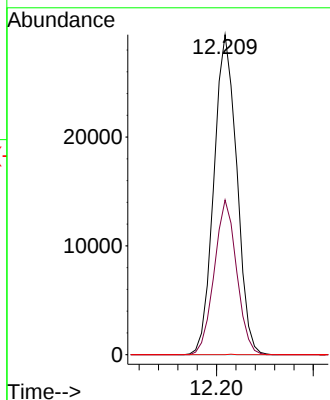
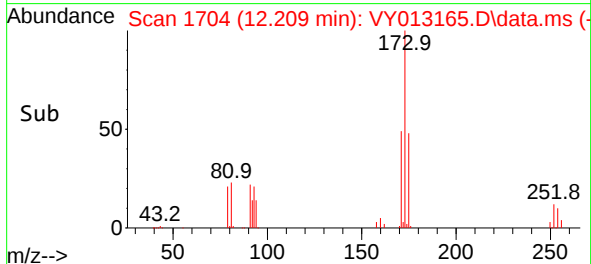
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion:173 Resp: 4816
Ion Ratio Lower Upper
173 100
175 47.3 25.0 75.0
254 0.0 0.2 0.2

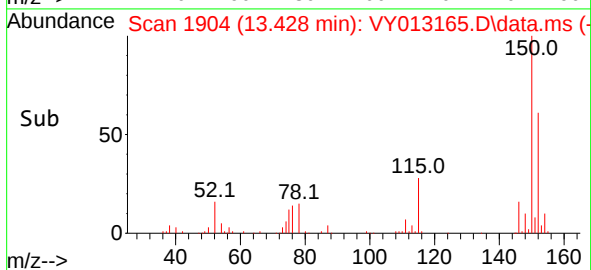
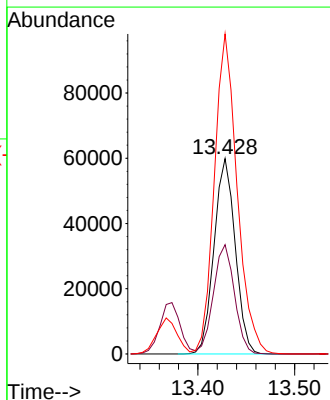
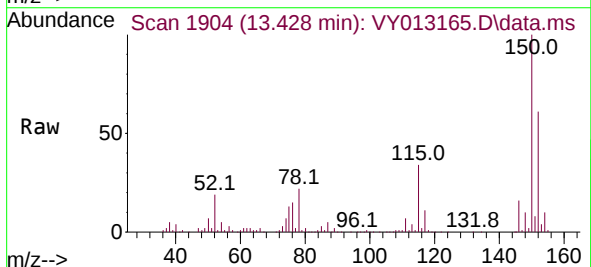
Manual Integrations
APPROVED

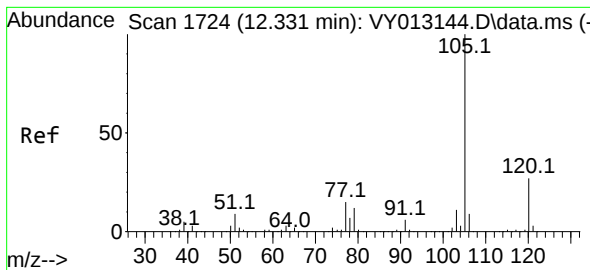
Reviewed By :Krupa Patel 04/04/2023
Supervised By :Mahesh Dadoda 04/04/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY013165.D
Acq: 03 Apr 2023 10:21

Tgt Ion:152 Resp: 91082
Ion Ratio Lower Upper
152 100
115 55.5 27.1 81.3
150 176.2 0.0 347.8





#73

Isopropylbenzene

Concen: 52.594 ug/l

RT: 12.331 min Scan# 1724

Delta R.T. -0.000 min

Lab File: VY013165.D

Acq: 03 Apr 2023 10:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 33066

Ion Ratio Lower Upper

105 100

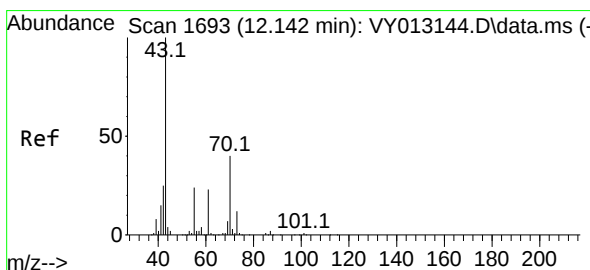
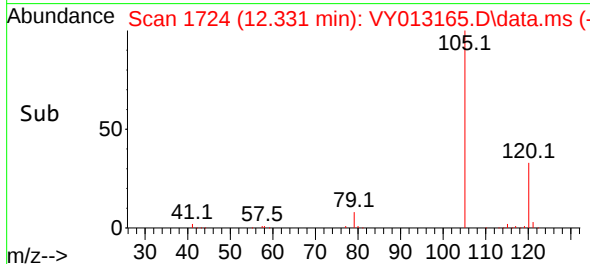
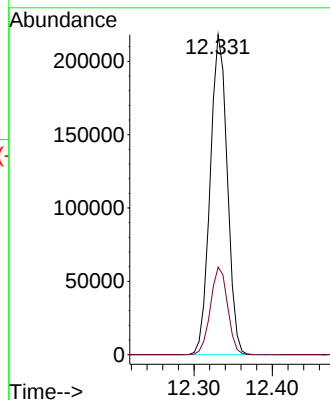
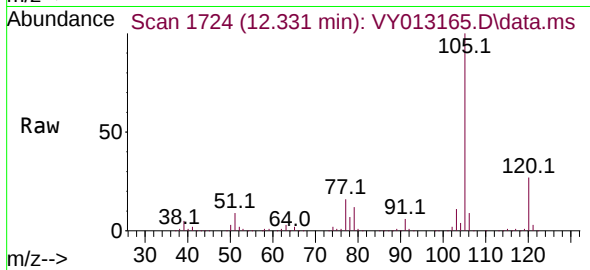
120 27.3 13.4 40.2

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/04/2023

Supervised By :Mahesh Dadoda 04/04/2023



#74

N-ethyl acetate

Concen: 48.634 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VY013165.D

Acq: 03 Apr 2023 10:21

Tgt Ion: 43 Resp: 83954

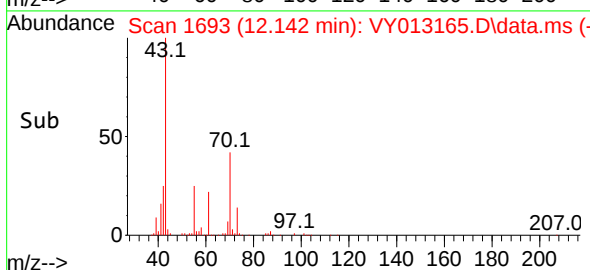
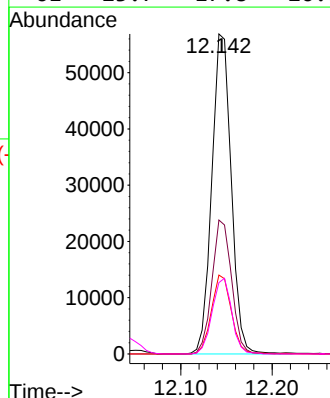
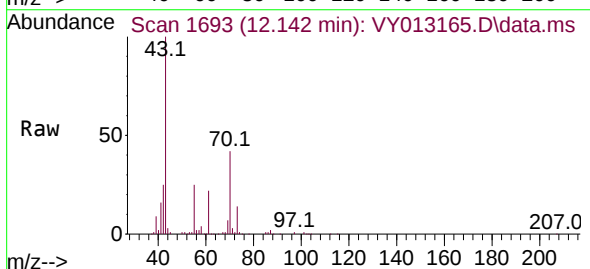
Ion Ratio Lower Upper

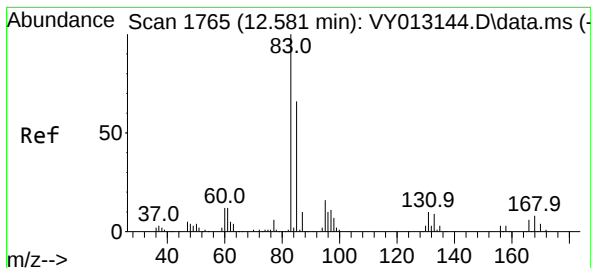
43 100

70 42.3 31.6 47.4

55 25.2 18.8 28.2

61 23.7 17.8 26.8





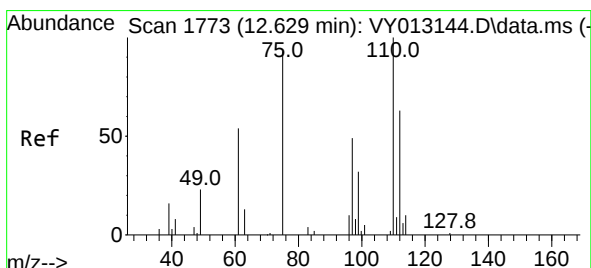
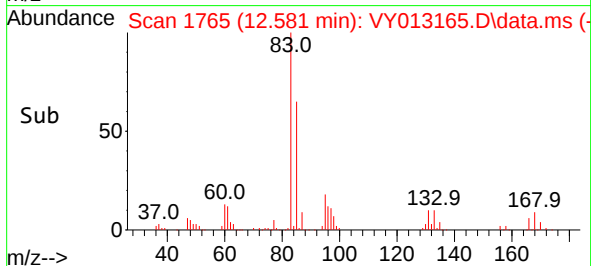
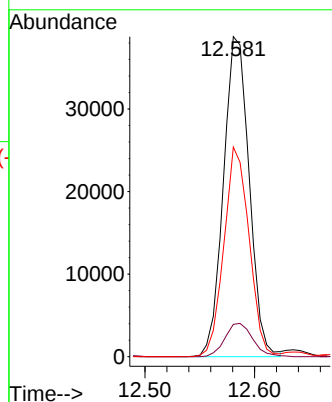
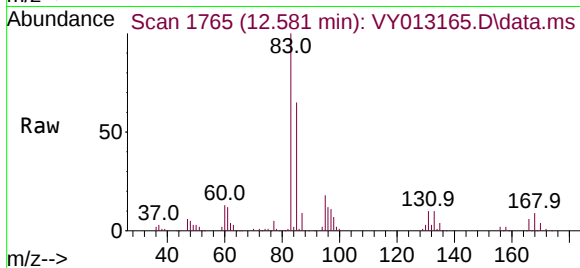
#75
1,1,2,2-Tetrachloroethane
Concen: 48.036 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY013165.D
Acq: 03 Apr 2023 10:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 63262
Ion Ratio Lower Upper
83 100
131 11.2 5.1 15.2
85 64.1 31.8 95.3

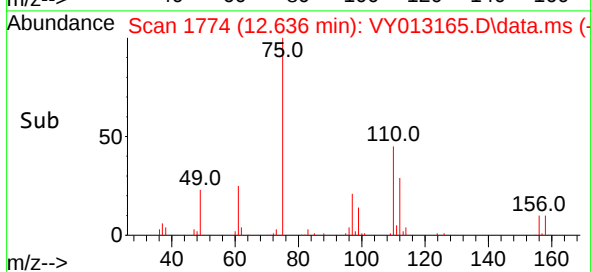
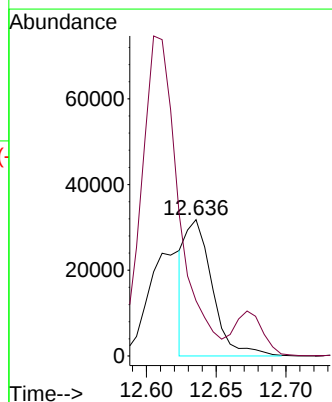
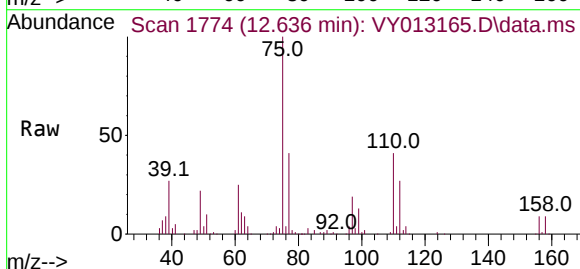
Manual Integrations
APPROVED

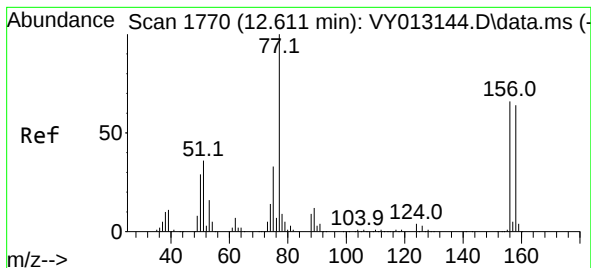
Reviewed By :Krupa Patel 04/04/2023
Supervised By :Mahesh Dadoda 04/04/2023



#76
1,2,3-Trichloropropane
Concen: 42.027 ug/l m
RT: 12.636 min Scan# 1774
Delta R.T. 0.007 min
Lab File: VY013165.D
Acq: 03 Apr 2023 10:21

Tgt Ion: 75 Resp: 43002
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 52.167 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.000 min

Lab File: VY013165.D

Acq: 03 Apr 2023 10:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

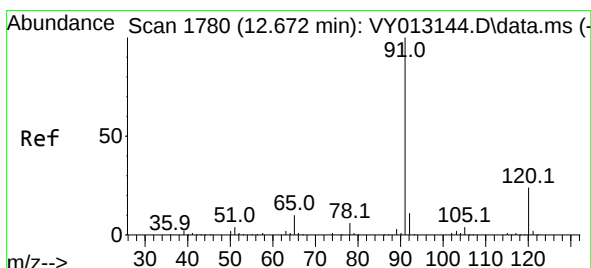
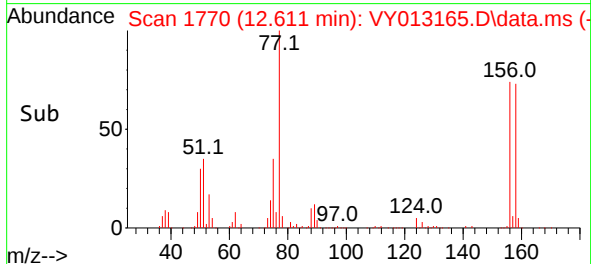
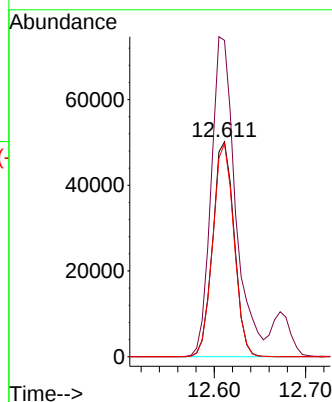
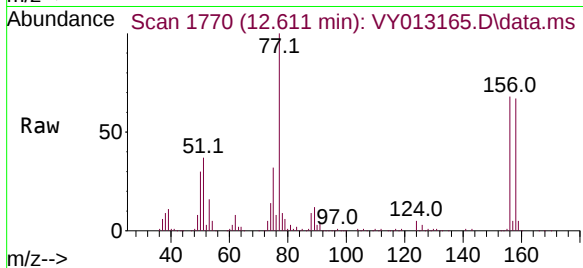
Tgt Ion:	156	Resp:	8154
Ion Ratio	Lower	Upper	
156	100		
77	168.7	94.0	282.1
158	98.0	48.1	144.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/04/2023

Supervised By :Mahesh Dadoda 04/04/2023



#78

n-propylbenzene

Concen: 50.716 ug/l

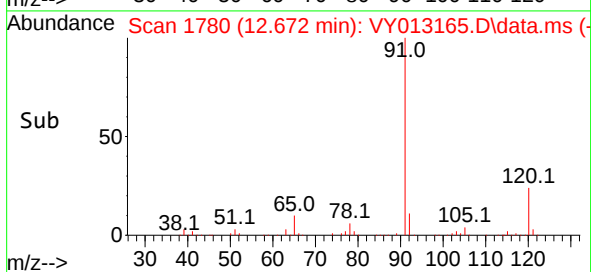
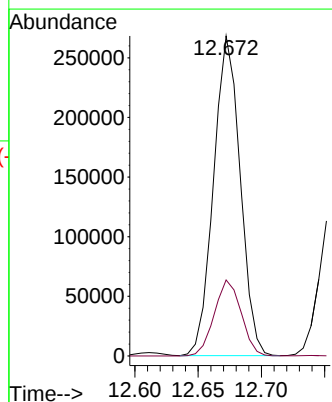
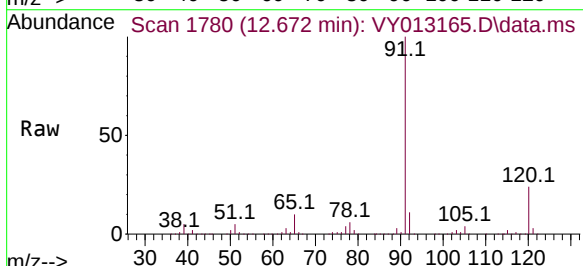
RT: 12.672 min Scan# 1780

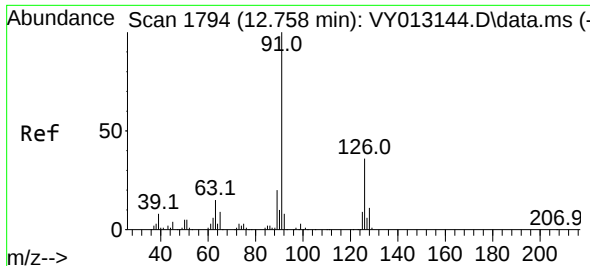
Delta R.T. 0.000 min

Lab File: VY013165.D

Acq: 03 Apr 2023 10:21

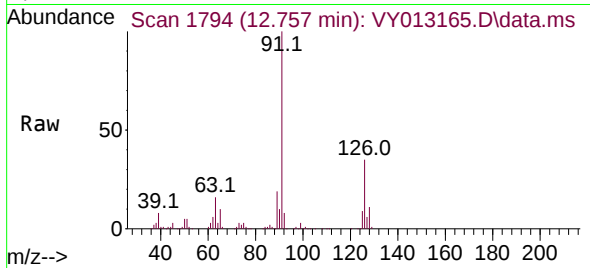
Tgt Ion:	91	Resp:	392057
Ion Ratio	Lower	Upper	
91	100		
120	23.9	11.6	34.8





#79
2-Chlorotoluene
Concen: 50.321 ug/l
RT: 12.757 min Scan# 1794
Delta R.T. -0.001 min
Lab File: VY013165.D
Acq: 03 Apr 2023 10:21

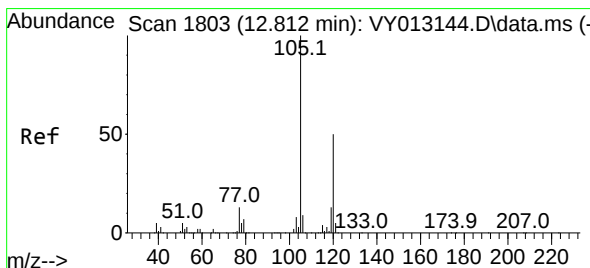
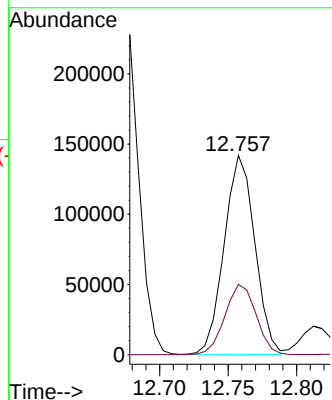
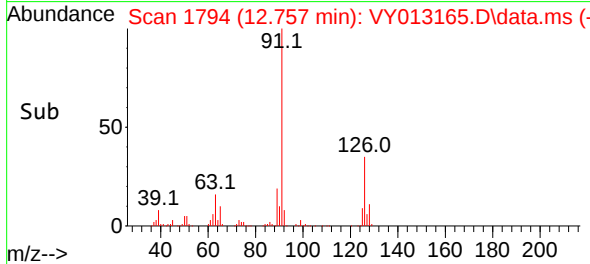
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 220735
Ion Ratio Lower Upper
91 100
126 35.9 17.4 52.2

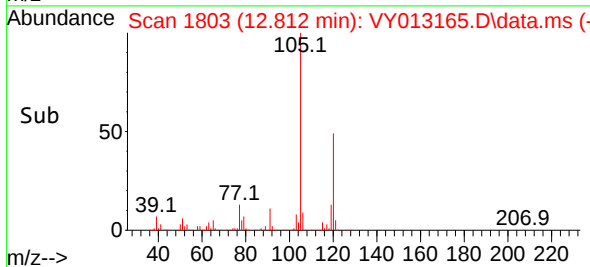
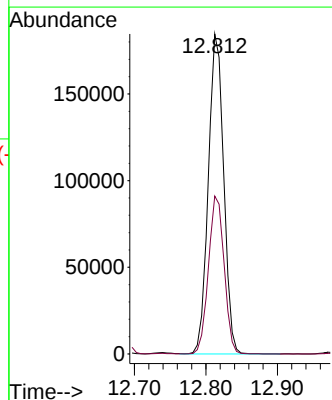
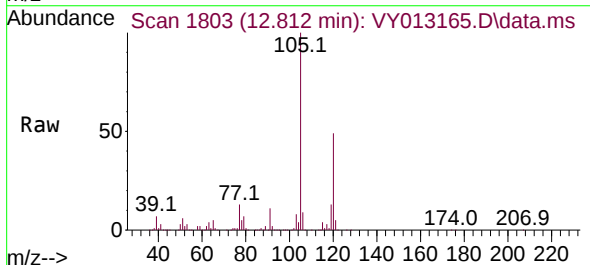
Manual Integrations
APPROVED

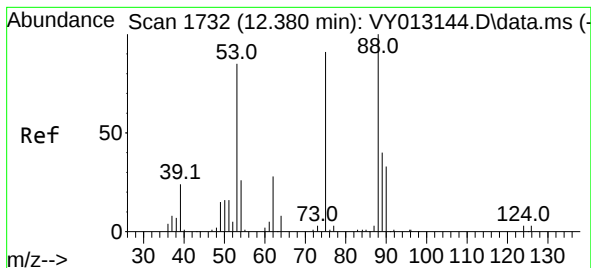
Reviewed By :Krupa Patel 04/04/2023
Supervised By :Mahesh Dadoda 04/04/2023



#80
1,3,5-Trimethylbenzene
Concen: 52.533 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY013165.D
Acq: 03 Apr 2023 10:21

Tgt Ion:105 Resp: 276136
Ion Ratio Lower Upper
105 100
120 50.3 24.8 74.4





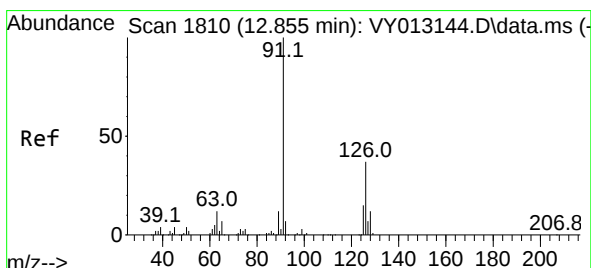
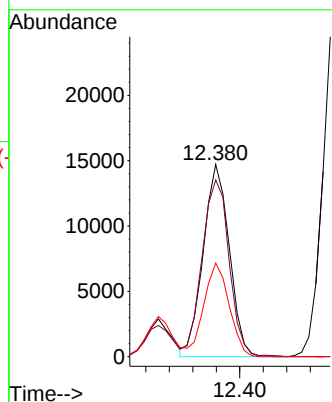
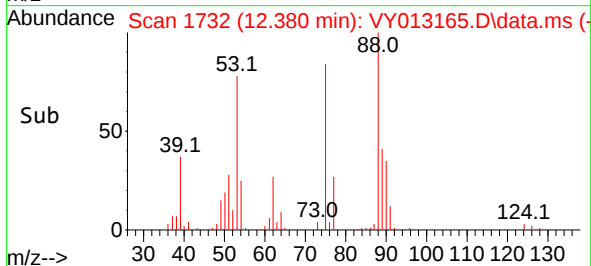
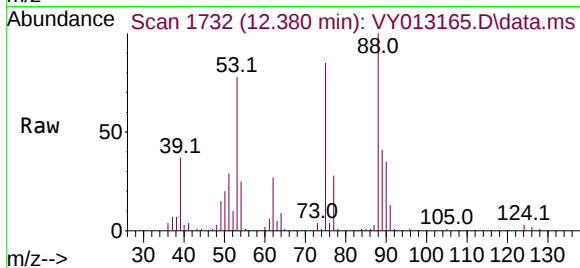
#81
trans-1,4-Dichloro-2-butene
Concen: 49.469 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. -0.001 min
Lab File: VY013165.D
Acq: 03 Apr 2023 10:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 2269
Ion Ratio Lower Upper
75 100
53 95.7 73.4 110.0
89 46.7 36.6 55.0

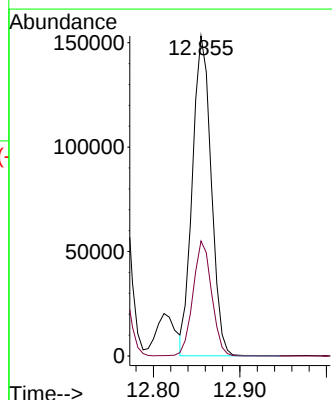
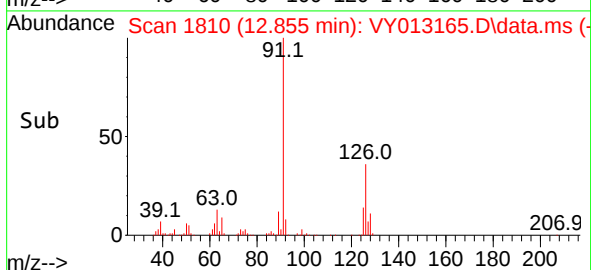
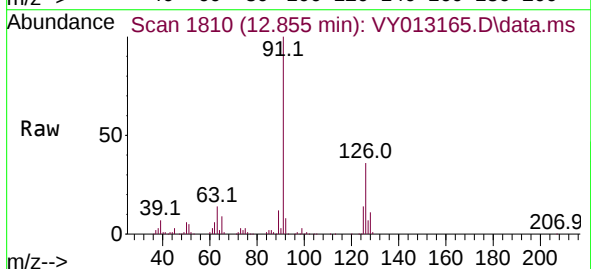
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APPROVED

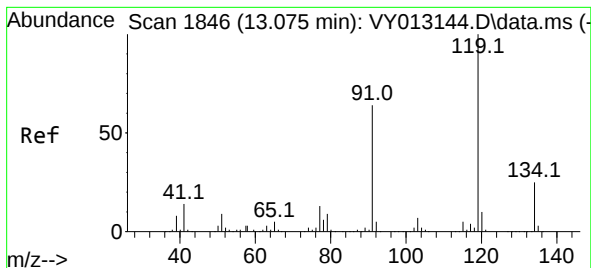
Reviewed By :Krupa Patel 04/04/2023
Supervised By :Mahesh Dadoda 04/04/2023



#82
4-Chlorotoluene
Concen: 50.457 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY013165.D
Acq: 03 Apr 2023 10:21

Tgt Ion: 91 Resp: 230350
Ion Ratio Lower Upper
91 100
126 35.7 17.7 53.1





#83

tert-Butylbenzene

Concen: 53.125 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. -0.000 min

Lab File: VY013165.D

Acq: 03 Apr 2023 10:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion:119 Resp: 23985

Ion Ratio Lower Upper

119 100

91 64.8 32.8 98.3

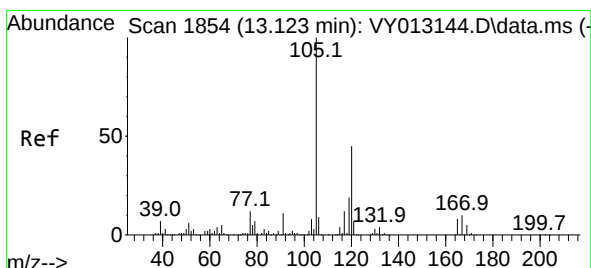
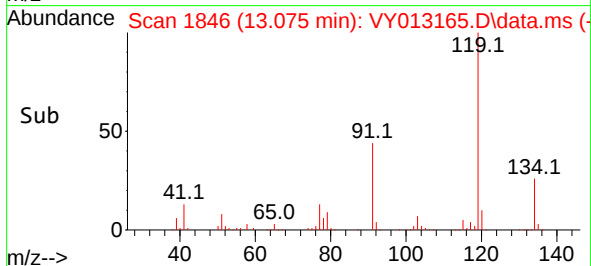
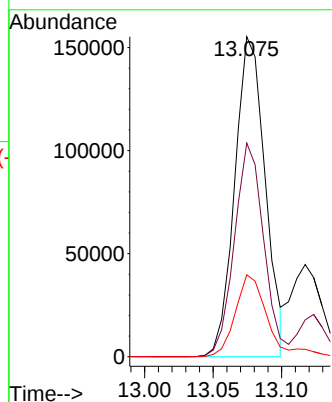
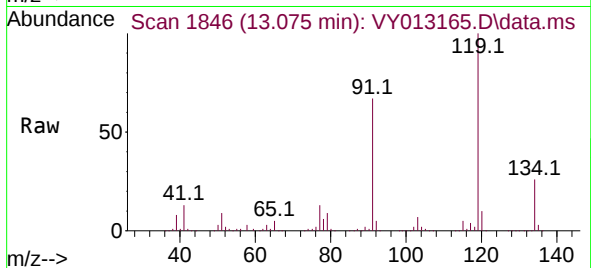
134 27.1 13.6 40.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/04/2023

Supervised By :Mahesh Dadoda 04/04/2023



#84

1,2,4-Trimethylbenzene

Concen: 52.929 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.000 min

Lab File: VY013165.D

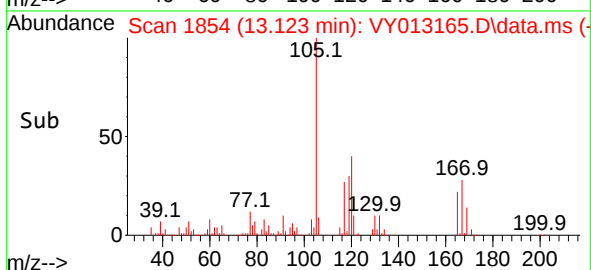
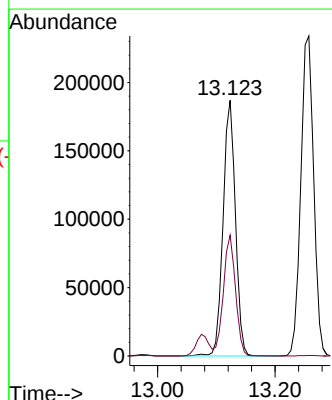
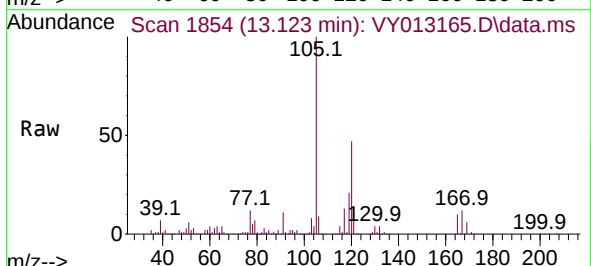
Acq: 03 Apr 2023 10:21

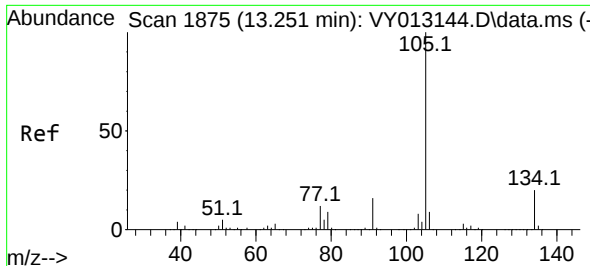
Tgt Ion:105 Resp: 272461

Ion Ratio Lower Upper

105 100

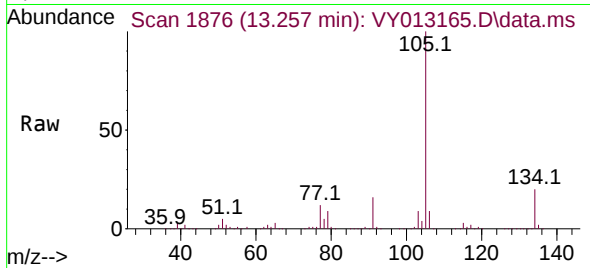
120 46.6 23.0 69.0





#85
 sec-Butylbenzene
 Concen: 52.047 ug/l
 RT: 13.257 min Scan# 1875
 Delta R.T. 0.006 min
 Lab File: VY013165.D
 Acq: 03 Apr 2023 10:21

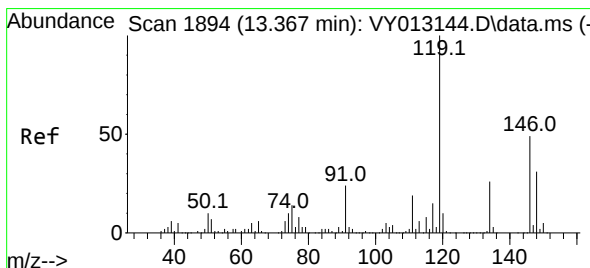
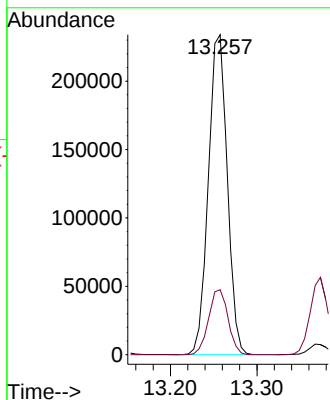
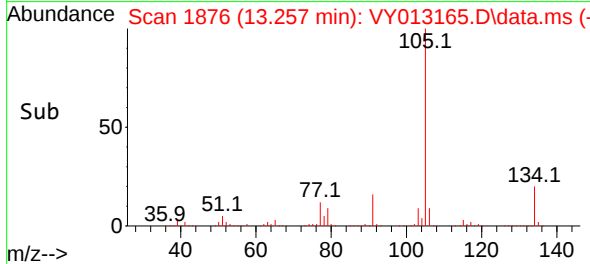
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050



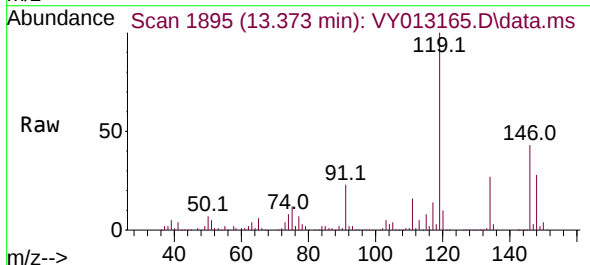
Tgt Ion:105 Resp: 35480
 Ion Ratio Lower Upper
 105 100
 134 20.9 10.4 31.1

Manual Integrations
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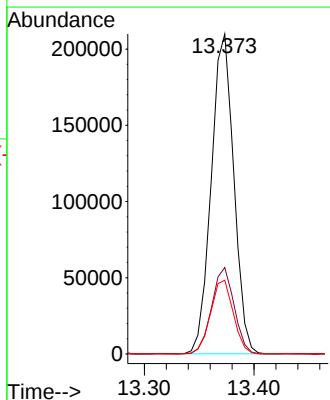
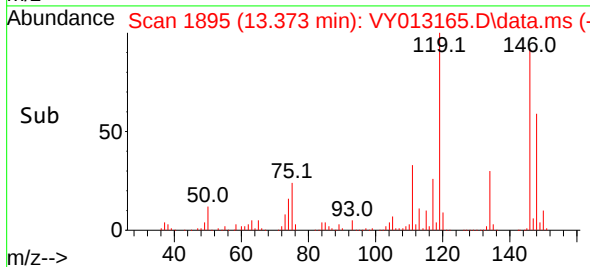
Reviewed By :Krupa Patel 04/04/2023
 Supervised By :Mahesh Dadoda 04/04/2023

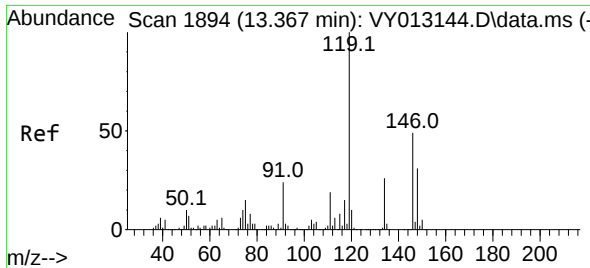


#86
 p-Isopropyltoluene
 Concen: 53.397 ug/l
 RT: 13.373 min Scan# 1895
 Delta R.T. 0.006 min
 Lab File: VY013165.D
 Acq: 03 Apr 2023 10:21



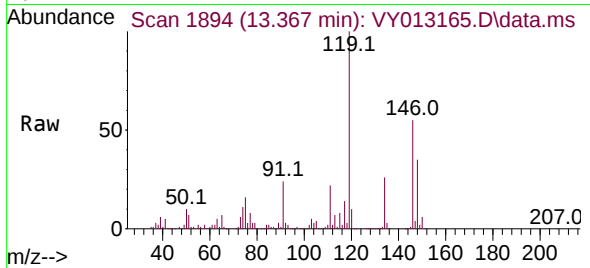
Tgt Ion:119 Resp: 299668
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.2 39.6
 91 23.3 11.8 35.3





#87
1,3-Dichlorobenzene
Concen: 51.601 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY013165.D
Acq: 03 Apr 2023 10:21

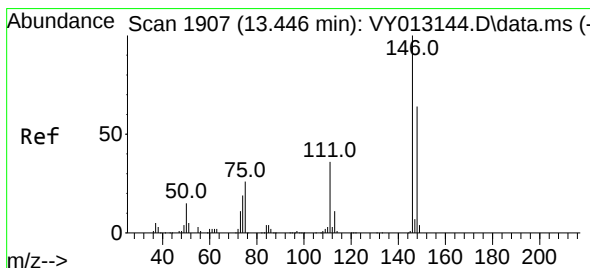
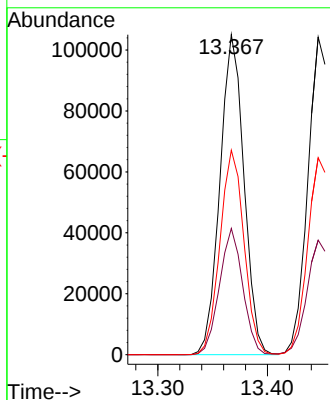
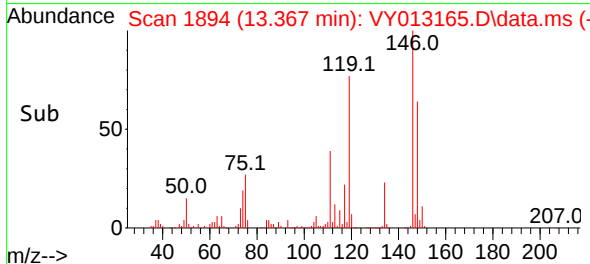
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



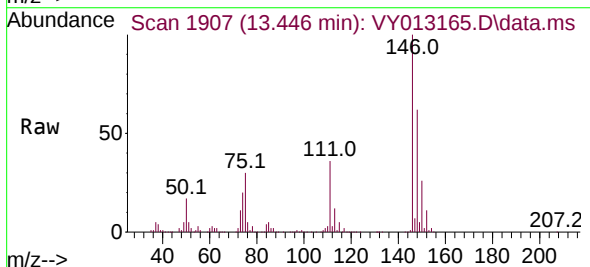
Tgt Ion:146 Resp: 159892
Ion Ratio Lower Upper
146 100
111 38.3 19.1 57.5
148 64.0 31.8 95.3

Manual Integrations
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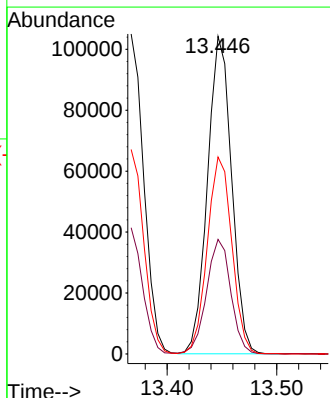
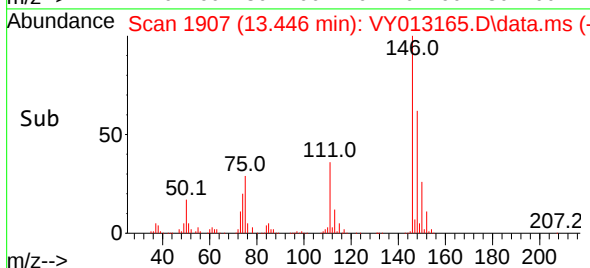
Reviewed By :Krupa Patel 04/04/2023
Supervised By :Mahesh Dadoda 04/04/2023

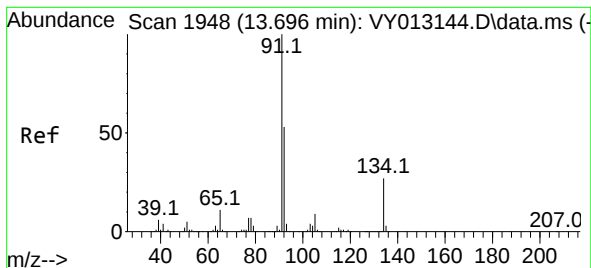


#88
1,4-Dichlorobenzene
Concen: 51.333 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY013165.D
Acq: 03 Apr 2023 10:21



Tgt Ion:146 Resp: 159390
Ion Ratio Lower Upper
146 100
111 36.4 18.6 55.8
148 63.2 31.5 94.5





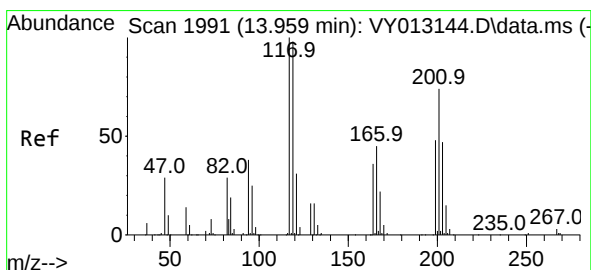
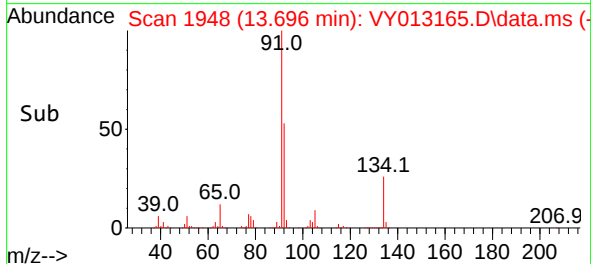
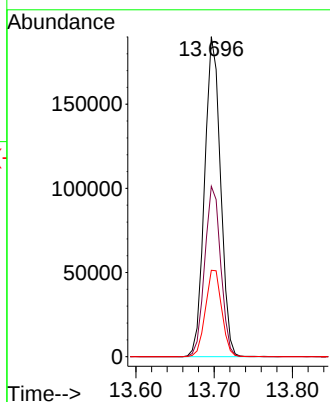
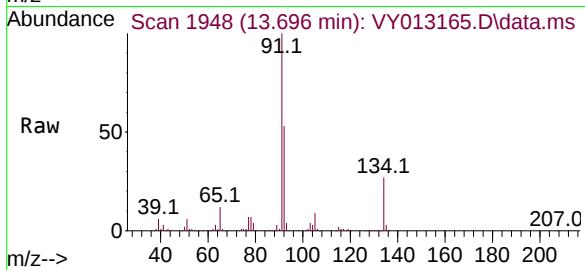
#89
n-Butylbenzene
Concen: 51.062 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY013165.D
Acq: 03 Apr 2023 10:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 26788
Ion Ratio Lower Upper
91 100
92 53.5 26.4 79.0
134 27.6 13.0 38.9

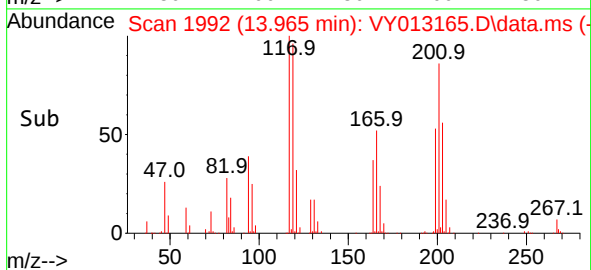
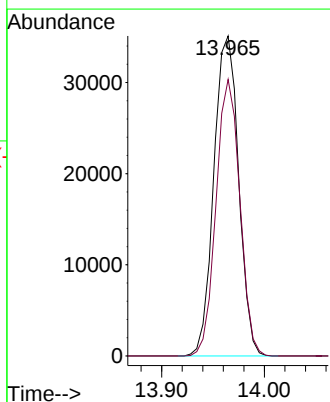
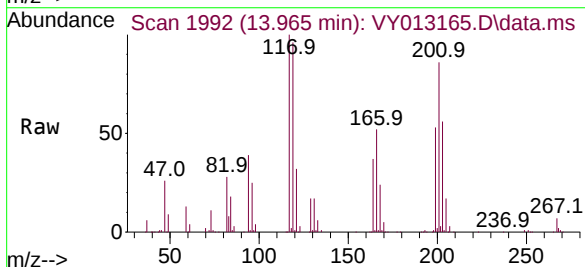
Manual Integrations
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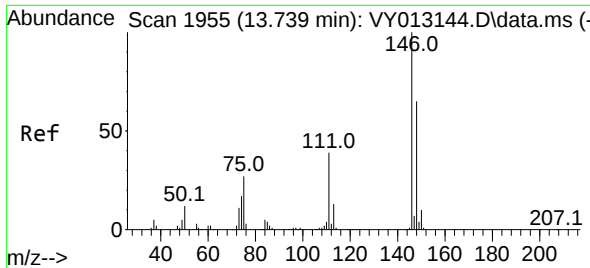
Reviewed By :Krupa Patel 04/04/2023
Supervised By :Mahesh Dadoda 04/04/2023



#90
Hexachloroethane
Concen: 50.180 ug/l
RT: 13.965 min Scan# 1992
Delta R.T. 0.006 min
Lab File: VY013165.D
Acq: 03 Apr 2023 10:21

Tgt Ion:117 Resp: 58665
Ion Ratio Lower Upper
117 100
201 83.0 39.4 118.1





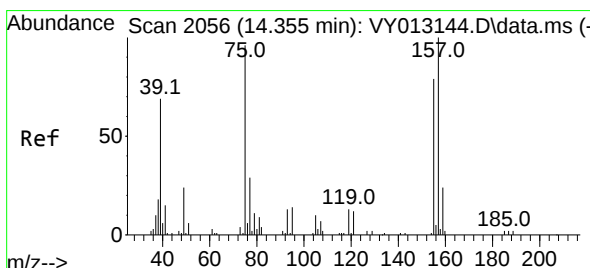
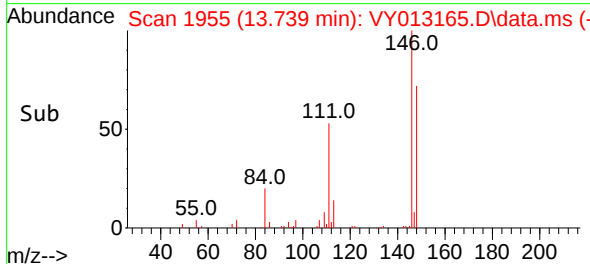
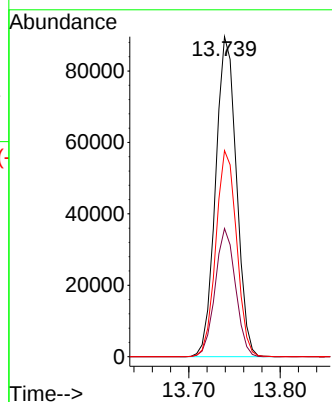
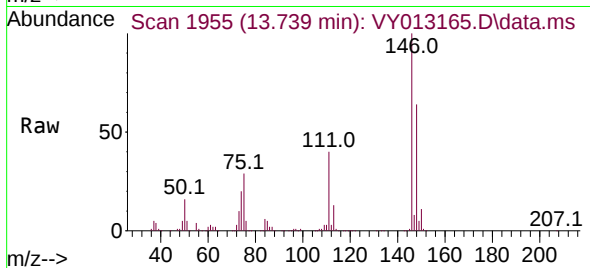
#91
1,2-Dichlorobenzene
Concen: 51.300 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY013165.D
Acq: 03 Apr 2023 10:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 14196
Ion Ratio Lower Upper
146 100
111 39.0 19.7 59.1
148 64.1 31.9 95.5

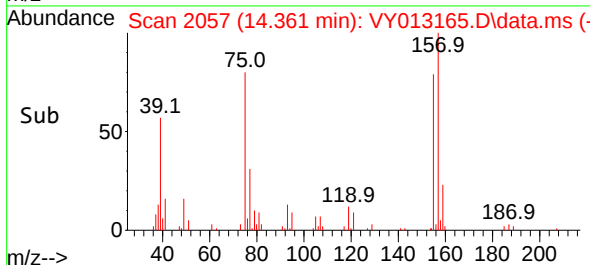
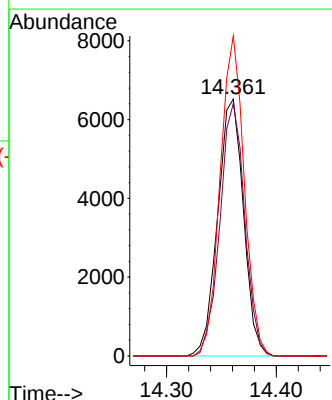
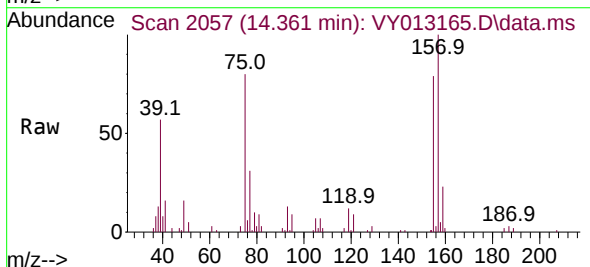
Manual Integrations
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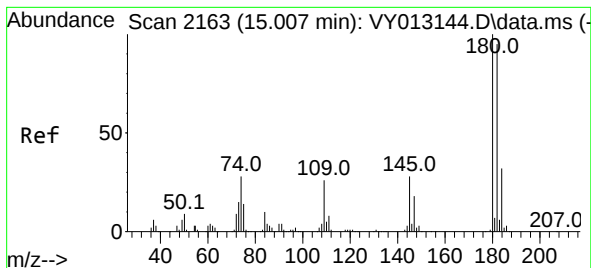
Reviewed By :Krupa Patel 04/04/2023
Supervised By :Mahesh Dadoda 04/04/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 48.502 ug/l
RT: 14.361 min Scan# 2057
Delta R.T. 0.006 min
Lab File: VY013165.D
Acq: 03 Apr 2023 10:21

Tgt Ion: 75 Resp: 10629
Ion Ratio Lower Upper
75 100
155 94.3 43.8 131.4
157 116.3 54.1 162.3





#93

1,2,4-Trichlorobenzene

Concen: 55.249 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY013165.D

Acq: 03 Apr 2023 10:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

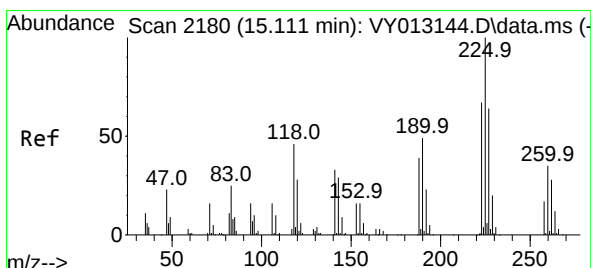
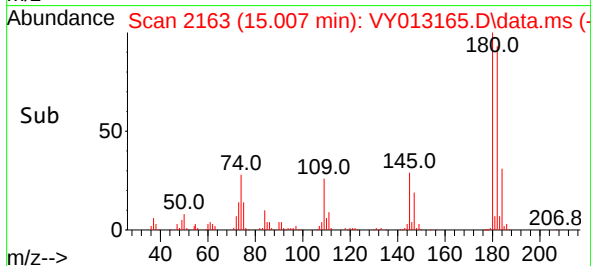
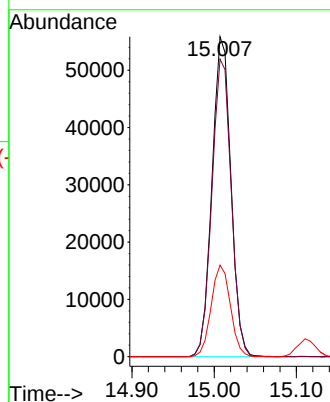
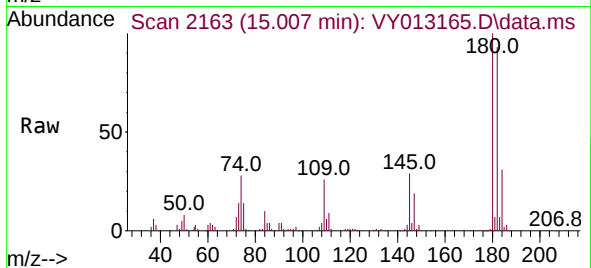
Tgt Ion:180	Resp:	89159
Ion Ratio	Lower	Upper
180	100	
182	94.7	46.7 140.1
145	29.0	14.6 43.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/04/2023

Supervised By :Mahesh Dadoda 04/04/2023



#94

Hexachlorobutadiene

Concen: 53.340 ug/l

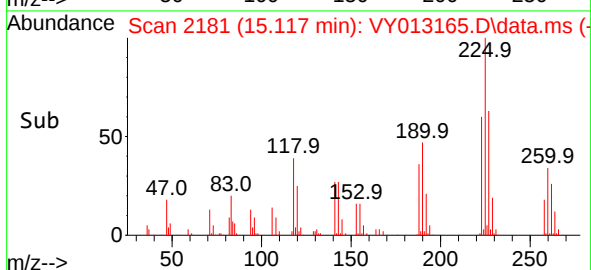
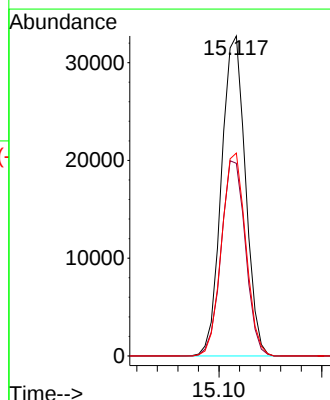
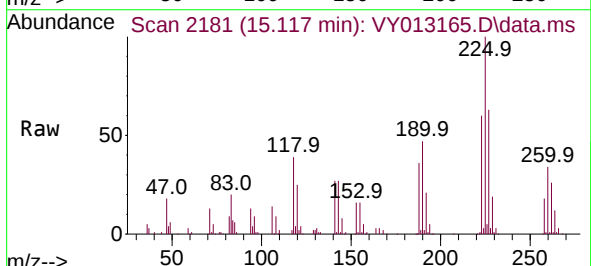
RT: 15.117 min Scan# 2181

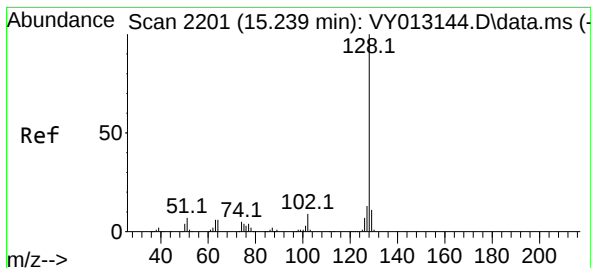
Delta R.T. 0.006 min

Lab File: VY013165.D

Acq: 03 Apr 2023 10:21

Tgt Ion:225	Resp:	52940
Ion Ratio	Lower	Upper
225	100	
223	61.7	31.1 93.3
227	63.9	32.4 97.0





#95

Naphthalene

Concen: 50.536 ug/l

RT: 15.239 min Scan# 2201

Delta R.T. -0.000 min

Lab File: VY013165.D

Acq: 03 Apr 2023 10:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

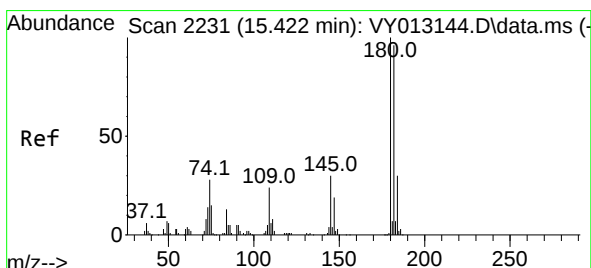
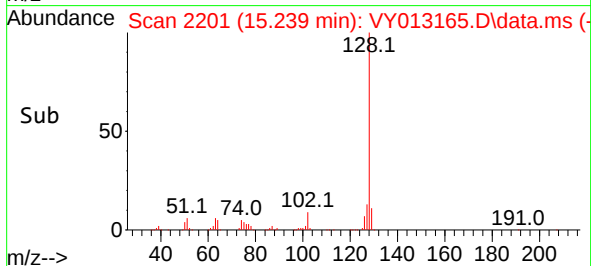
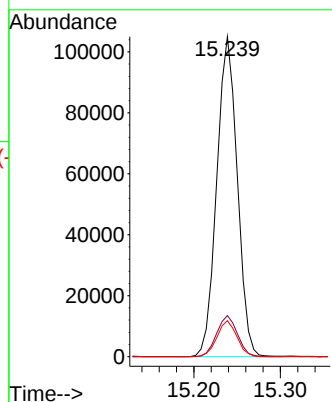
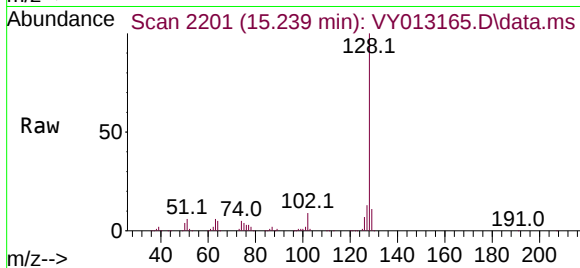
Tgt Ion:	128	Resp:	17286
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.3	15.5
129	10.9	8.6	13.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/04/2023

Supervised By :Mahesh Dadoda 04/04/2023



#96

1,2,3-Trichlorobenzene

Concen: 55.492 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.006 min

Lab File: VY013165.D

Acq: 03 Apr 2023 10:21

Tgt Ion:	180	Resp:	78898
Ion Ratio	Lower	Upper	
180	100		
182	96.0	47.4	142.3
145	31.2	15.3	45.8

