

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081623\
 Data File : VY015136.D
 Acq On : 16 Aug 2023 09:15
 Operator : SY/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 :Romaben Patel 08/17/2023
 Supervised By :Mahesh Dadoda 08/17/2023

Quant Time: Aug 16 16:16:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 14 12:43:26 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	194654	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	312224	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	287520	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	150023	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	120566	51.598	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 103.200%			
35) Dibromofluoromethane	7.716	113	105282	52.414	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 104.820%			
50) Toluene-d8	10.179	98	386131	51.640	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 103.280%			
62) 4-Bromofluorobenzene	12.483	95	142848	52.305	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 104.600%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	41131	49.269	ug/l	99
3) Chloromethane	2.113	50	61933	53.547	ug/l	99
4) Vinyl Chloride	2.247	62	75320	48.627	ug/l	99
5) Bromomethane	2.644	94	56331	52.270	ug/l	99
6) Chloroethane	2.784	64	57315	50.966	ug/l	97
7) Trichlorofluoromethane	3.119	101	127242	48.753	ug/l	99
8) Diethyl Ether	3.528	74	49615	48.472	ug/l	87
9) 1,1,2-Trichlorotrifluo...	3.893	101	77423	47.731	ug/l	97
10) Methyl Iodide	4.088	142	78533	49.306	ug/l	97
11) Tert butyl alcohol	4.972	59	81096	208.087	ug/l #	81
12) 1,1-Dichloroethene	3.863	96	63426	46.827	ug/l	92
13) Acrolein	3.723	56	32132	206.046	ug/l	98
14) Allyl chloride	4.472	41	111032	46.235	ug/l	97
15) Acrylonitrile	5.155	53	175362	252.804	ug/l	99
16) Acetone	3.948	43	221719	290.458	ug/l	92
17) Carbon Disulfide	4.192	76	111849	46.922	ug/l	100
18) Methyl Acetate	4.479	43	140067	50.072	ug/l	93
19) Methyl tert-butyl Ether	5.216	73	279478	48.527	ug/l	98
20) Methylene Chloride	4.710	84	87841	47.805	ug/l	90
21) trans-1,2-Dichloroethene	5.216	96	73531	48.128	ug/l	96
22) Diisopropyl ether	6.119	45	285888	47.710	ug/l	93
23) Vinyl Acetate	6.058	43	875770	244.934	ug/l #	95
24) 1,1-Dichloroethane	6.015	63	154129	47.510	ug/l	97
25) 2-Butanone	6.984	43	288331	266.772	ug/l	95
26) 2,2-Dichloropropane	6.978	77	142094	45.435	ug/l	97
27) cis-1,2-Dichloroethene	6.984	96	101291	48.533	ug/l	94
28) Bromochloromethane	7.332	49	68801	46.161	ug/l	90
29) Tetrahydrofuran	7.344	42	162321	251.168	ug/l	92
30) Chloroform	7.502	83	176416	48.509	ug/l	96
31) Cyclohexane	7.783	56	102288	48.956	ug/l	89
32) 1,1,1-Trichloroethane	7.698	97	152054	49.134	ug/l	99
36) 1,1-Dichloropropene	7.917	75	107830	48.524	ug/l	99
37) Ethyl Acetate	7.070	43	107406	51.853	ug/l	96
38) Carbon Tetrachloride	7.899	117	129006	49.053	ug/l	99
39) Methylcyclohexane	9.185	83	120794	48.489	ug/l	93
40) Benzene	8.161	78	331784	49.384	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	53476m	50.067	ug/l	
42) 1,2-Dichloroethane	8.234	62	122738	50.303	ug/l	96
43) Isopropyl Acetate	8.271	43	190216	50.427	ug/l	98
44) Trichloroethene	8.941	130	96949	50.088	ug/l	97
45) 1,2-Dichloropropane	9.216	63	92836	49.003	ug/l	95
46) Dibromomethane	9.307	93	61475	51.449	ug/l	96
47) Bromodichloromethane	9.496	83	144269	50.598	ug/l	96
48) Methyl methacrylate	9.295	41	82170	50.923	ug/l	93
49) 1,4-Dioxane	9.307	88	24001	1004.498	ug/l #	54
51) 4-Methyl-2-Pentanone	10.069	43	585047	267.617	ug/l	94
52) Toluene	10.246	92	221656	50.055	ug/l	94
53) t-1,3-Dichloropropene	10.465	75	150239	50.138	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	156848	49.701	ug/l	94
55) 1,1,2-Trichloroethane	10.648	97	91568	50.400	ug/l	96
56) Ethyl methacrylate	10.508	69	136287	51.256	ug/l	93
57) 1,3-Dichloropropane	10.788	76	151445	51.021	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.783	63	305994	247.288	ug/l	92
59) 2-Hexanone	10.831	43	453471	280.271	ug/l	93
60) Dibromochloromethane	10.984	129	112967	52.125	ug/l	100
61) 1,2-Dibromoethane	11.087	107	88178	51.090	ug/l	99
64) Tetrachloroethene	10.721	164	102630	51.234	ug/l	97
65) Chlorobenzene	11.514	112	258495	49.344	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.593	131	106980	50.329	ug/l	99
67) Ethyl Benzene	11.593	91	451557	49.197	ug/l	100
68) m/p-Xylenes	11.703	106	344102	98.708	ug/l	96
69) o-Xylene	12.032	106	171992	49.526	ug/l	97
70) Styrene	12.044	104	302663	50.355	ug/l	97
71) Bromoform	12.209	173	79961	51.893	ug/l #	98
73) Isopropylbenzene	12.331	105	465471	48.250	ug/l	100
74) N-amyl acetate	12.142	43	177514	50.965	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.581	83	127350	50.686	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	102081m	56.006	ug/l	
77) Bromobenzene	12.605	156	115234	49.005	ug/l	97
78) n-propylbenzene	12.672	91	557446	48.661	ug/l	99
79) 2-Chlorotoluene	12.758	91	318662	48.220	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	393257	48.904	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	42059	50.685	ug/l	98
82) 4-Chlorotoluene	12.855	91	336235	49.248	ug/l	100
83) tert-Butylbenzene	13.075	119	355354	48.313	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	387928	48.277	ug/l	97
85) sec-Butylbenzene	13.251	105	524359	48.655	ug/l	100
86) p-Isopropyltoluene	13.367	119	434919	48.675	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	227653	48.810	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	227565	48.646	ug/l	99
89) n-Butylbenzene	13.696	91	409140	48.565	ug/l	97
90) Hexachloroethane	13.959	117	85452	48.208	ug/l	91
91) 1,2-Dichlorobenzene	13.739	146	212232	48.710	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	25382	52.150	ug/l	90
93) 1,2,4-Trichlorobenzene	15.007	180	137311	49.088	ug/l	98
94) Hexachlorobutadiene	15.111	225	72249	47.484	ug/l	99
95) Naphthalene	15.233	128	351564	50.454	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	127926	50.640	ug/l	99

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

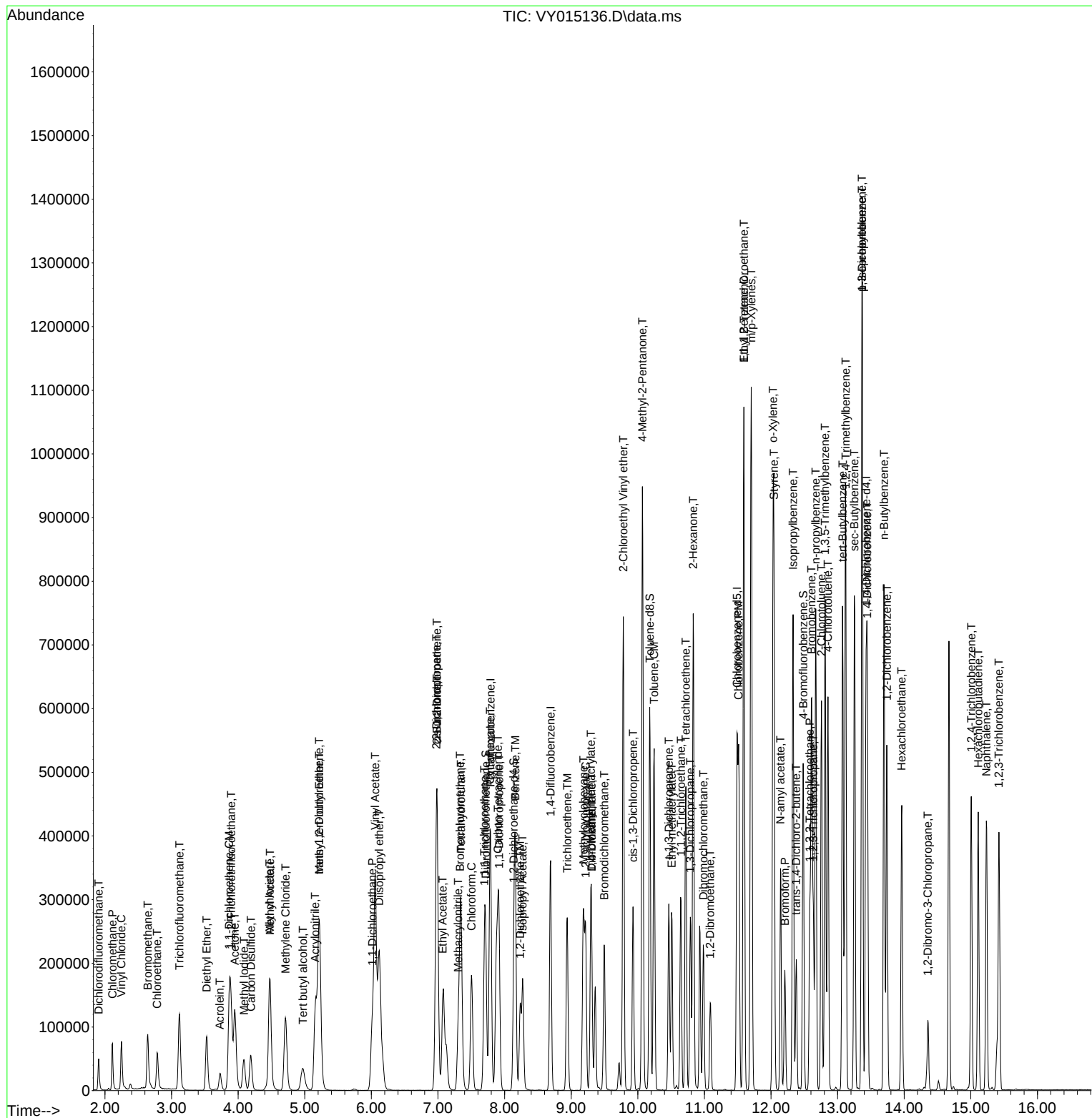
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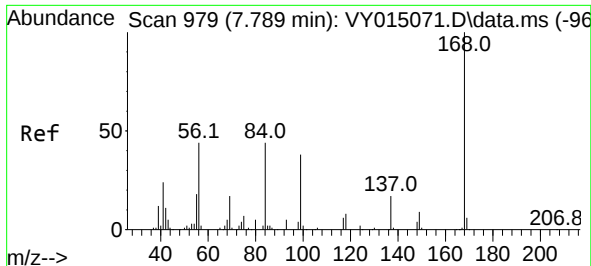
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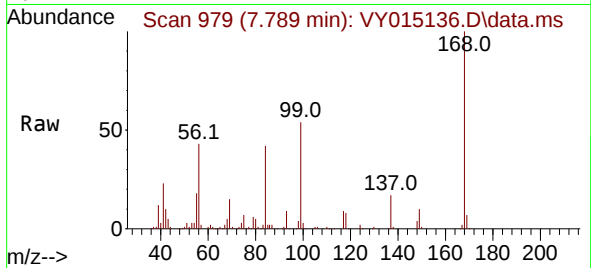
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015136.D
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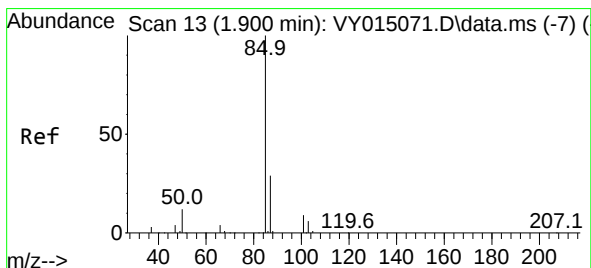
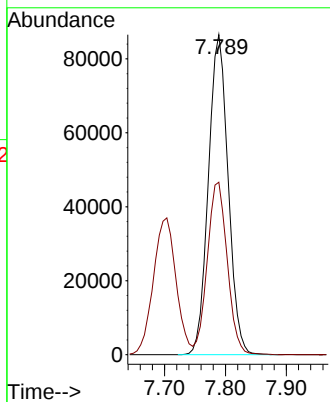
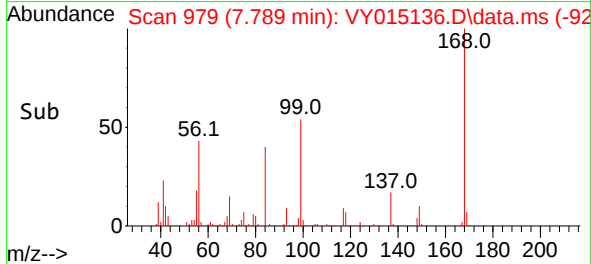
Instrument :
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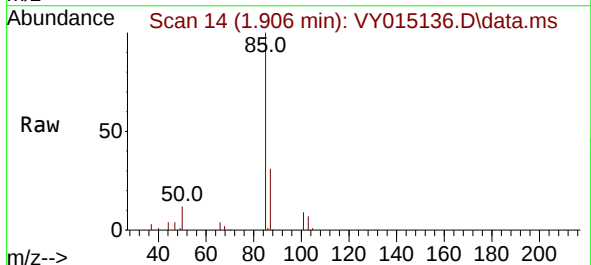
Tgt Ion:168 Resp: 194654
Ion Ratio Lower Upper
168 100
99 53.9 43.4 65.0

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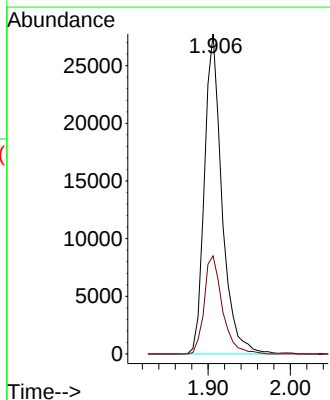
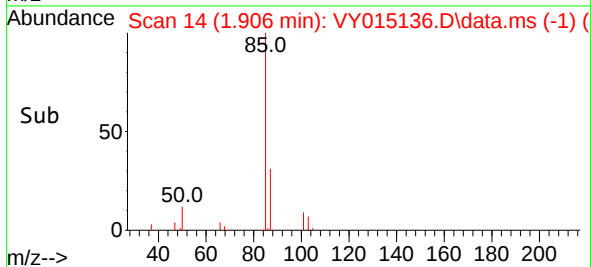
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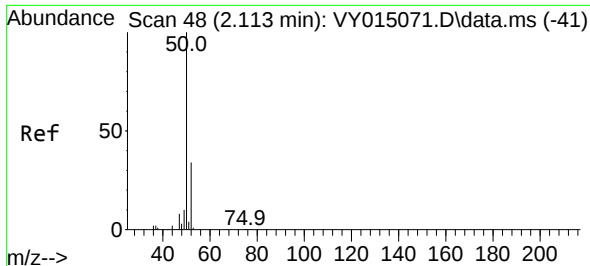


#2
Dichlorodifluoromethane
Concen: 49.269 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY015136.D
Acq: 16 Aug 2023 09:15



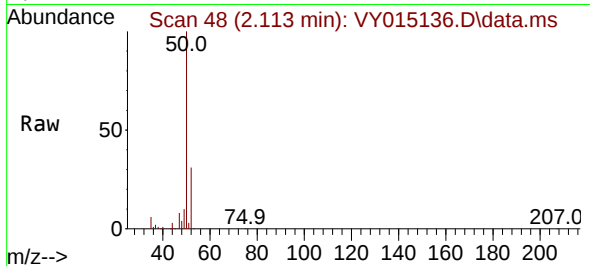
Tgt Ion: 85 Resp: 41131
Ion Ratio Lower Upper
85 100
87 30.7 15.6 46.8





#3
Chloromethane
Concen: 53.547 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY015136.D
Acq: 16 Aug 2023 09:15

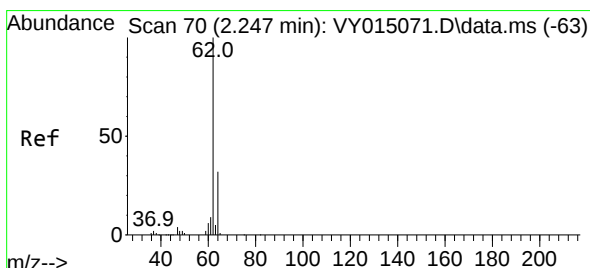
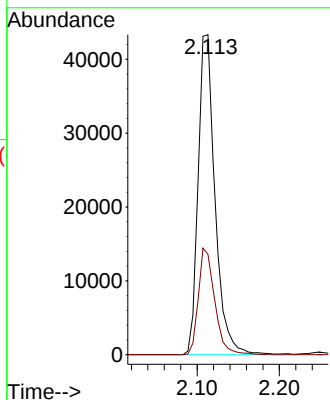
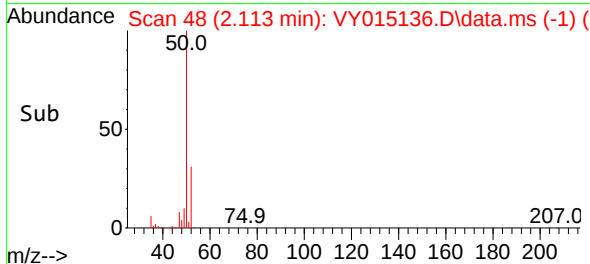
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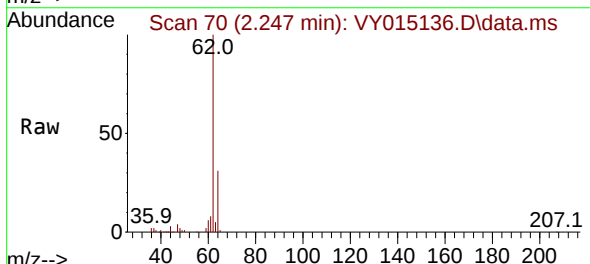
Tgt Ion: 50 Resp: 6193
Ion Ratio Lower Upper
50 100
52 31.4 25.4 38.2

Manual Integrations
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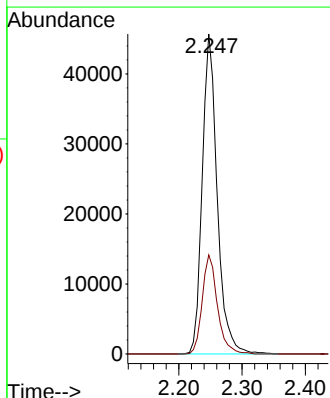
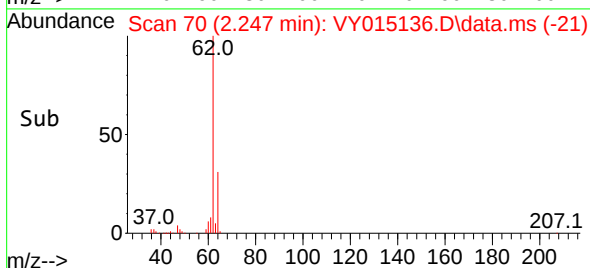
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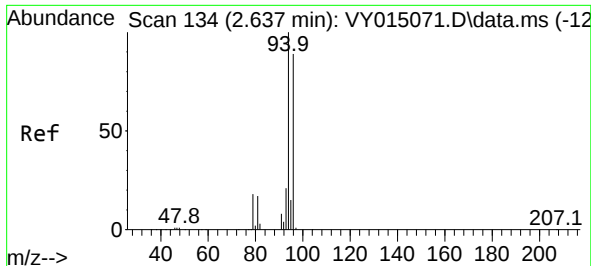


#4
Vinyl Chloride
Concen: 48.627 ug/l
RT: 2.247 min Scan# 70
Delta R.T. 0.000 min
Lab File: VY015136.D
Acq: 16 Aug 2023 09:15



Tgt Ion: 62 Resp: 75320
Ion Ratio Lower Upper
62 100
64 31.0 24.3 36.5





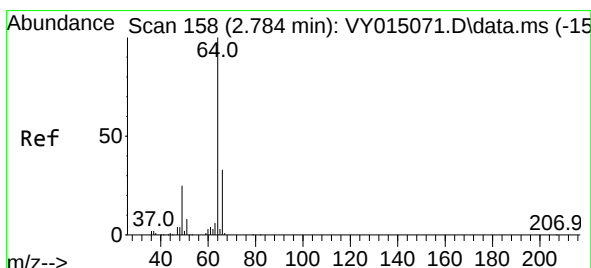
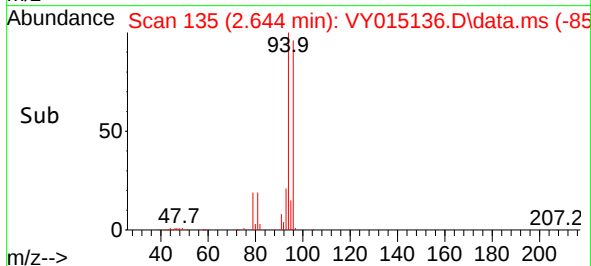
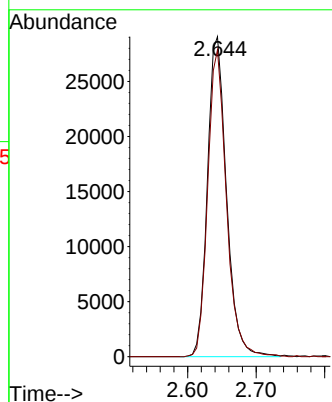
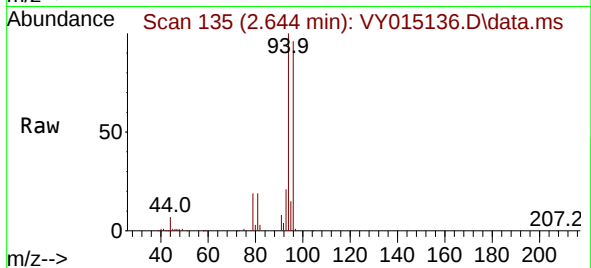
#5
Bromomethane
Concen: 52.270 ug/l
RT: 2.644 min Scan# 11
Delta R.T. 0.007 min
Lab File: VY015136.D
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Tgt Ion: 94 Resp: 5633
Ion Ratio Lower Upper
94 100
96 95.9 75.8 113.6

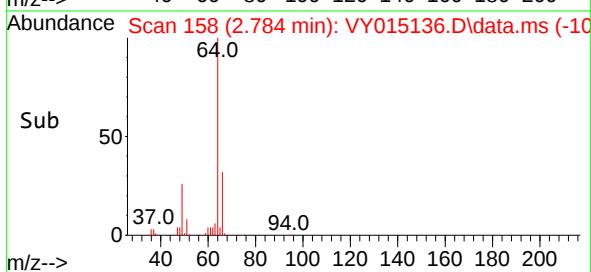
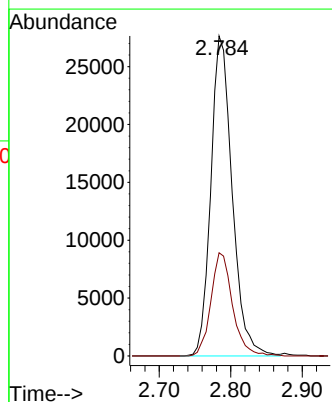
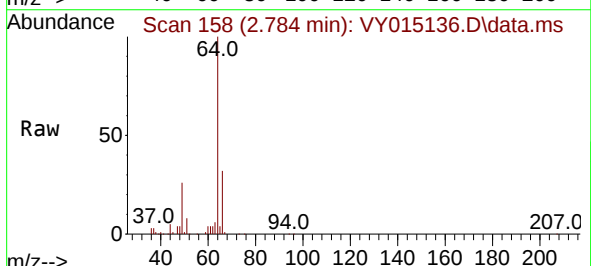
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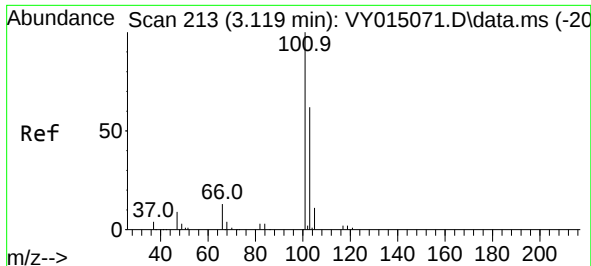
Reviewed By :Romaben Patel 08/17/2023
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#6
Chloroethane
Concen: 50.966 ug/l
RT: 2.784 min Scan# 158
Delta R.T. -0.000 min
Lab File: VY015136.D
Acq: 16 Aug 2023 09:15

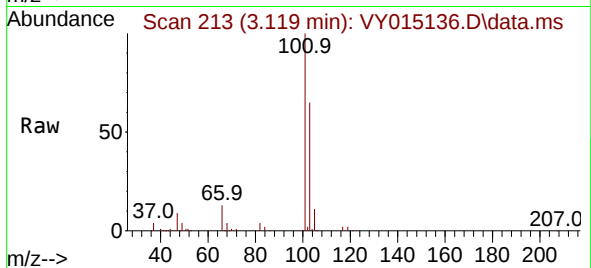
Tgt Ion: 64 Resp: 57315
Ion Ratio Lower Upper
64 100
66 32.3 24.4 36.6





#7
Trichlorofluoromethane
Concen: 48.753 ug/l
RT: 3.119 min Scan# 213
Delta R.T. 0.006 min
Lab File: VY015136.D
Acq: 16 Aug 2023 09:15

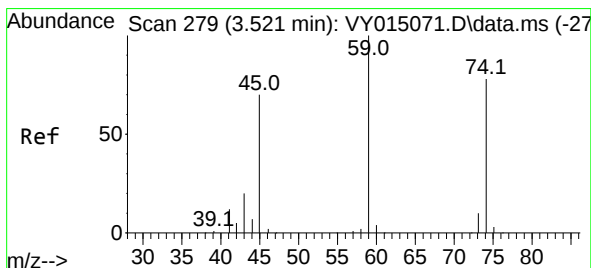
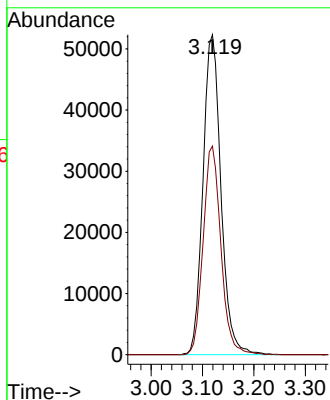
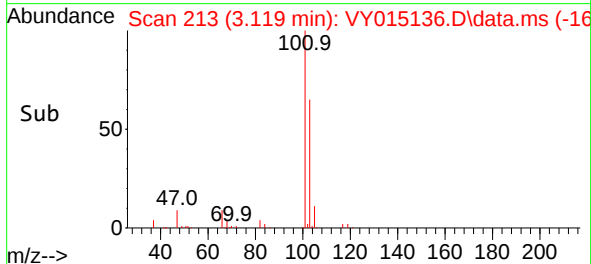
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Tgt Ion:101 Resp: 12724
Ion Ratio Lower Upper
101 100
103 65.2 51.4 77.0

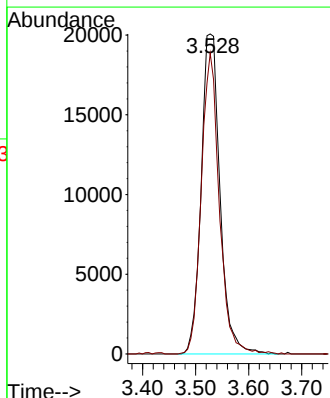
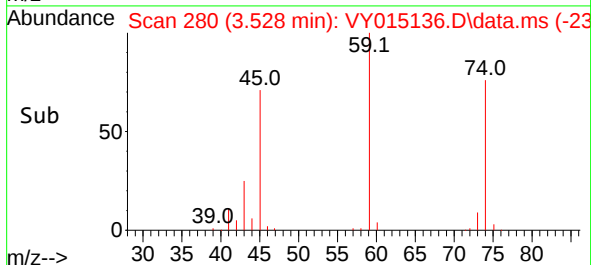
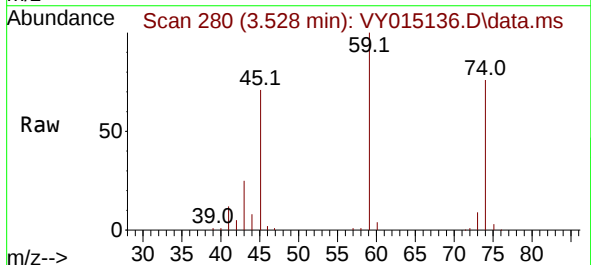
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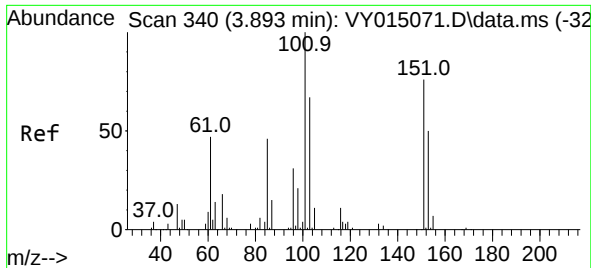
Reviewed By :Romaben Patel 08/17/2023
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#8
Diethyl Ether
Concen: 48.472 ug/l
RT: 3.528 min Scan# 280
Delta R.T. 0.006 min
Lab File: VY015136.D
Acq: 16 Aug 2023 09:15

Tgt Ion: 74 Resp: 49615
Ion Ratio Lower Upper
74 100
45 89.8 51.5 154.5





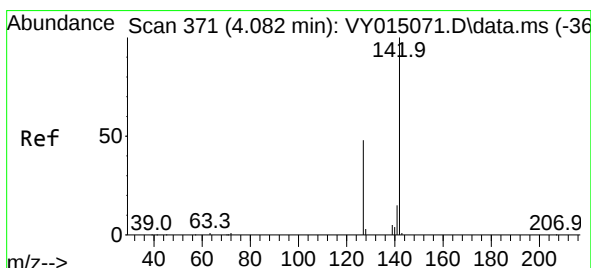
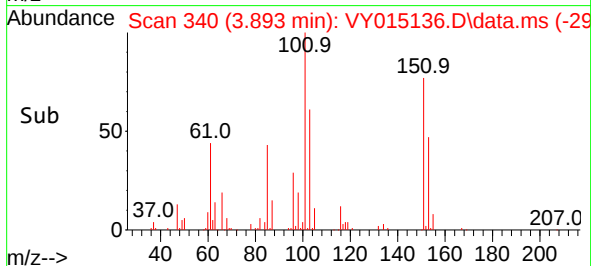
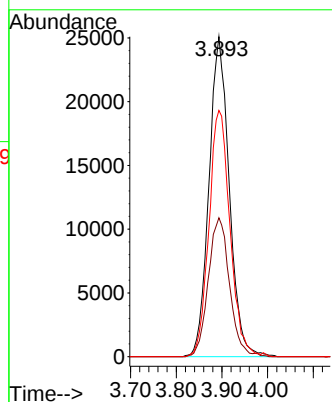
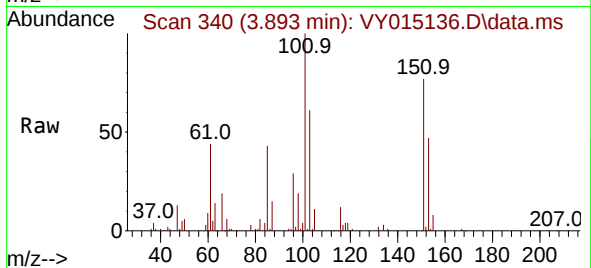
#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.731 ug/l
RT: 3.893 min Scan# 340
Delta R.T. 0.006 min
Lab File: VY015136.D
Acq: 16 Aug 2023 09:15

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 7742
Ion Ratio Lower Upper
101 100
85 45.4 36.6 55.0
151 79.9 67.0 100.6

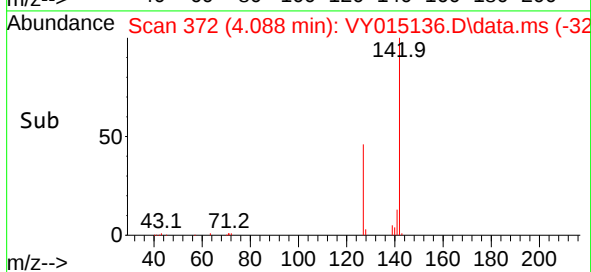
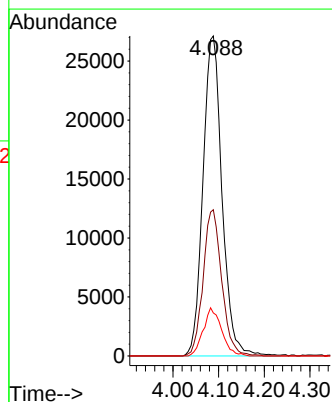
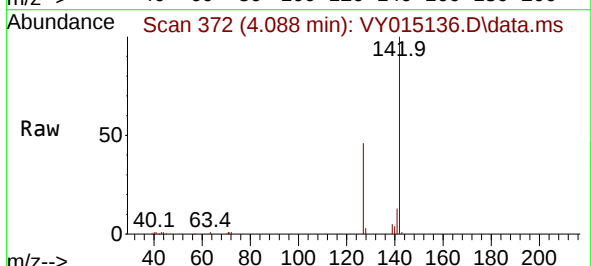
Manual Integrations
APPROVED

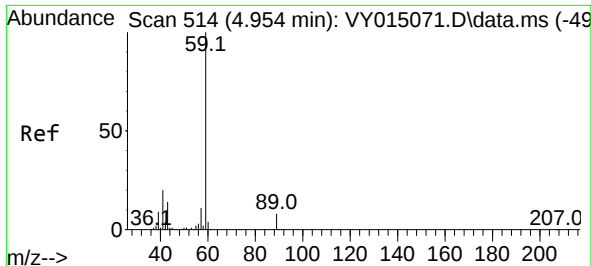
Reviewed By :Romaben Patel 08/17/2023
Supervised By :Mahesh Dadoda 08/17/2023



#10
Methyl Iodide
Concen: 49.306 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.006 min
Lab File: VY015136.D
Acq: 16 Aug 2023 09:15

Tgt Ion:142 Resp: 78533
Ion Ratio Lower Upper
142 100
127 44.6 37.6 56.4
141 14.5 11.8 17.8





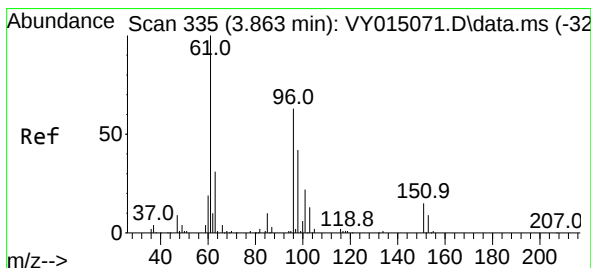
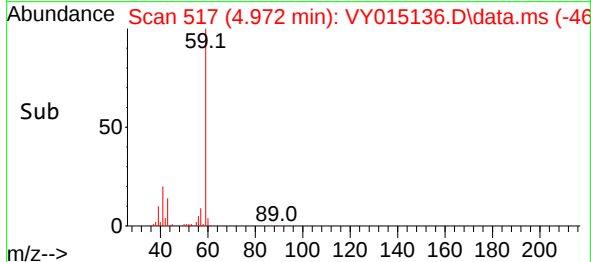
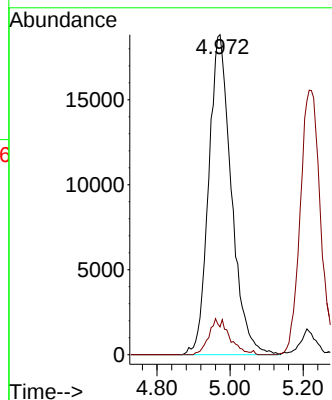
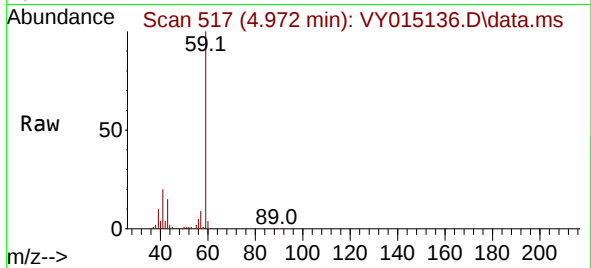
#11
Tert butyl alcohol
Concen: 208.087 ug/l
RT: 4.972 min Scan# 514
Delta R.T. 0.024 min
Lab File: VY015136.D
Acq: 16 Aug 2023 09:15

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 81090
Ion Ratio Lower Upper
59 100
57 10.0 3.0 4.4

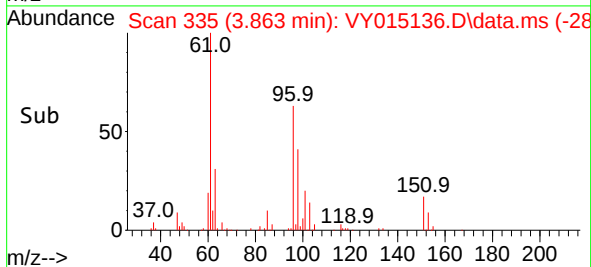
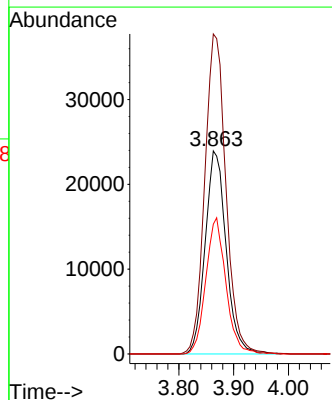
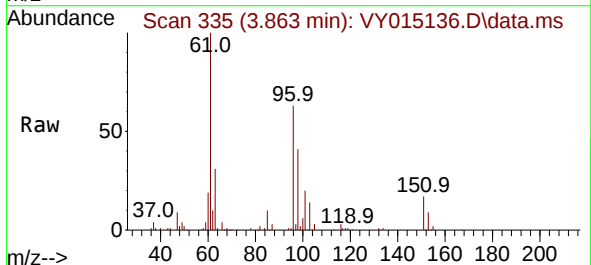
Manual Integrations
APPROVED

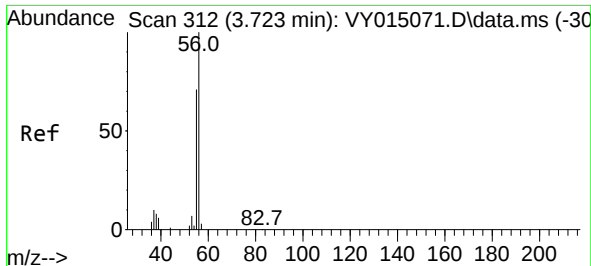
Reviewed By :Romaben Patel 08/17/2023
Supervised By :Mahesh Dadoda 08/17/2023



#12
1,1-Dichloroethene
Concen: 46.827 ug/l
RT: 3.863 min Scan# 335
Delta R.T. 0.000 min
Lab File: VY015136.D
Acq: 16 Aug 2023 09:15

Tgt Ion: 96 Resp: 63426
Ion Ratio Lower Upper
96 100
61 157.7 136.4 204.6
98 63.9 49.4 74.2





#13

Acrolein

Concen: 206.046 ug/l

RT: 3.723 min Scan# 312

Delta R.T. -0.000 min

Lab File: VY015136.D

Acq: 16 Aug 2023 09:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 56 Resp: 3213

Ion Ratio Lower Upper

56 100

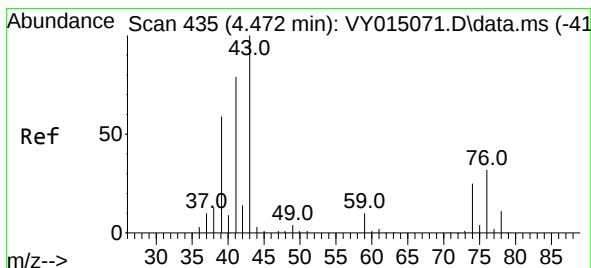
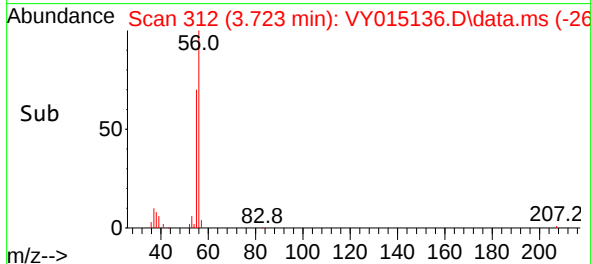
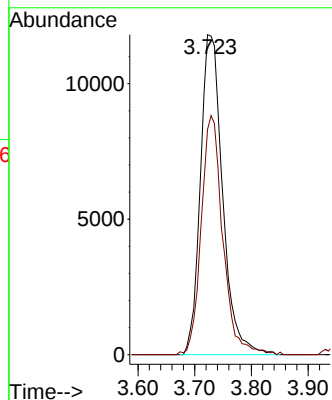
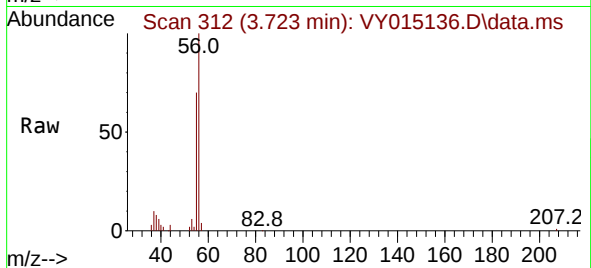
55 72.7 57.0 85.4

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 08/17/2023

Supervised By :Mahesh Dadoda 08/17/2023



#14

Allyl chloride

Concen: 46.235 ug/l

RT: 4.472 min Scan# 435

Delta R.T. 0.000 min

Lab File: VY015136.D

Acq: 16 Aug 2023 09:15

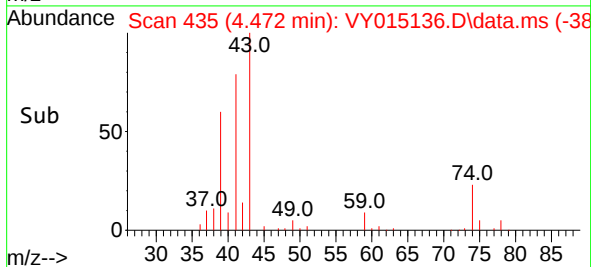
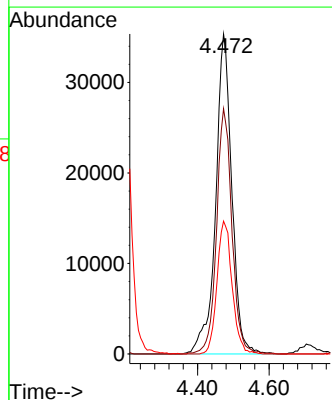
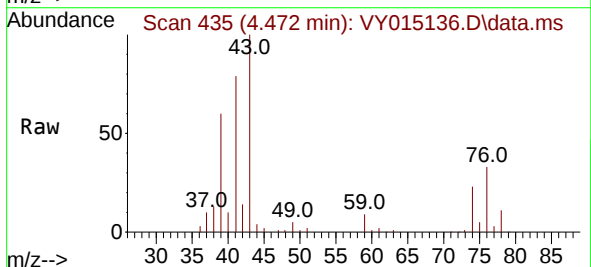
Tgt Ion: 41 Resp: 111032

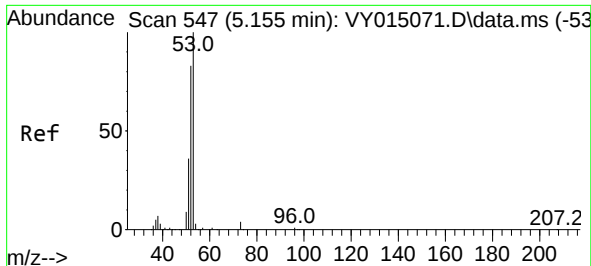
Ion Ratio Lower Upper

41 100

39 73.0 58.0 87.0

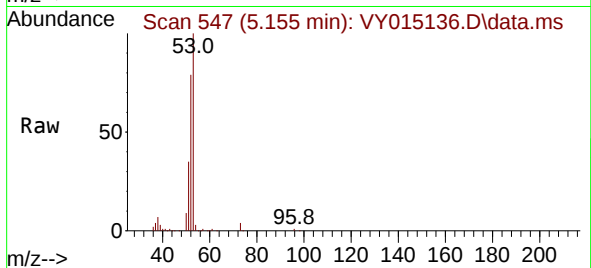
76 38.9 27.4 41.2





#15
Acrylonitrile
Concen: 252.804 ug/l
RT: 5.155 min Scan# 547
Delta R.T. 0.000 min
Lab File: VY015136.D
Acq: 16 Aug 2023 09:15

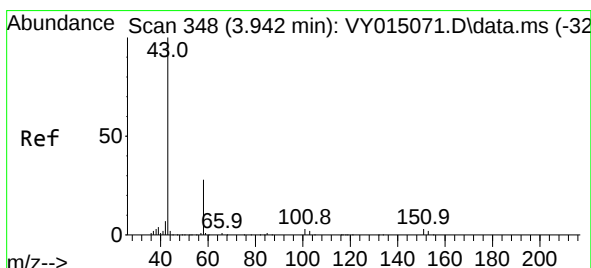
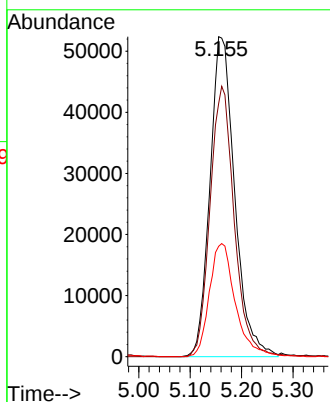
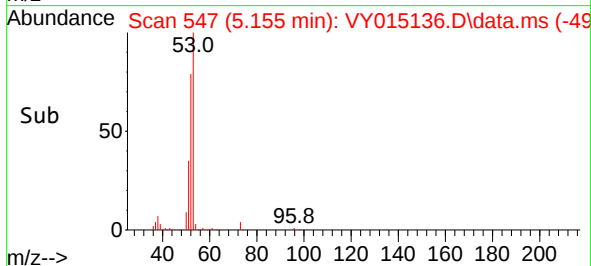
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



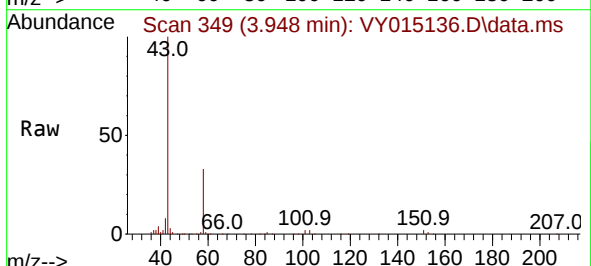
Tgt Ion: 53 Resp: 175362
Ion Ratio Lower Upper
53 100
52 82.5 66.9 100.3
51 37.1 29.8 44.6

Manual Integrations
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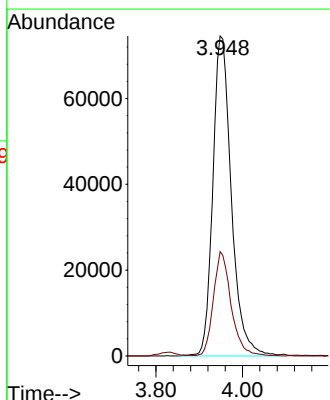
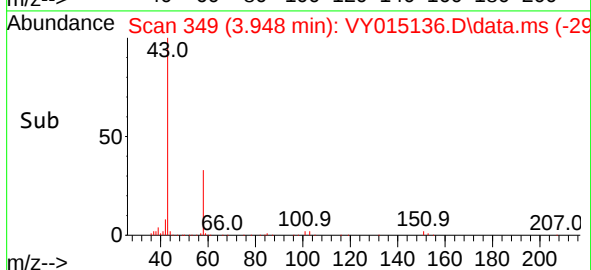
Reviewed By :Romaben Patel 08/17/2023
Supervised By :Mahesh Dadoda 08/17/2023

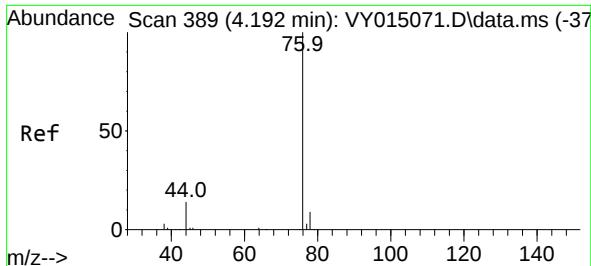


#16
Acetone
Concen: 290.458 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY015136.D
Acq: 16 Aug 2023 09:15



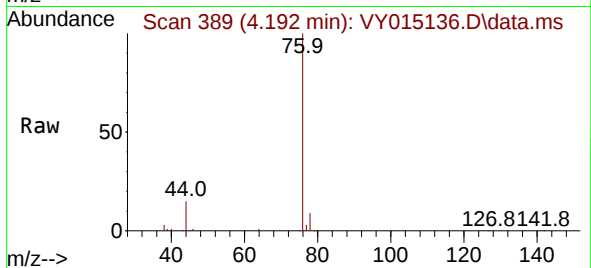
Tgt Ion: 43 Resp: 221719
Ion Ratio Lower Upper
43 100
58 32.5 22.7 34.1





#17
Carbon Disulfide
Concen: 46.922 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.006 min
Lab File: VY015136.D
Acq: 16 Aug 2023 09:15

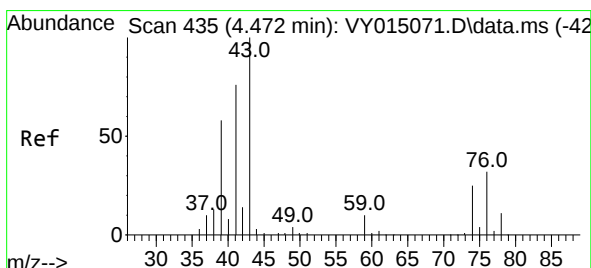
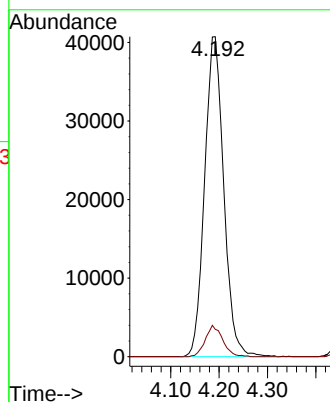
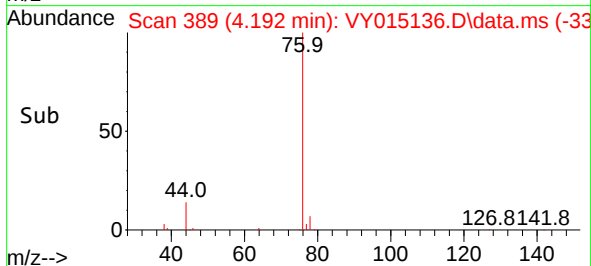
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



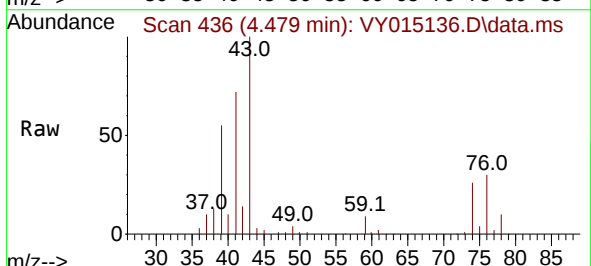
Tgt Ion: 76 Resp: 111849
Ion Ratio Lower Upper
76 100
78 8.6 7.0 10.4

Manual Integrations
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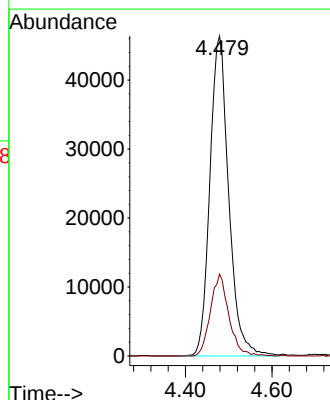
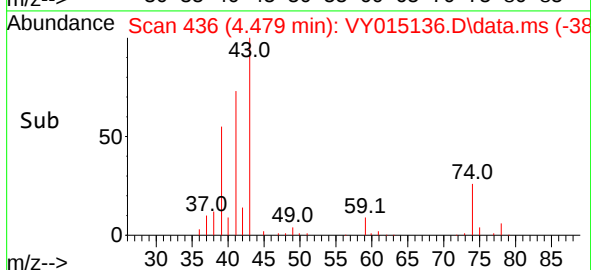
Reviewed By :Romaben Patel 08/17/2023
Supervised By :Mahesh Dadoda 08/17/2023

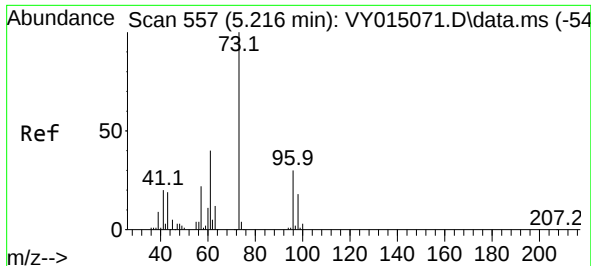


#18
Methyl Acetate
Concen: 50.072 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.013 min
Lab File: VY015136.D
Acq: 16 Aug 2023 09:15



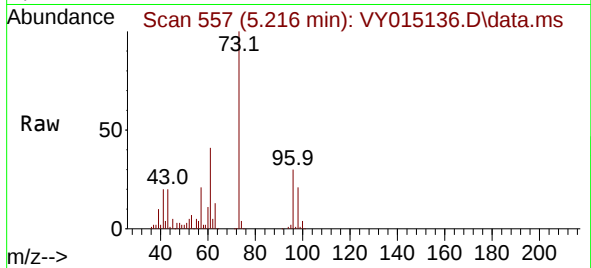
Tgt Ion: 43 Resp: 140067
Ion Ratio Lower Upper
43 100
74 25.0 17.4 26.0





#19
Methyl tert-butyl Ether
Concen: 48.527 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY015136.D
Acq: 16 Aug 2023 09:15

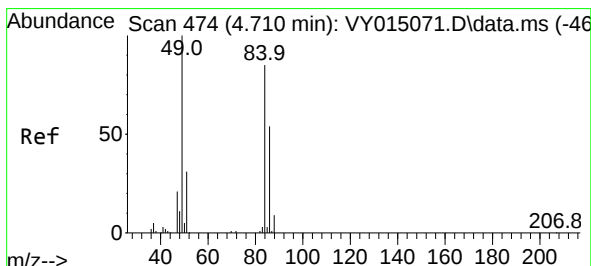
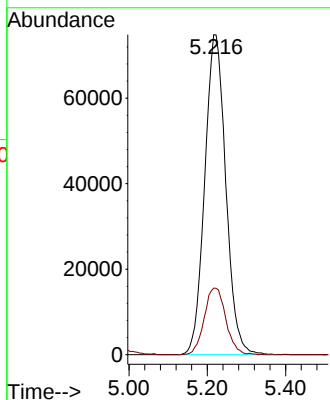
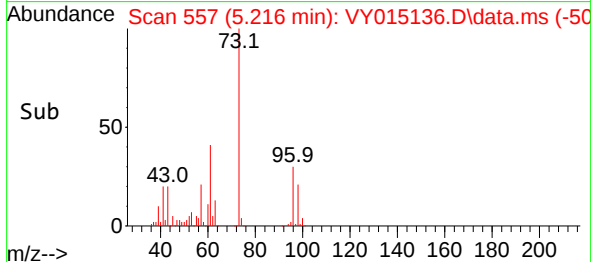
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 279478
Ion Ratio Lower Upper
73 100
57 20.8 17.3 25.9

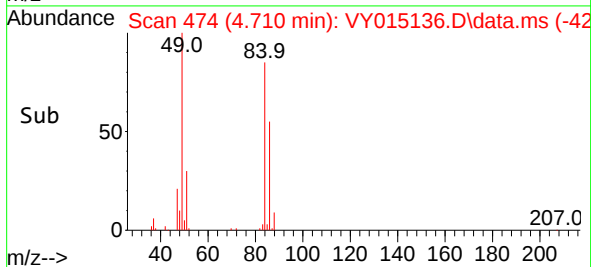
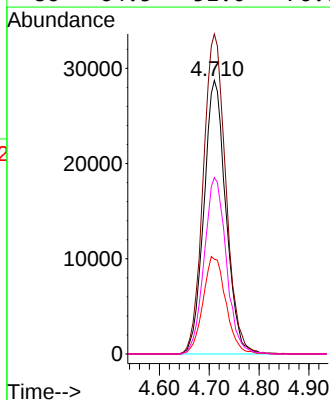
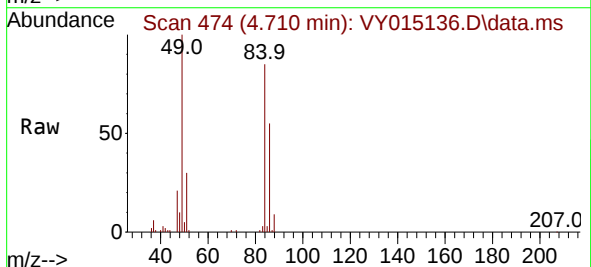
Manual Integrations
APPROVED

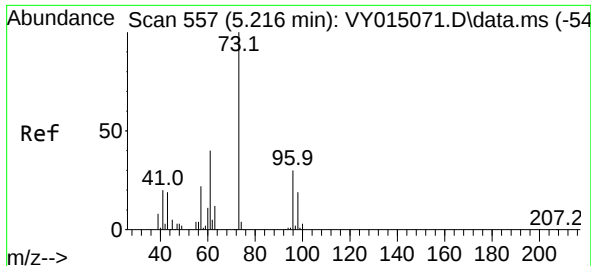
Reviewed By :Romaben Patel 08/17/2023
Supervised By :Mahesh Dadoda 08/17/2023



#20
Methylene Chloride
Concen: 47.805 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY015136.D
Acq: 16 Aug 2023 09:15

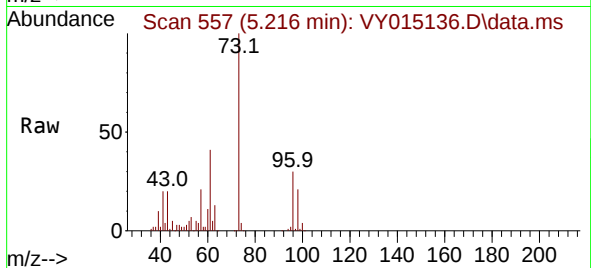
Tgt Ion: 84 Resp: 87841
Ion Ratio Lower Upper
84 100
49 117.0 106.9 160.3
51 34.6 33.2 49.8
86 64.5 51.0 76.6





#21
trans-1,2-Dichloroethene
Concen: 48.128 ug/l
RT: 5.216 min Scan# 511
Delta R.T. 0.006 min
Lab File: VY015136.D
Acq: 16 Aug 2023 09:15

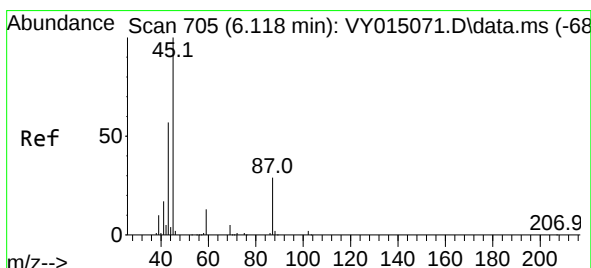
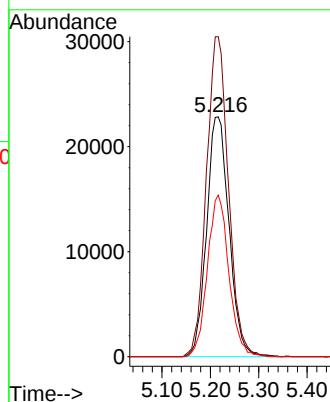
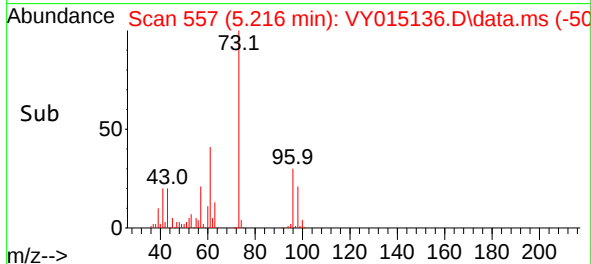
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



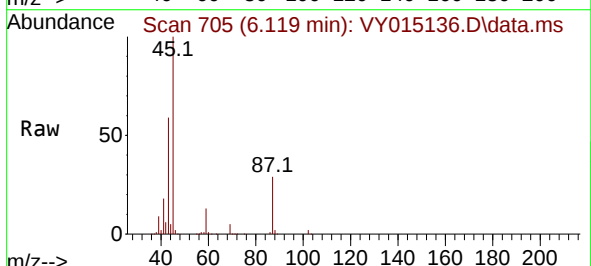
Tgt Ion: 96 Resp: 7353
Ion Ratio Lower Upper
96 100
61 133.5 110.2 165.4
98 67.4 51.8 77.6

Manual Integrations
APPROVED

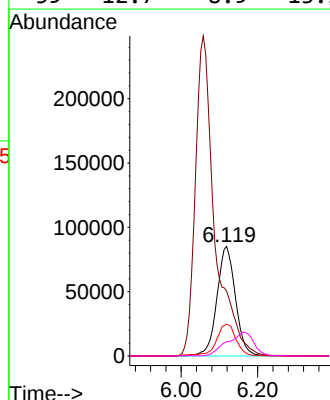
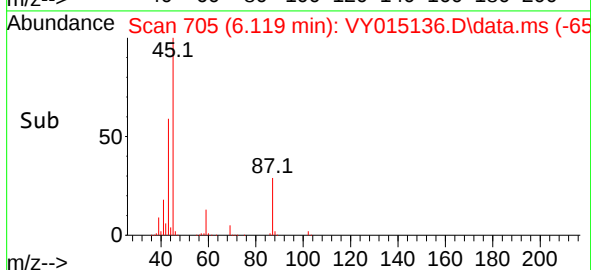
Reviewed By :Romaben Patel 08/17/2023
Supervised By :Mahesh Dadoda 08/17/2023

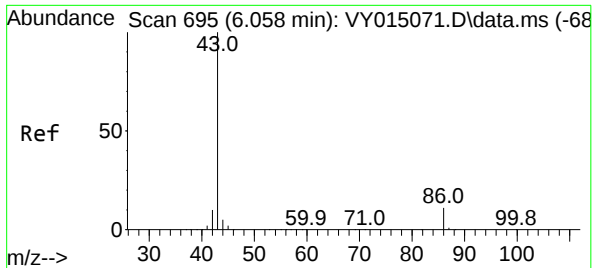


#22
Diisopropyl ether
Concen: 47.710 ug/l
RT: 6.119 min Scan# 705
Delta R.T. 0.006 min
Lab File: VY015136.D
Acq: 16 Aug 2023 09:15



Tgt Ion: 45 Resp: 285888
Ion Ratio Lower Upper
45 100
43 58.7 52.2 78.4
87 28.9 21.0 31.6
59 12.7 8.9 13.3





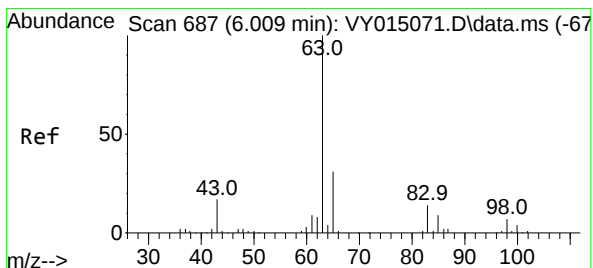
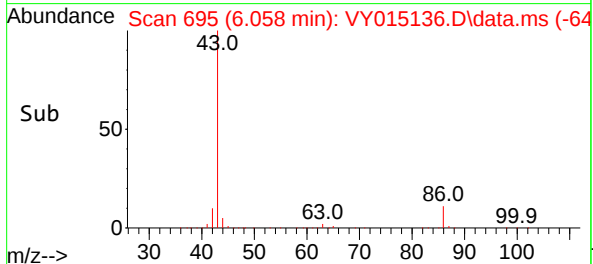
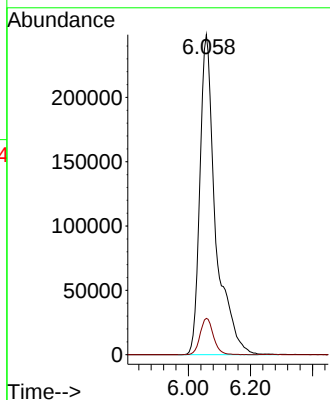
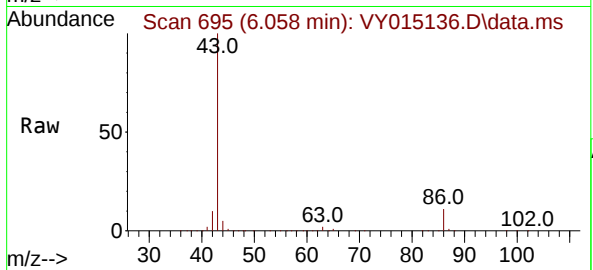
#23
 Vinyl Acetate
 Concen: 244.934 ug/l
 RT: 6.058 min Scan# 695
 Delta R.T. 0.006 min
 Lab File: VY015136.D
 Acq: 16 Aug 2023 09:15

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 875770
 Ion Ratio Lower Upper
 43 100
 86 11.4 7.5 11.3

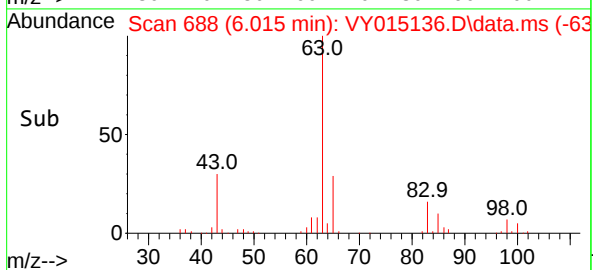
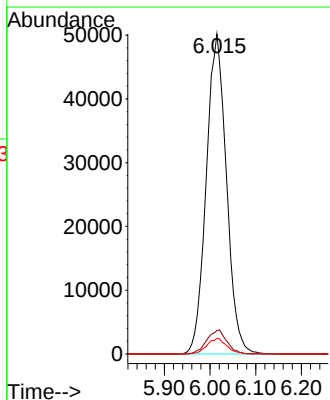
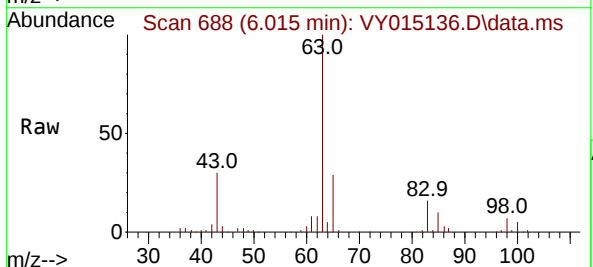
Manual Integrations
 APPROVED

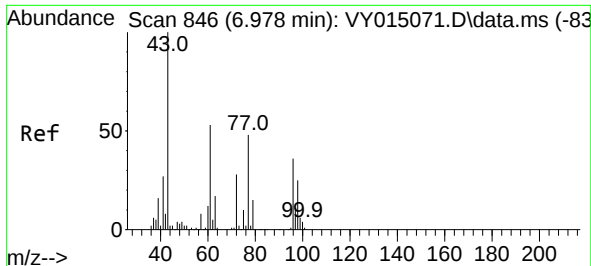
Reviewed By :Romaben Patel 08/17/2023
 Supervised By :Mahesh Dadoda 08/17/2023



#24
 1,1-Dichloroethane
 Concen: 47.510 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. 0.006 min
 Lab File: VY015136.D
 Acq: 16 Aug 2023 09:15

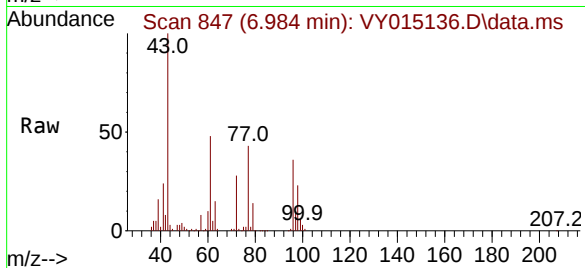
Tgt Ion: 63 Resp: 154129
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.1 9.4
 100 4.9 1.8 5.5





#25
2-Butanone
Concen: 266.772 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY015136.D
Acq: 16 Aug 2023 09:15

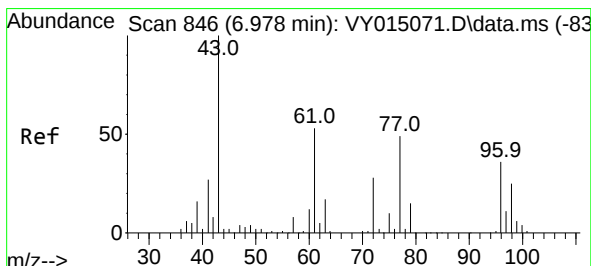
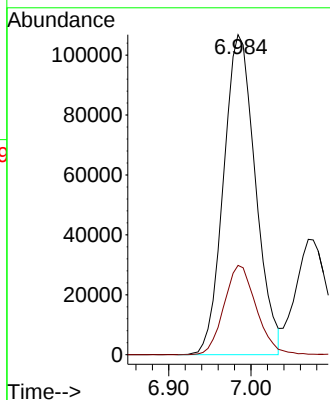
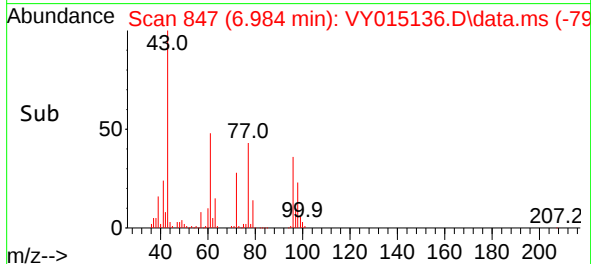
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



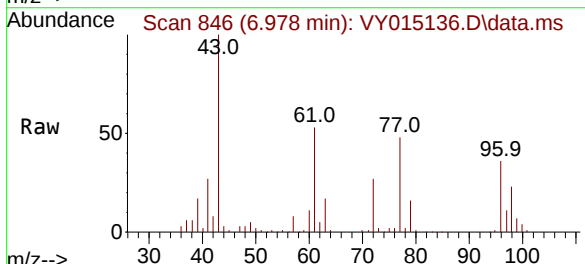
Tgt Ion: 43 Resp: 28833
Ion Ratio Lower Upper
43 100
72 27.9 20.5 30.7

Manual Integrations
APPROVED

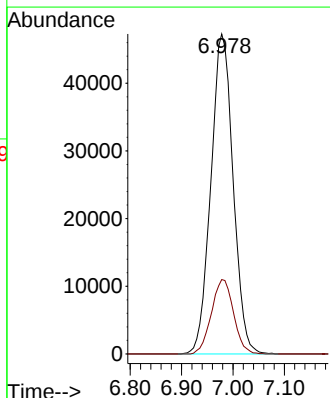
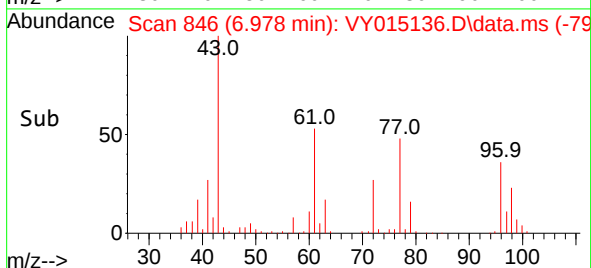
Reviewed By :Romaben Patel 08/17/2023
Supervised By :Mahesh Dadoda 08/17/2023

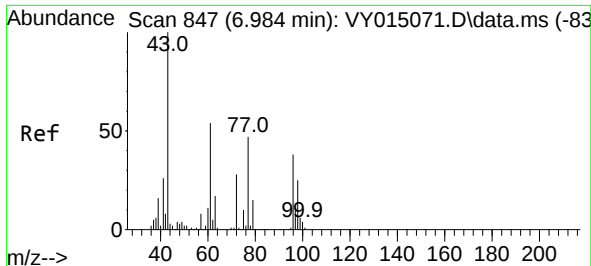


#26
2,2-Dichloropropane
Concen: 45.435 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.006 min
Lab File: VY015136.D
Acq: 16 Aug 2023 09:15



Tgt Ion: 77 Resp: 142094
Ion Ratio Lower Upper
77 100
97 23.1 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 48.533 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.006 min

Lab File: VY015136.D

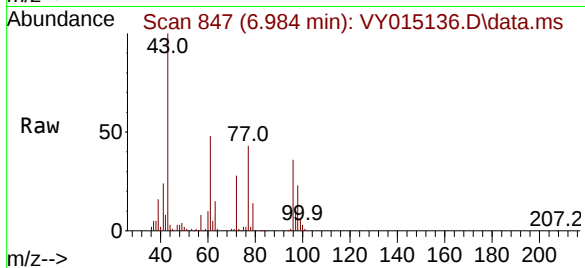
Acq: 16 Aug 2023 09:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

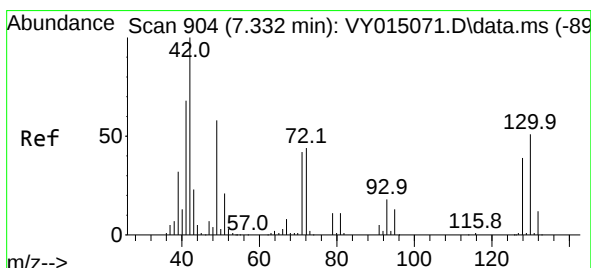
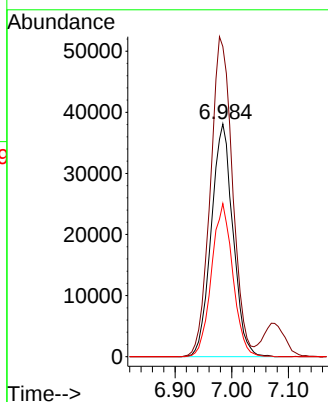
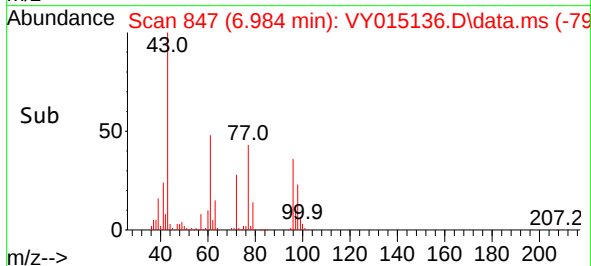


Tgt Ion:	96	Resp:	10129
Ion	Ratio	Lower	Upper
96	100		
61	140.3	0.0	301.4
98	64.6	0.0	130.4

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 08/17/2023
Supervised By :Mahesh Dadoda 08/17/2023



#28

Bromochloromethane

Concen: 46.161 ug/l

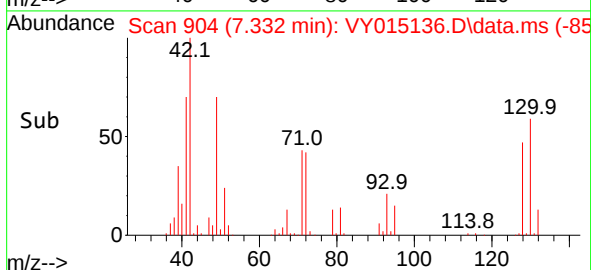
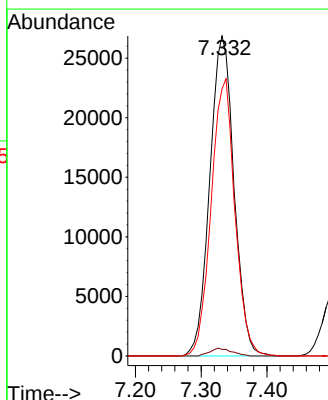
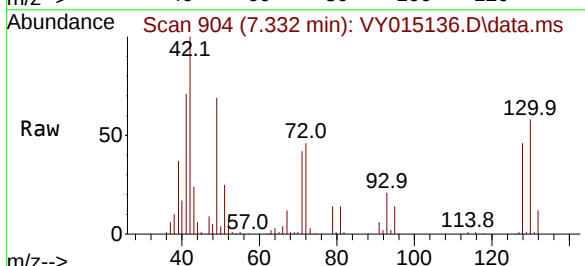
RT: 7.332 min Scan# 904

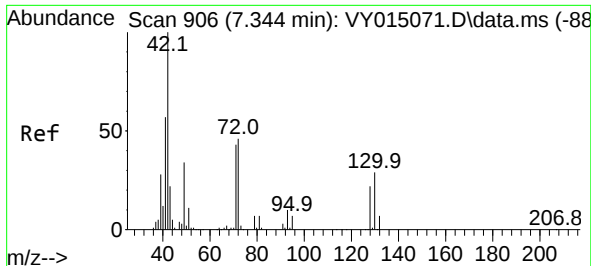
Delta R.T. 0.000 min

Lab File: VY015136.D

Acq: 16 Aug 2023 09:15

Tgt Ion:	49	Resp:	68801
Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	4.6
130	84.9	60.7	91.1





#29

Tetrahydrofuran

Concen: 251.168 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.000 min

Lab File: VY015136.D

Acq: 16 Aug 2023 09:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 16232

Ion Ratio Lower Upper

42 100

72 46.1 32.8 49.2

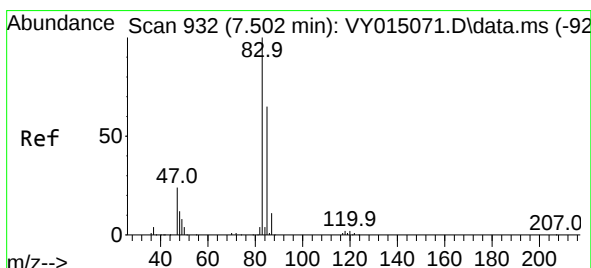
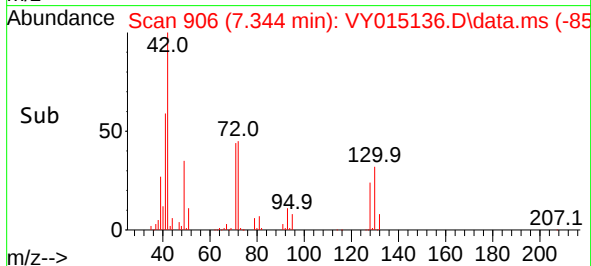
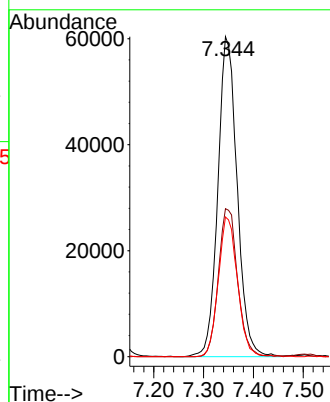
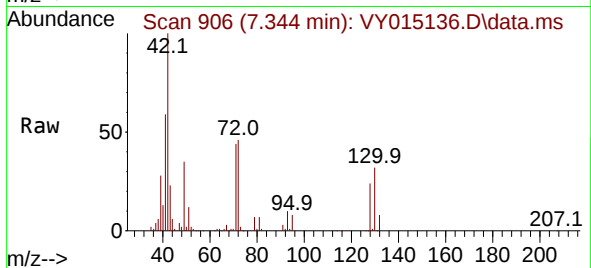
71 43.5 31.0 46.4

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 08/17/2023

Supervised By :Mahesh Dadoda 08/17/2023



#30

Chloroform

Concen: 48.509 ug/l

RT: 7.502 min Scan# 932

Delta R.T. 0.000 min

Lab File: VY015136.D

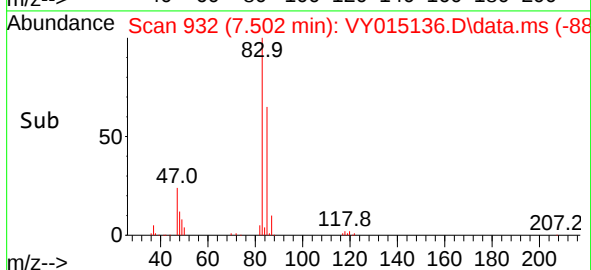
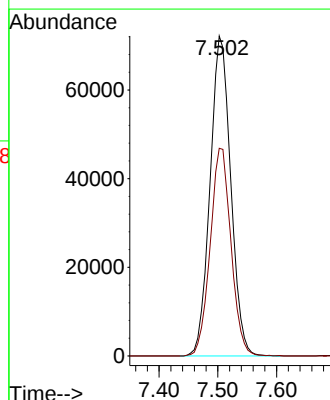
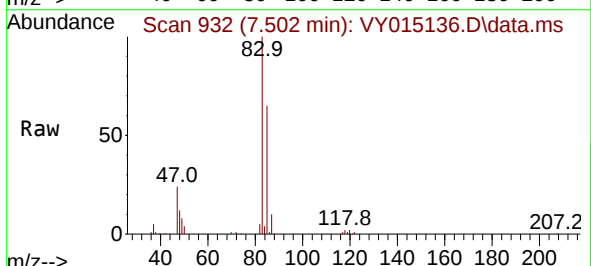
Acq: 16 Aug 2023 09:15

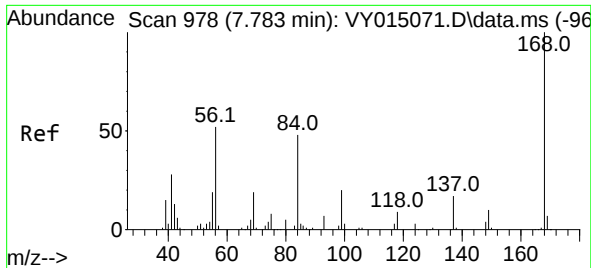
Tgt Ion: 83 Resp: 176416

Ion Ratio Lower Upper

83 100

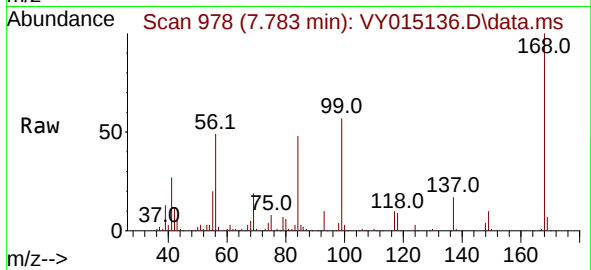
85 64.9 49.7 74.5





#31
Cyclohexane
Concen: 48.956 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015136.D
Acq: 16 Aug 2023 09:15

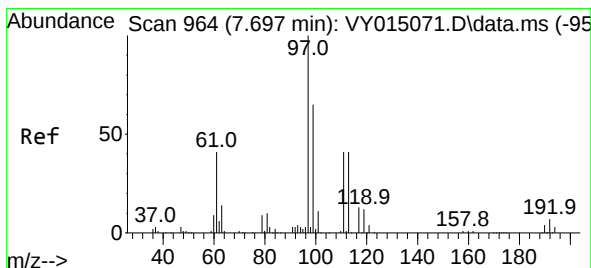
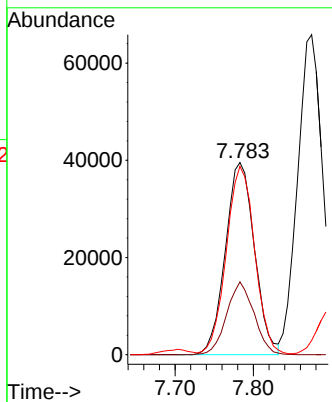
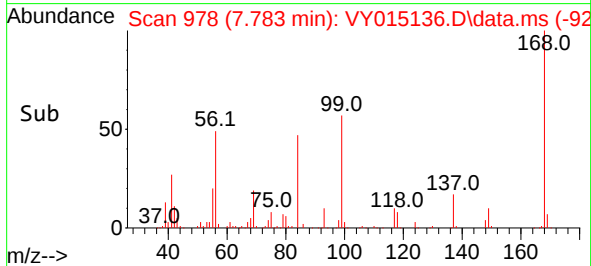
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



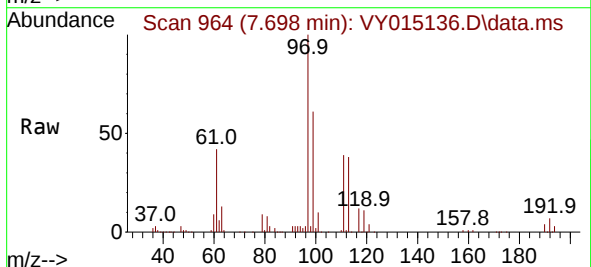
Tgt Ion: 56 Resp: 10228
Ion Ratio Lower Upper
56 100
69 37.9 27.8 41.6
84 95.4 66.4 99.6

Manual Integrations
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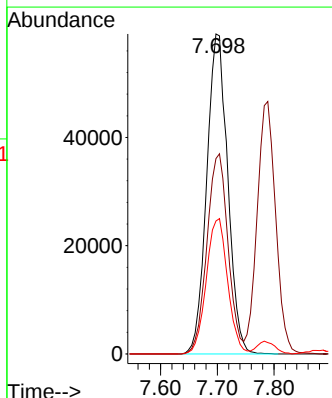
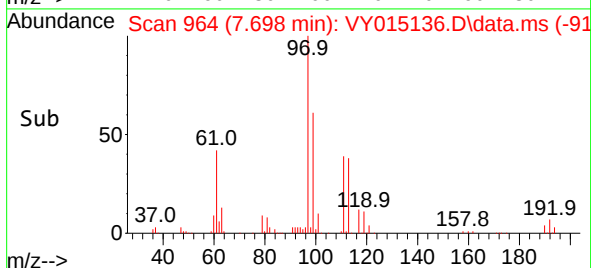
Reviewed By :Romaben Patel 08/17/2023
Supervised By :Mahesh Dadoda 08/17/2023

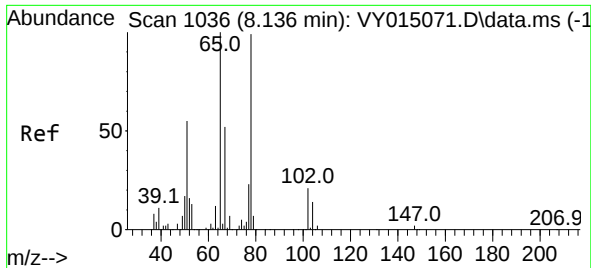


#32
1,1,1-Trichloroethane
Concen: 49.134 ug/l
RT: 7.698 min Scan# 964
Delta R.T. 0.000 min
Lab File: VY015136.D
Acq: 16 Aug 2023 09:15



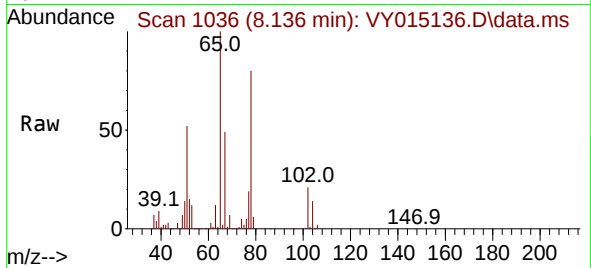
Tgt Ion: 97 Resp: 152054
Ion Ratio Lower Upper
97 100
99 63.2 50.8 76.2
61 43.2 35.1 52.7





#33
1,2-Dichloroethane-d4
Concen: 51.598 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY015136.D
Acq: 16 Aug 2023 09:15

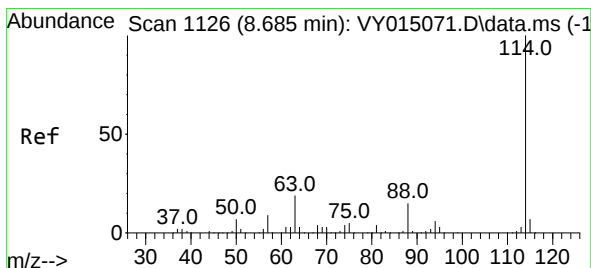
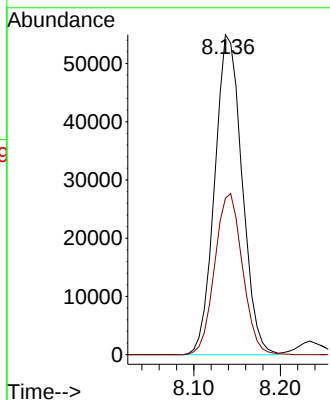
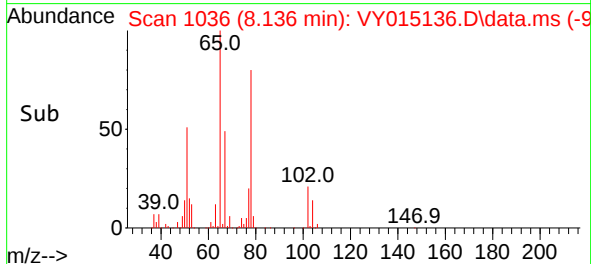
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



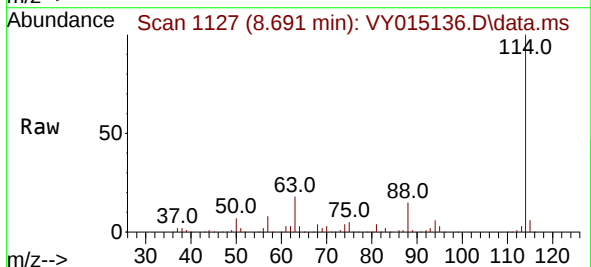
Tgt Ion: 65 Resp: 120560
Ion Ratio Lower Upper
65 100
67 51.0 0.0 101.8

Manual Integrations
APPROVED

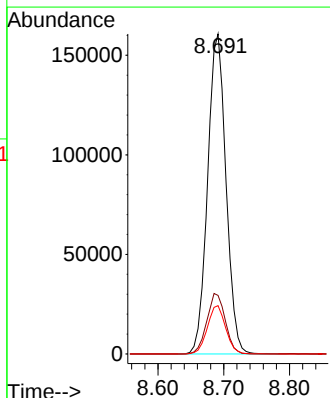
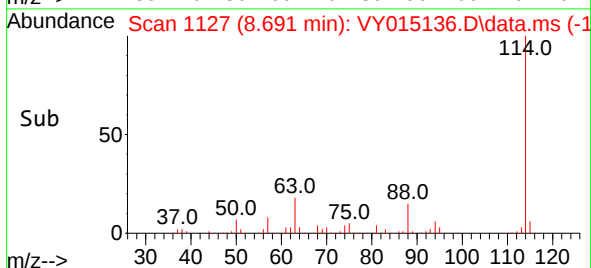
Reviewed By :Romaben Patel 08/17/2023
Supervised By :Mahesh Dadoda 08/17/2023

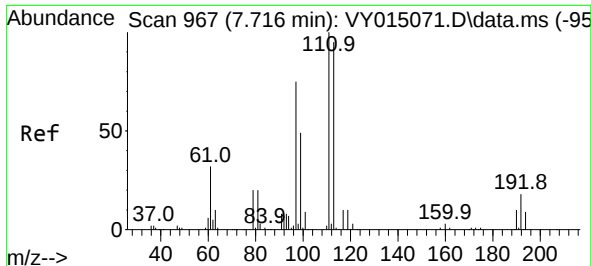


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VY015136.D
Acq: 16 Aug 2023 09:15



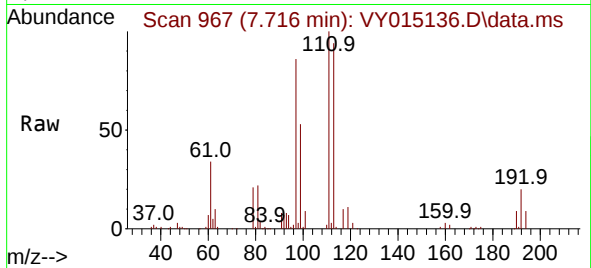
Tgt Ion:114 Resp: 312224
Ion Ratio Lower Upper
114 100
63 18.3 0.0 42.4
88 15.1 0.0 30.6





#35
Dibromofluoromethane
Concen: 52.414 ug/l
RT: 7.716 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY015136.D
Acq: 16 Aug 2023 09:15

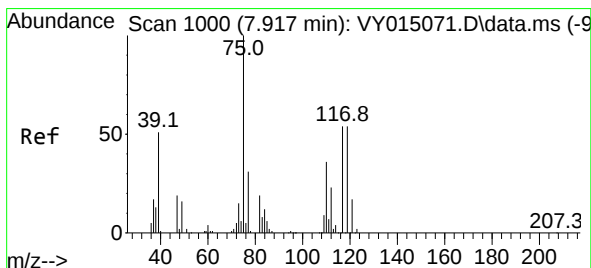
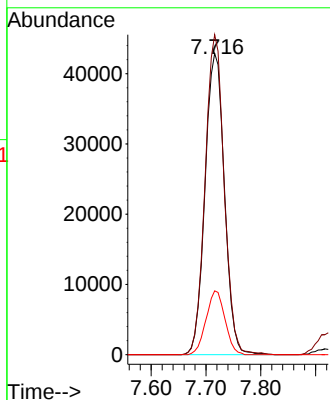
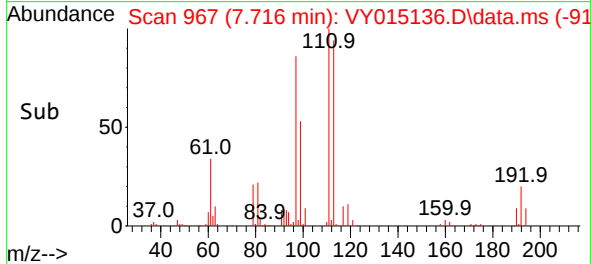
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



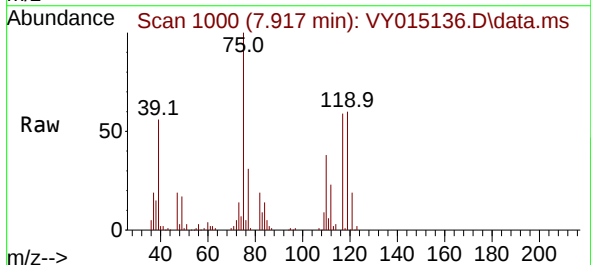
Tgt Ion: 113 Resp: 10528
Ion Ratio Lower Upper
113 100
111 103.9 81.3 121.9
192 20.6 16.9 25.3

Manual Integrations
APPROVED

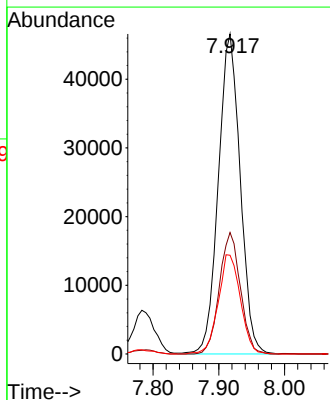
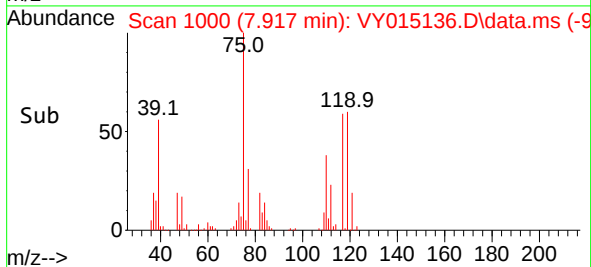
Reviewed By :Romaben Patel 08/17/2023
Supervised By :Mahesh Dadoda 08/17/2023

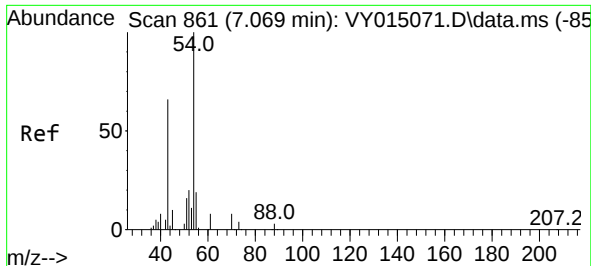


#36
1,1-Dichloropropene
Concen: 48.524 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.006 min
Lab File: VY015136.D
Acq: 16 Aug 2023 09:15



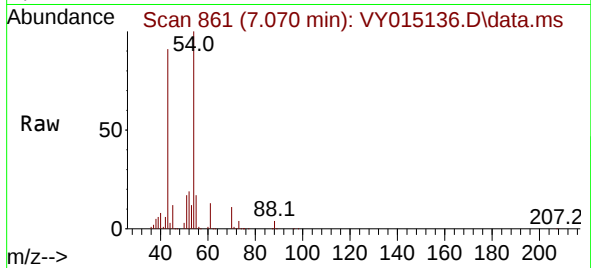
Tgt Ion: 75 Resp: 107830
Ion Ratio Lower Upper
75 100
110 36.4 17.8 53.5
77 31.4 24.4 36.6





#37
Ethyl Acetate
Concen: 51.853 ug/l
RT: 7.070 min Scan# 861
Delta R.T. 0.000 min
Lab File: VY015136.D
Acq: 16 Aug 2023 09:15

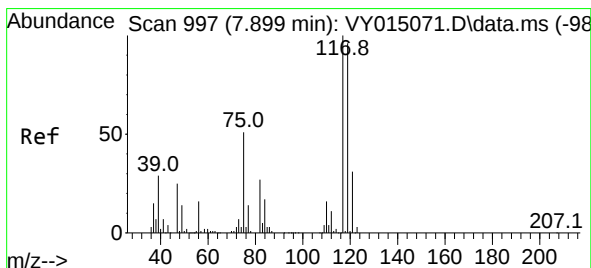
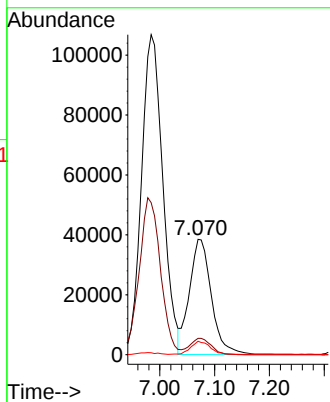
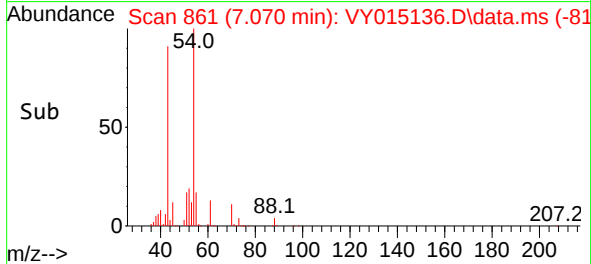
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 107400
Ion Ratio Lower Upper
43 100
61 13.8 10.1 15.1
70 10.5 7.1 10.7

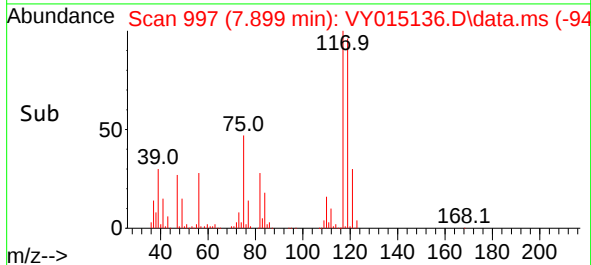
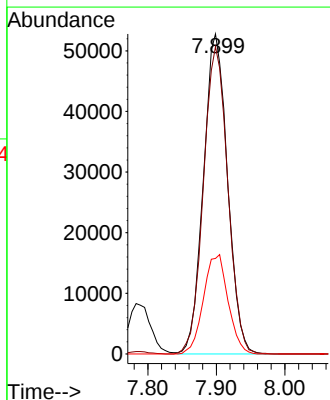
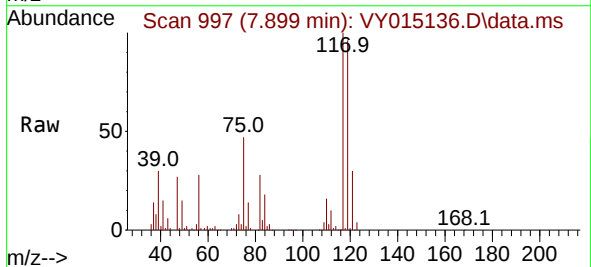
Manual Integrations
APPROVED

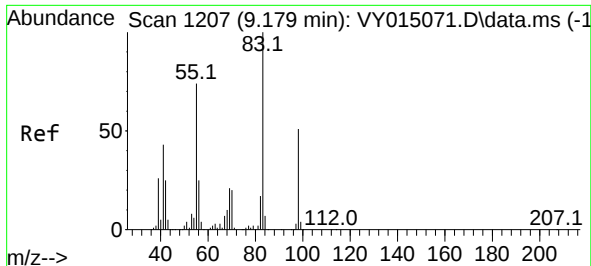
Reviewed By :Romaben Patel 08/17/2023
Supervised By :Mahesh Dadoda 08/17/2023



#38
Carbon Tetrachloride
Concen: 49.053 ug/l
RT: 7.899 min Scan# 997
Delta R.T. 0.000 min
Lab File: VY015136.D
Acq: 16 Aug 2023 09:15

Tgt Ion:117 Resp: 129006
Ion Ratio Lower Upper
117 100
119 96.0 76.4 114.6
121 29.9 25.8 38.6





#39

Methylcyclohexane

Concen: 48.489 ug/l

RT: 9.185 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY015136.D

Acq: 16 Aug 2023 09:15

Instrument :

MSVOA_Y

ClientSampleId :

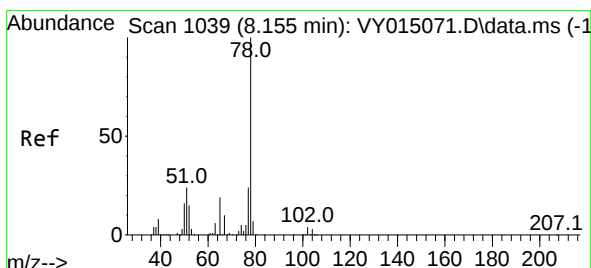
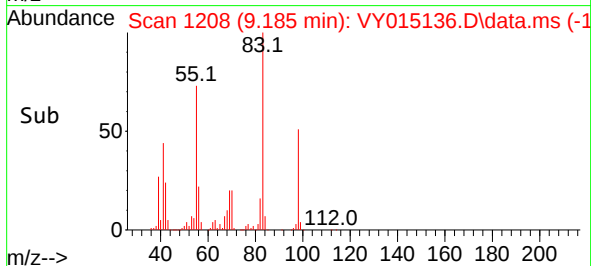
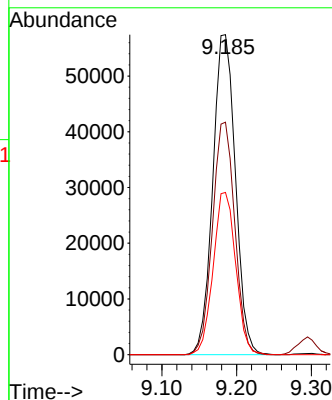
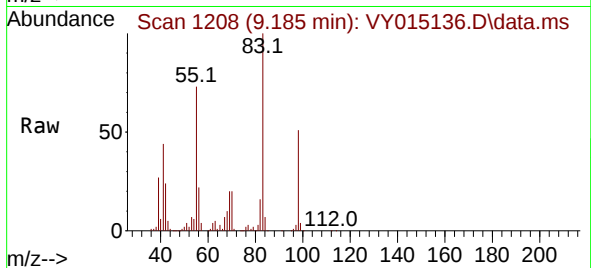
VSTDCCC050

Tgt Ion:	83	Resp:	120794
Ion	Ratio	Lower	Upper
83	100		
55	72.7	63.0	94.4
98	50.7	37.4	56.2

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 08/17/2023
Supervised By :Mahesh Dadoda 08/17/2023



#40

Benzene

Concen: 49.384 ug/l

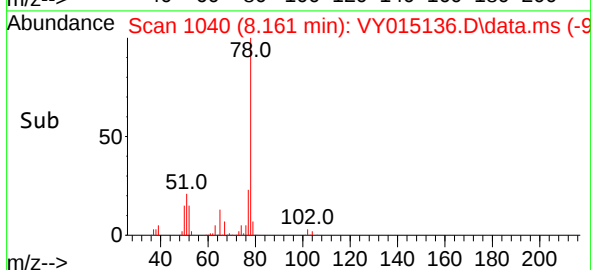
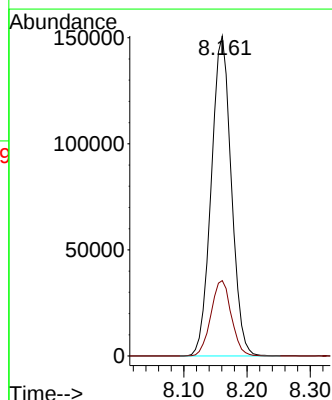
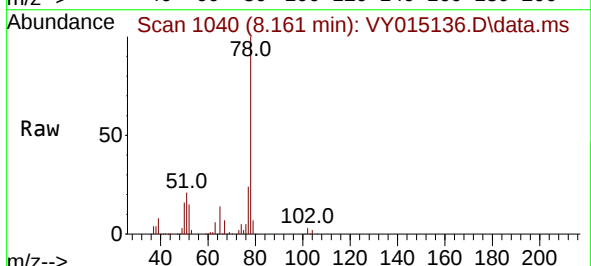
RT: 8.161 min Scan# 1040

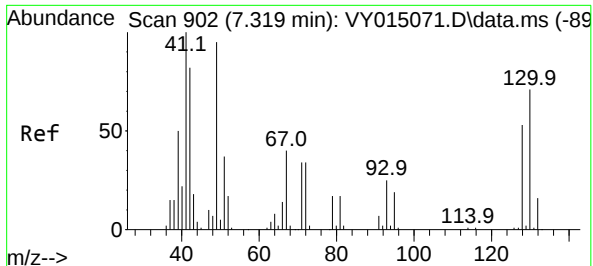
Delta R.T. 0.006 min

Lab File: VY015136.D

Acq: 16 Aug 2023 09:15

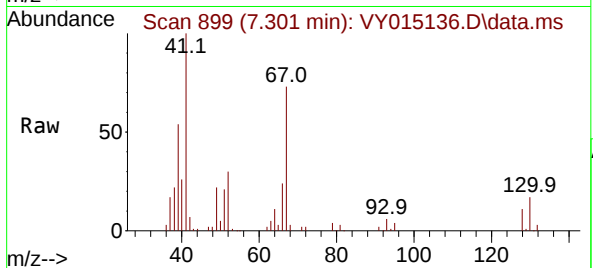
Tgt Ion:	78	Resp:	331784
Ion	Ratio	Lower	Upper
78	100		
77	23.6	19.0	28.6





#41
Methacrylonitrile
Concen: 50.067 ug/l m
RT: 7.301 min Scan# 899
Delta R.T. -0.006 min
Lab File: VY015136.D
Acq: 16 Aug 2023 09:15

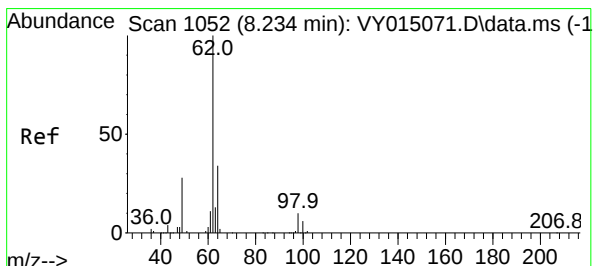
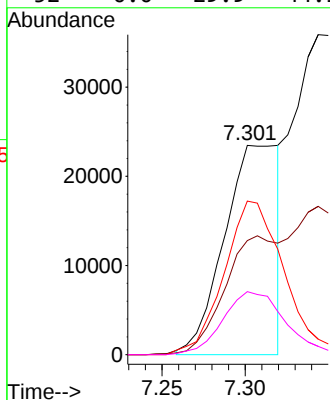
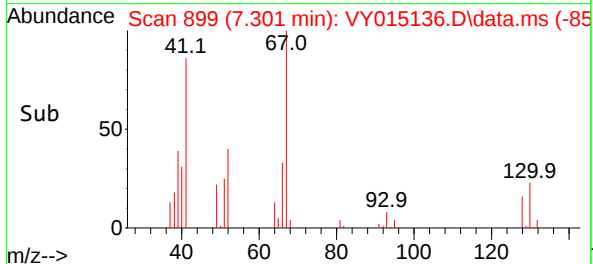
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 53470
Ion Ratio Lower Upper
41 100
39 74.0 52.1 78.1
67 0.0 66.2 99.2
52 0.0 29.9 44.9

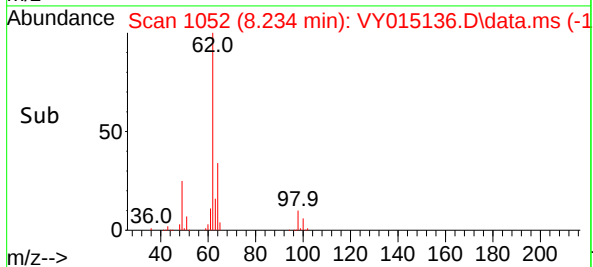
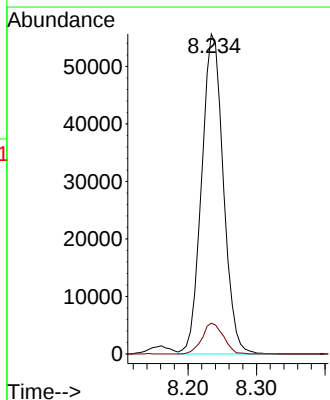
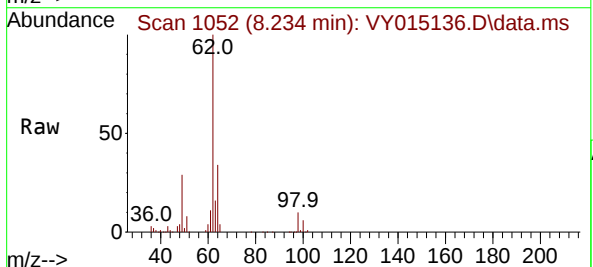
Manual Integrations
APPROVED

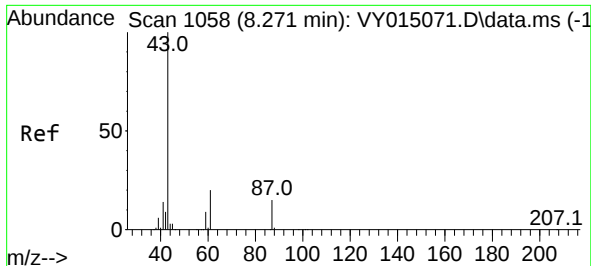
Reviewed By :Romaben Patel 08/17/2023
Supervised By :Mahesh Dadoda 08/17/2023



#42
1,2-Dichloroethane
Concen: 50.303 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VY015136.D
Acq: 16 Aug 2023 09:15

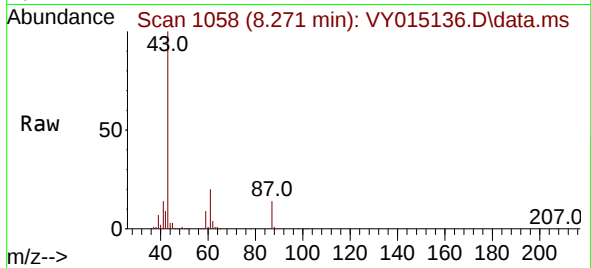
Tgt Ion: 62 Resp: 122738
Ion Ratio Lower Upper
62 100
98 9.4 0.0 15.8





#43
Isopropyl Acetate
Concen: 50.427 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VY015136.D
Acq: 16 Aug 2023 09:15

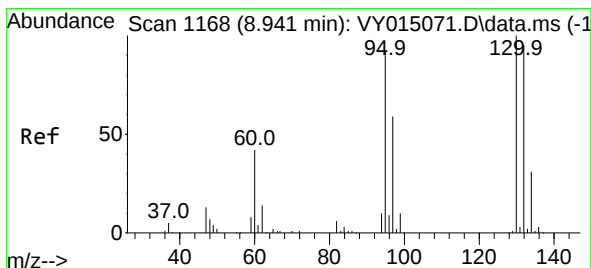
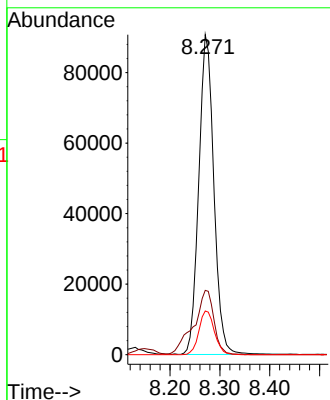
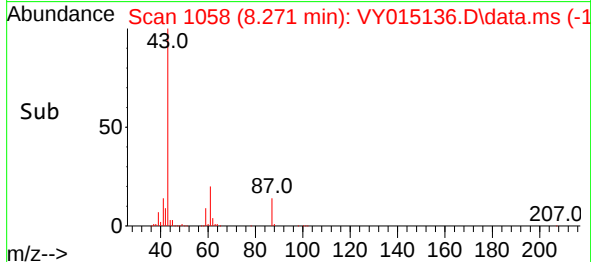
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 190210
Ion Ratio Lower Upper
43 100
61 27.0 21.1 31.7
87 14.1 9.8 14.8

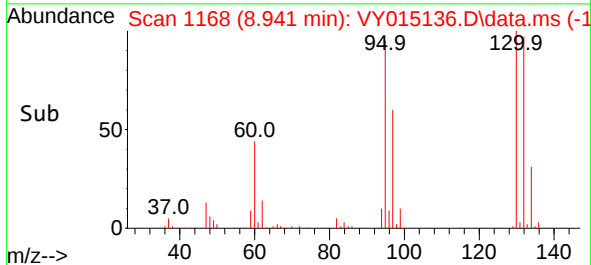
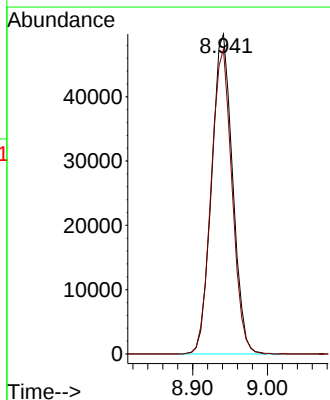
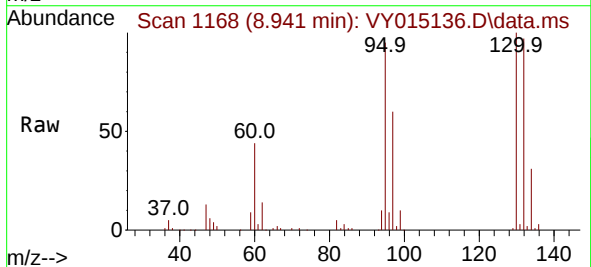
Manual Integrations
APPROVED

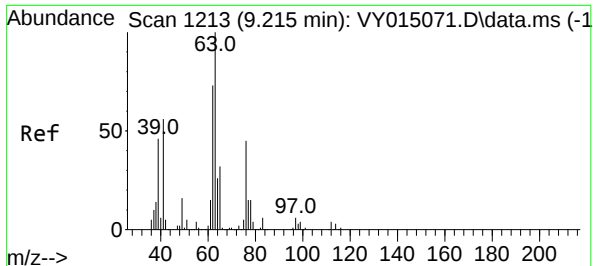
Reviewed By :Romaben Patel 08/17/2023
Supervised By :Mahesh Dadoda 08/17/2023



#44
Trichloroethene
Concen: 50.088 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.006 min
Lab File: VY015136.D
Acq: 16 Aug 2023 09:15

Tgt Ion:130 Resp: 96949
Ion Ratio Lower Upper
130 100
95 95.3 0.0 196.0





#45

1,2-Dichloropropane

Concen: 49.003 ug/l

RT: 9.216 min Scan# 1213

Delta R.T. 0.006 min

Lab File: VY015136.D

Acq: 16 Aug 2023 09:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 92830

Ion Ratio Lower Upper

63 100

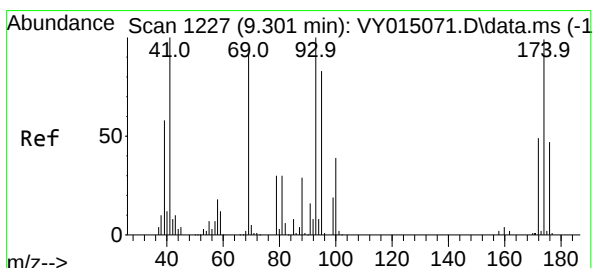
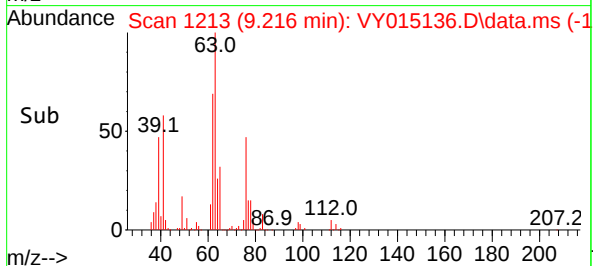
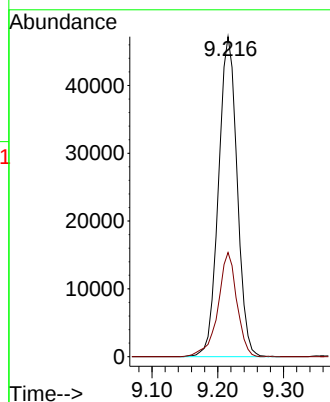
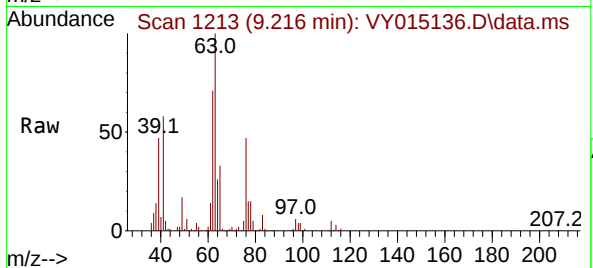
65 32.6 23.8 35.6

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 08/17/2023

Supervised By :Mahesh Dadoda 08/17/2023



#46

Dibromomethane

Concen: 51.449 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.006 min

Lab File: VY015136.D

Acq: 16 Aug 2023 09:15

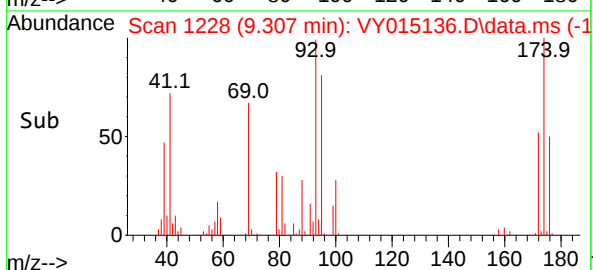
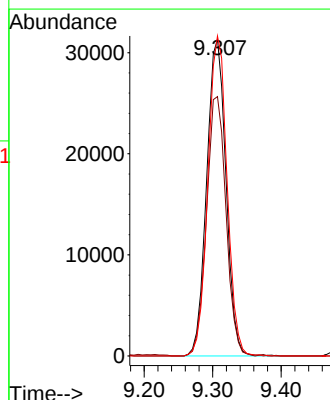
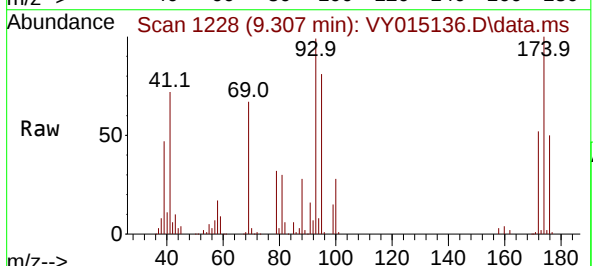
Tgt Ion: 93 Resp: 61475

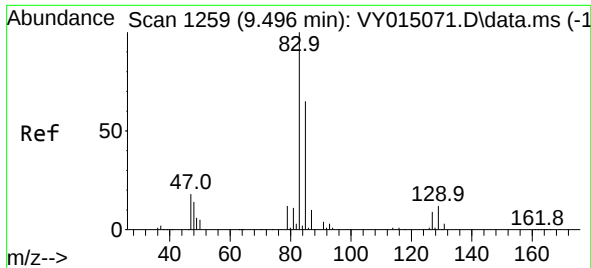
Ion Ratio Lower Upper

93 100

95 82.7 66.6 100.0

174 100.1 84.8 127.2





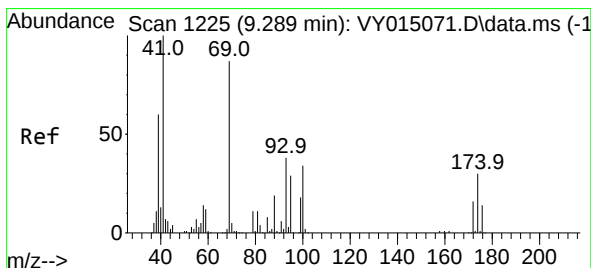
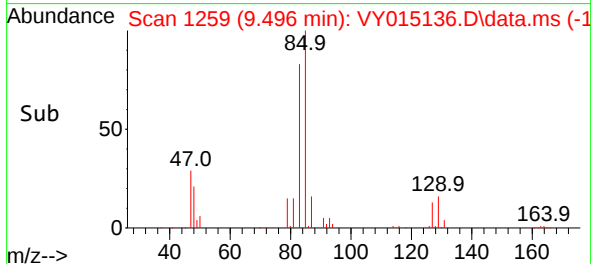
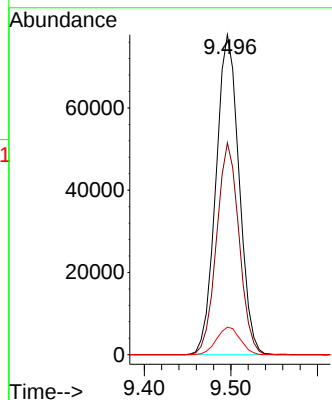
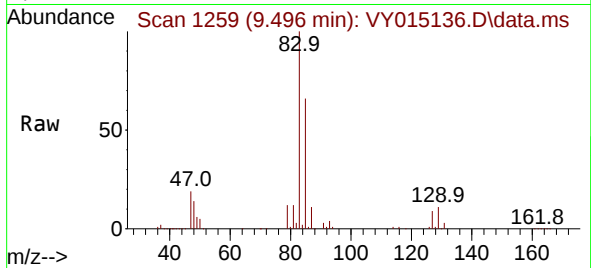
#47
Bromodichloromethane
Concen: 50.598 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY015136.D
Acq: 16 Aug 2023 09:15

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 144269
Ion Ratio Lower Upper
83 100
85 66.2 50.1 75.1
127 8.6 7.1 10.7

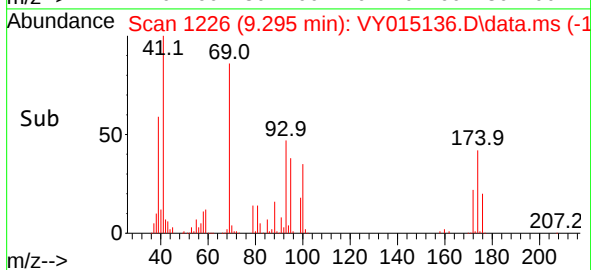
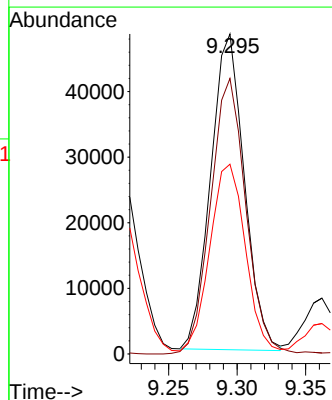
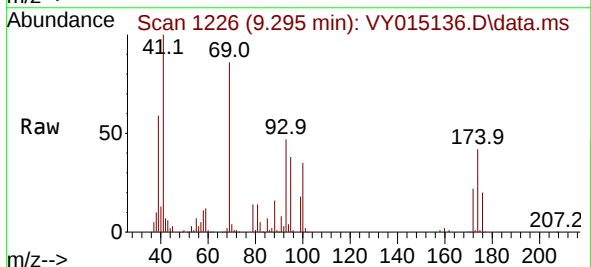
Manual Integrations
APPROVED

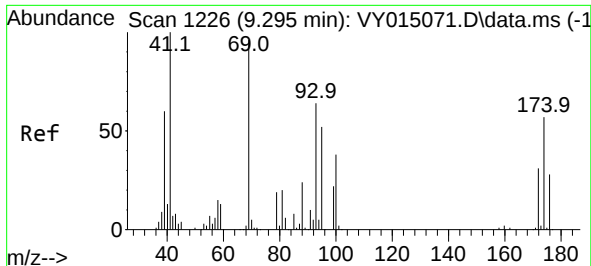
Reviewed By :Romaben Patel 08/17/2023
Supervised By :Mahesh Dadoda 08/17/2023



#48
Methyl methacrylate
Concen: 50.923 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.006 min
Lab File: VY015136.D
Acq: 16 Aug 2023 09:15

Tgt Ion: 41 Resp: 82170
Ion Ratio Lower Upper
41 100
69 91.7 64.5 96.7
39 63.9 50.8 76.2





#49

1,4-Dioxane

Concen: 1004.498 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.012 min

Lab File: VY015136.D

Acq: 16 Aug 2023 09:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 2400

Ion Ratio Lower Upper

88 100

43 27.9 0.0 0.0

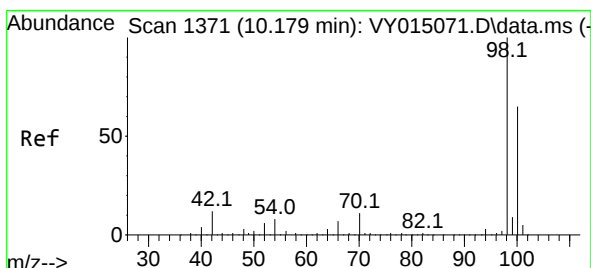
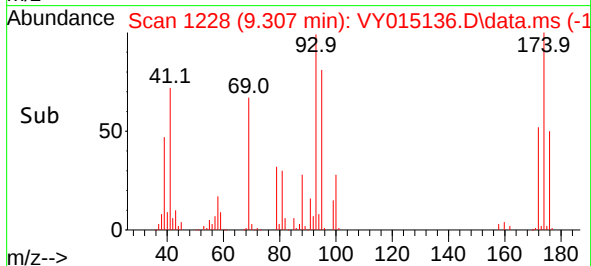
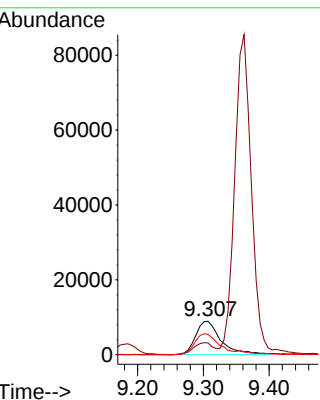
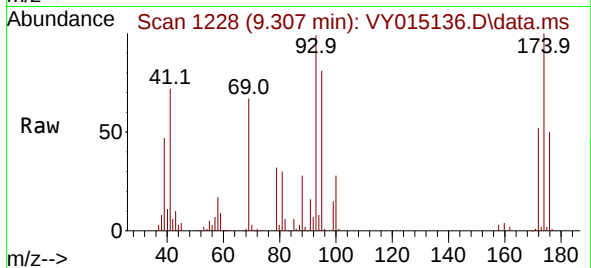
58 66.7 30.9 46.3

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 08/17/2023

Supervised By :Mahesh Dadoda 08/17/2023



#50

Toluene-d8

Concen: 51.640 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY015136.D

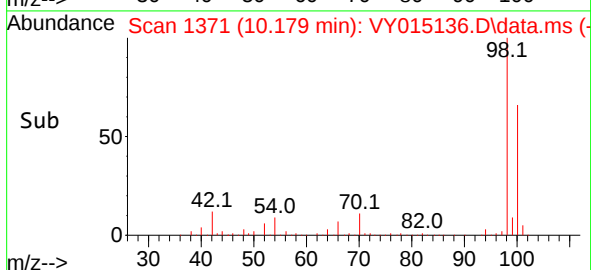
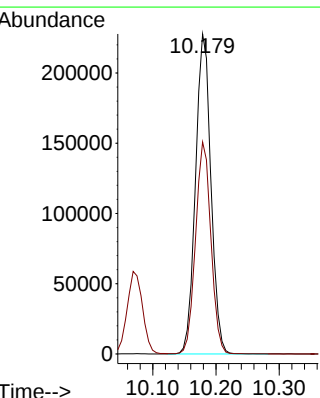
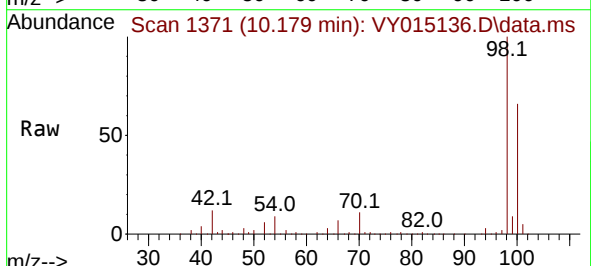
Acq: 16 Aug 2023 09:15

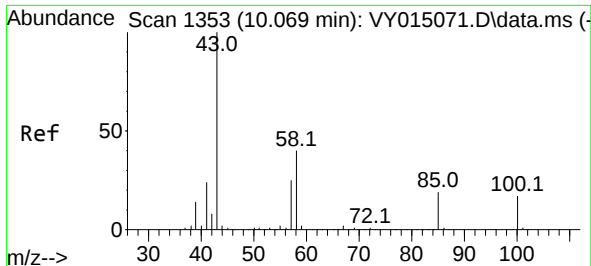
Tgt Ion: 98 Resp: 386131

Ion Ratio Lower Upper

98 100

100 66.0 50.1 75.1





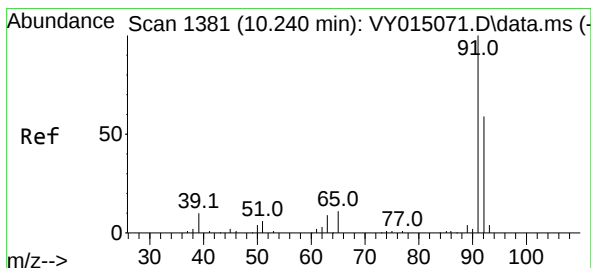
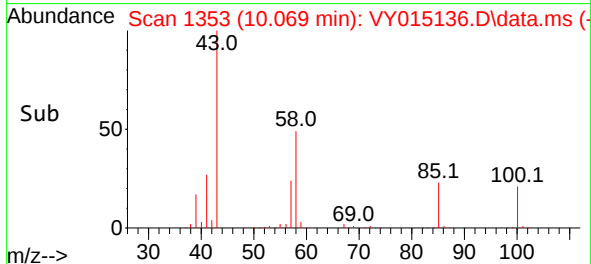
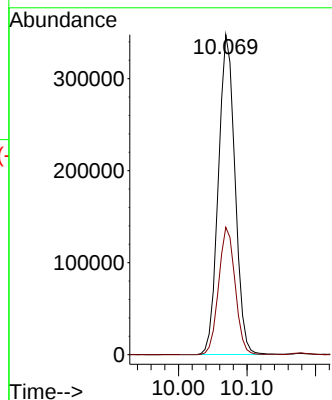
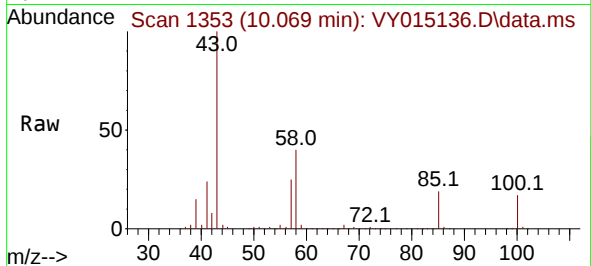
#51
4-Methyl-2-Pentanone
Concen: 267.617 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY015136.D
Acq: 16 Aug 2023 09:15

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 58504
Ion Ratio Lower Upper
43 100
58 39.6 29.0 43.6

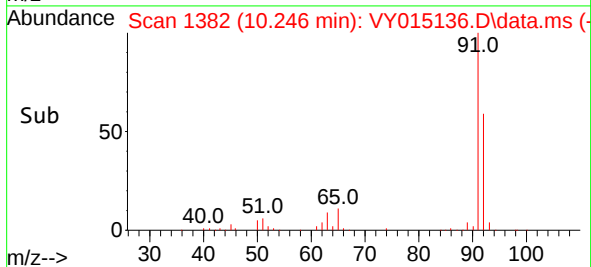
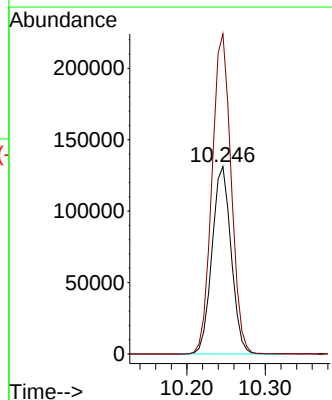
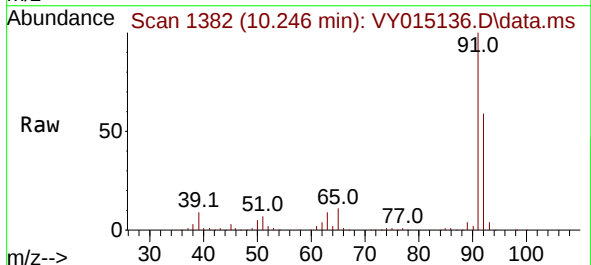
Manual Integrations
APPROVED

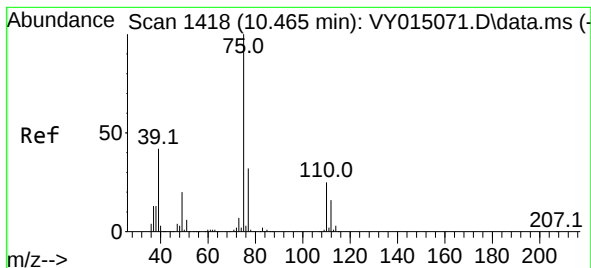
Reviewed By :Romaben Patel 08/17/2023
Supervised By :Mahesh Dadoda 08/17/2023



#52
Toluene
Concen: 50.055 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.006 min
Lab File: VY015136.D
Acq: 16 Aug 2023 09:15

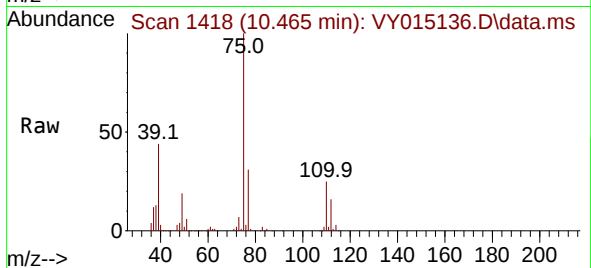
Tgt Ion: 92 Resp: 221656
Ion Ratio Lower Upper
92 100
91 171.6 143.8 215.6





#53
t-1,3-Dichloropropene
Concen: 50.138 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY015136.D
Acq: 16 Aug 2023 09:15

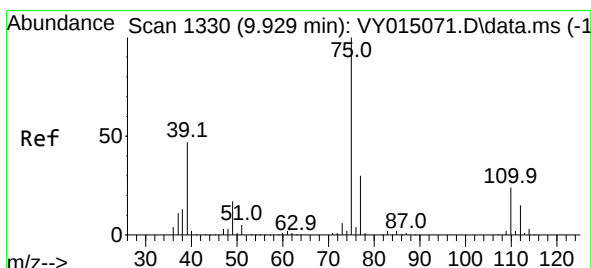
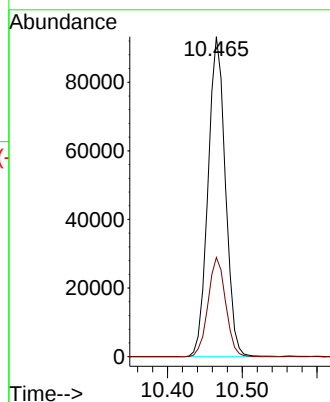
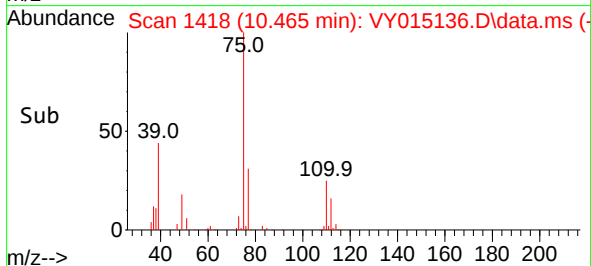
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 150239
Ion Ratio Lower Upper
75 100
77 31.0 25.0 37.4

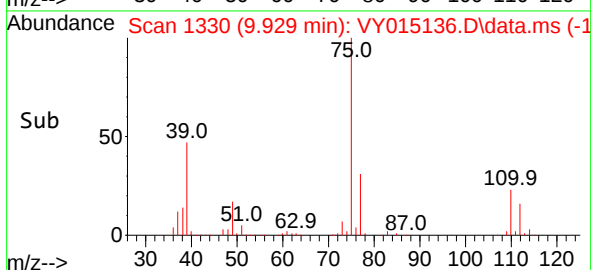
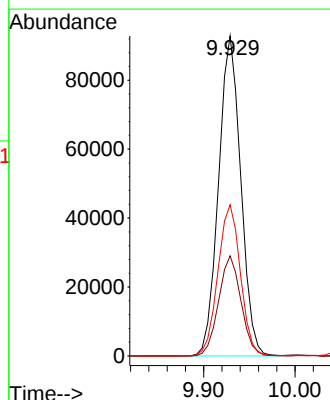
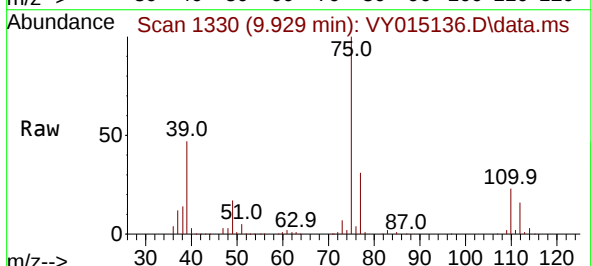
Manual Integrations
APPROVED

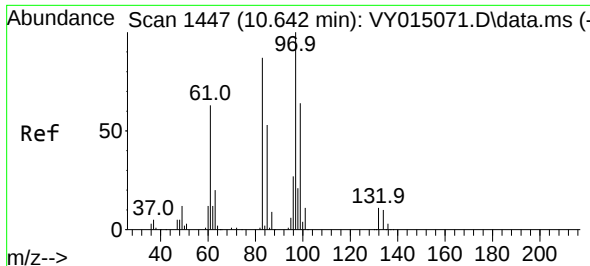
Reviewed By :Romaben Patel 08/17/2023
Supervised By :Mahesh Dadoda 08/17/2023



#54
cis-1,3-Dichloropropene
Concen: 49.701 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. 0.006 min
Lab File: VY015136.D
Acq: 16 Aug 2023 09:15

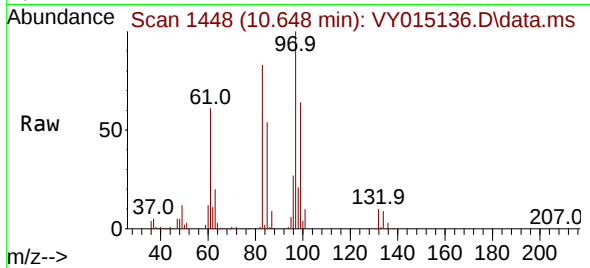
Tgt Ion: 75 Resp: 156848
Ion Ratio Lower Upper
75 100
77 31.3 24.2 36.4
39 47.3 42.2 63.4





#55
1,1,2-Trichloroethane
Concen: 50.400 ug/l
RT: 10.648 min Scan# 1448
Delta R.T. 0.006 min
Lab File: VY015136.D
Acq: 16 Aug 2023 09:15

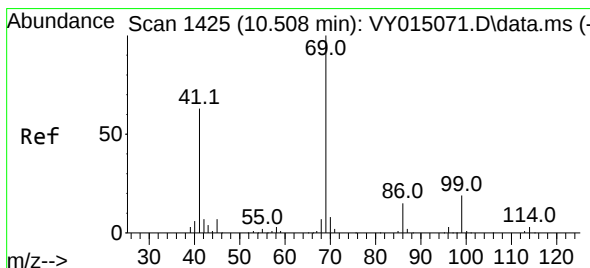
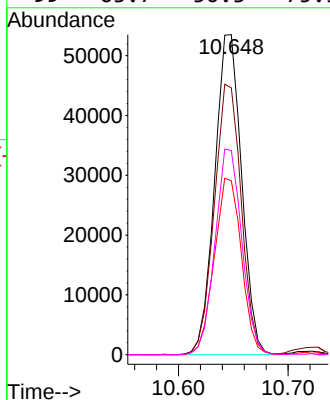
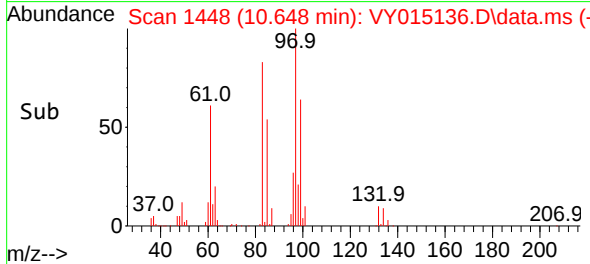
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



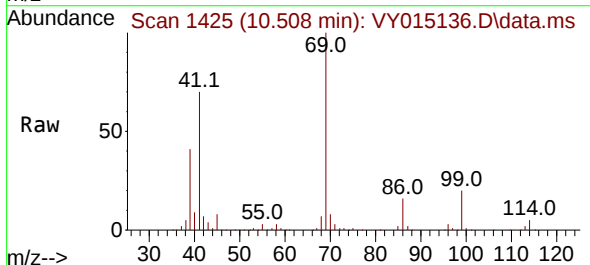
Tgt Ion	Ratio	Lower	Upper
97	100		
83	83.4	72.0	108.0
85	54.4	45.4	68.0
99	63.7	50.3	75.5

Manual Integrations
APPROVED

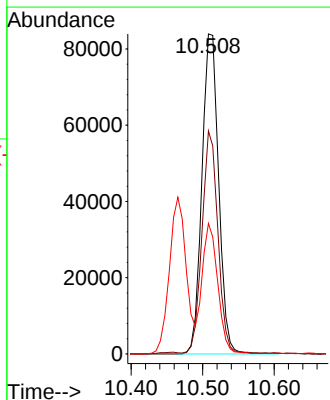
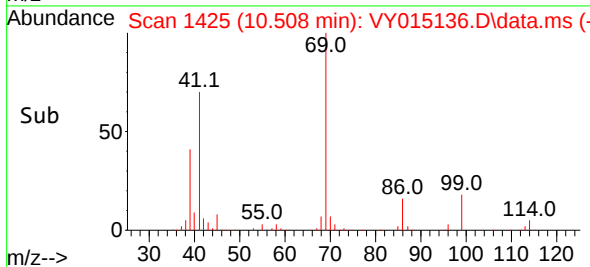
Reviewed By :Romaben Patel 08/17/2023
Supervised By :Mahesh Dadoda 08/17/2023

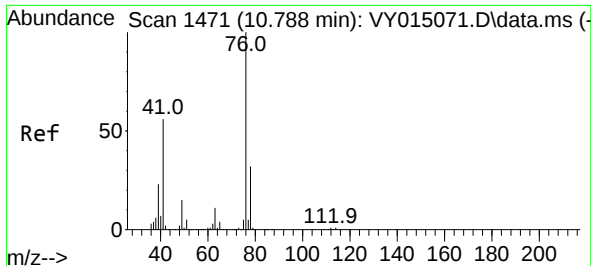


#56
Ethyl methacrylate
Concen: 51.256 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VY015136.D
Acq: 16 Aug 2023 09:15



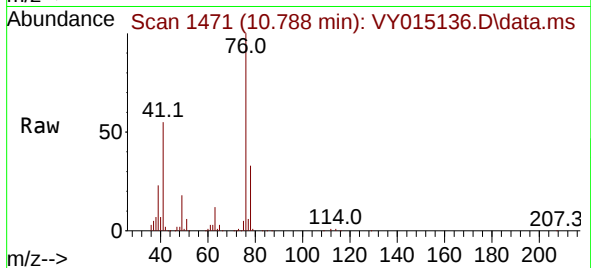
Tgt Ion	Ratio	Lower	Upper
69	100		
41	65.8	57.6	86.4
39	37.9	34.1	51.1





#57
1,3-Dichloropropane
Concen: 51.021 ug/l
RT: 10.788 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VY015136.D
Acq: 16 Aug 2023 09:15

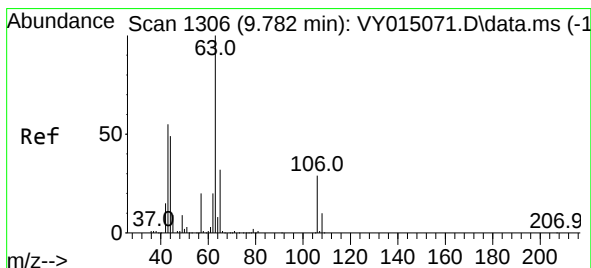
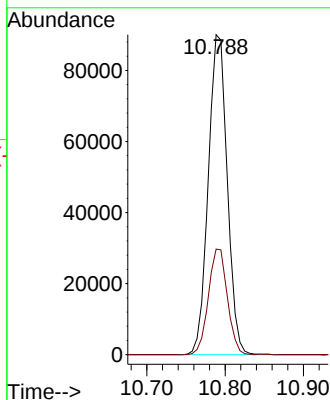
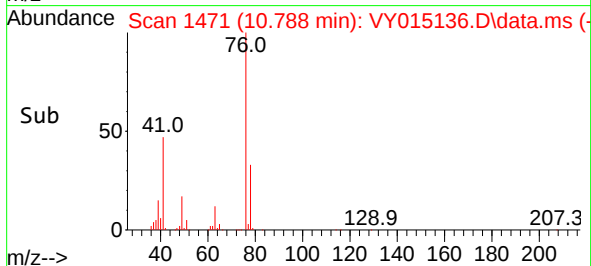
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 15144
Ion Ratio Lower Upper
76 100
78 33.0 25.3 37.9

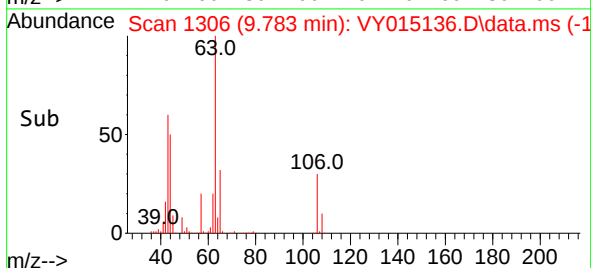
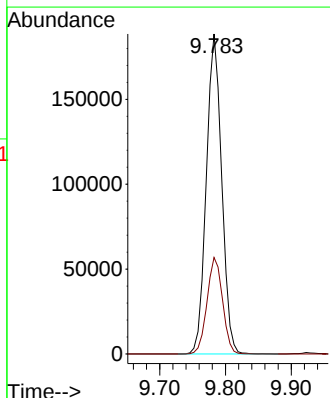
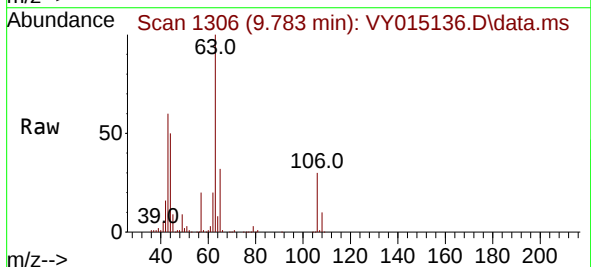
Manual Integrations
APPROVED

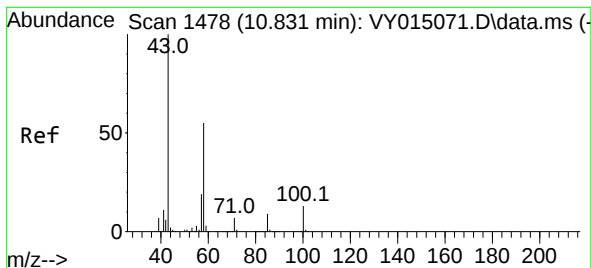
Reviewed By :Romaben Patel 08/17/2023
Supervised By :Mahesh Dadoda 08/17/2023



#58
2-Chloroethyl Vinyl ether
Concen: 247.288 ug/l
RT: 9.783 min Scan# 1306
Delta R.T. 0.006 min
Lab File: VY015136.D
Acq: 16 Aug 2023 09:15

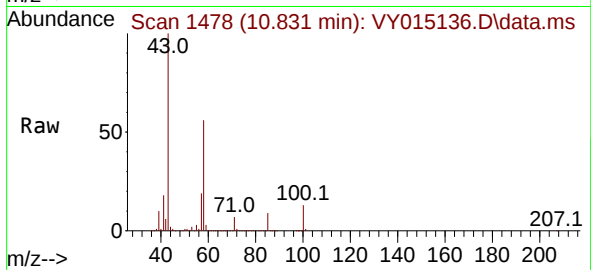
Tgt Ion: 63 Resp: 305994
Ion Ratio Lower Upper
63 100
106 30.4 21.2 31.8





#59
2-Hexanone
Concen: 280.271 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY015136.D
Acq: 16 Aug 2023 09:15

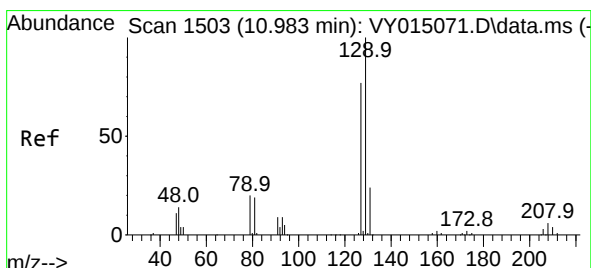
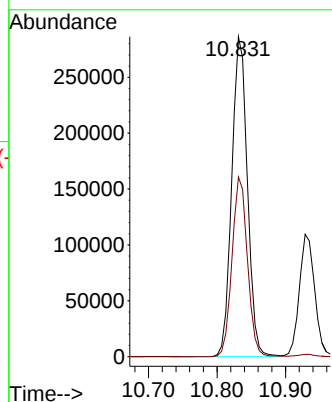
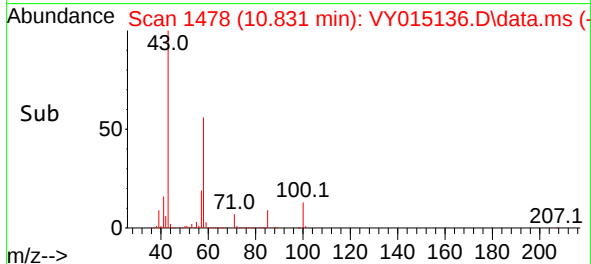
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 45347
Ion Ratio Lower Upper
43 100
58 55.4 25.1 75.3

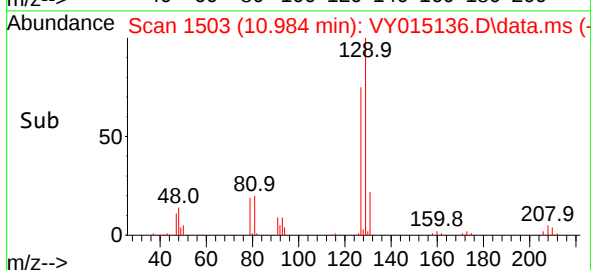
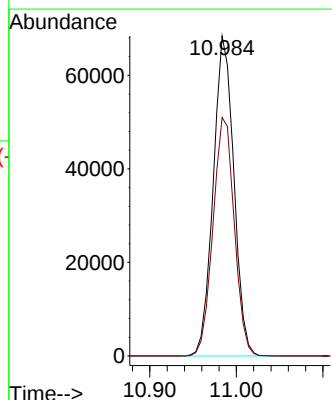
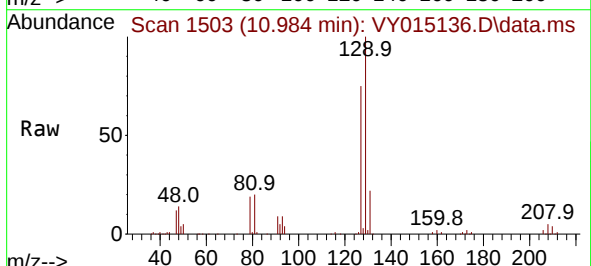
Manual Integrations
APPROVED

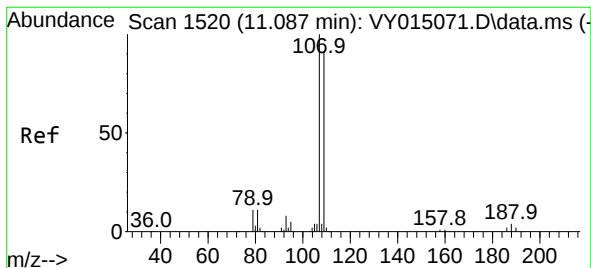
Reviewed By :Romaben Patel 08/17/2023
Supervised By :Mahesh Dadoda 08/17/2023



#60
Dibromochloromethane
Concen: 52.125 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY015136.D
Acq: 16 Aug 2023 09:15

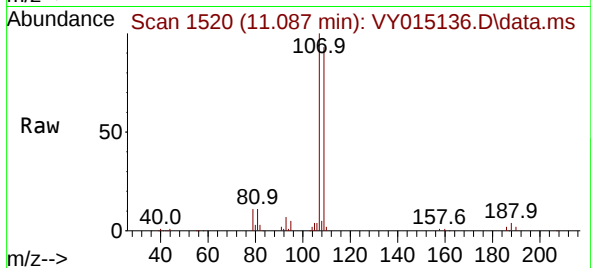
Tgt Ion:129 Resp: 112967
Ion Ratio Lower Upper
129 100
127 77.0 38.5 115.5





#61
1,2-Dibromoethane
Concen: 51.090 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY015136.D
Acq: 16 Aug 2023 09:15

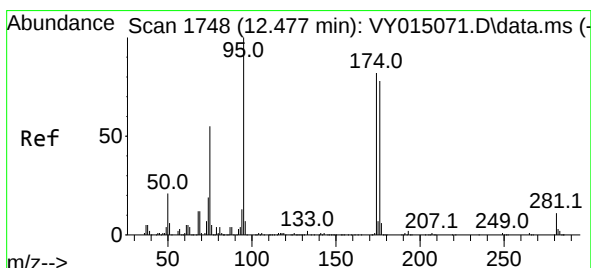
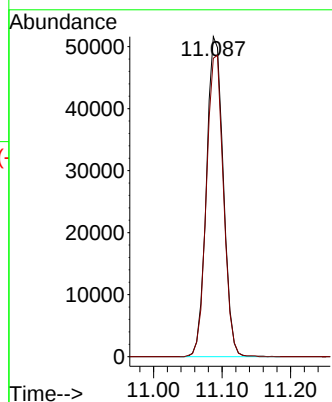
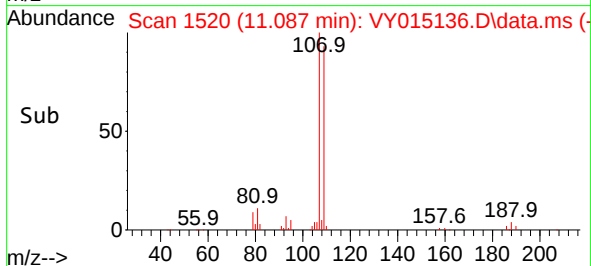
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



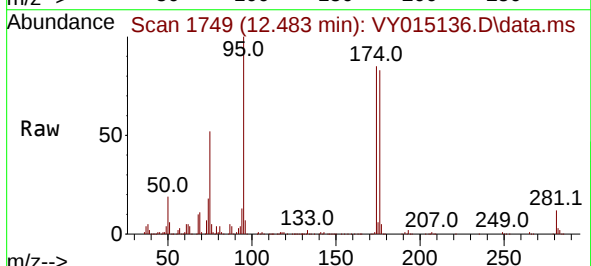
Tgt Ion:107 Resp: 88178
Ion Ratio Lower Upper
107 100
109 95.4 75.6 113.4

Manual Integrations
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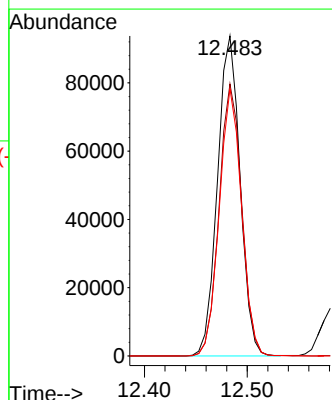
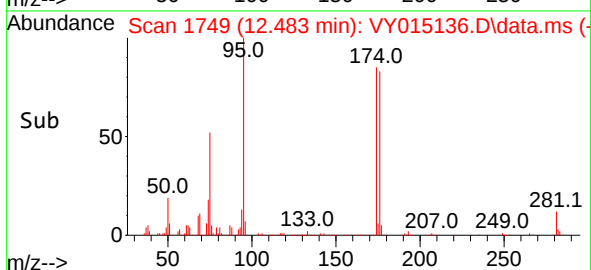
Reviewed By :Romaben Patel 08/17/2023
Supervised By :Mahesh Dadoda 08/17/2023

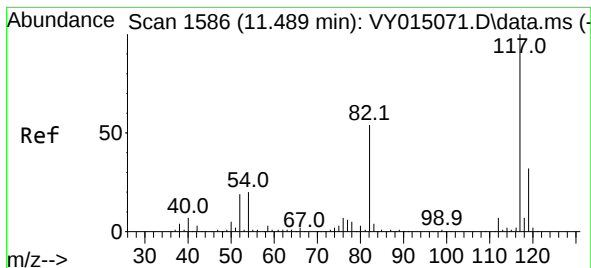


#62
4-Bromofluorobenzene
Concen: 52.305 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY015136.D
Acq: 16 Aug 2023 09:15



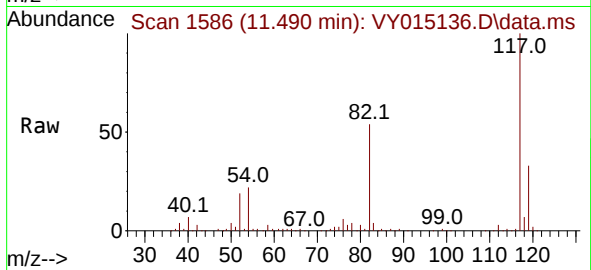
Tgt Ion: 95 Resp: 142848
Ion Ratio Lower Upper
95 100
174 85.1 0.0 178.2
176 82.6 0.0 173.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015136.D
Acq: 16 Aug 2023 09:15

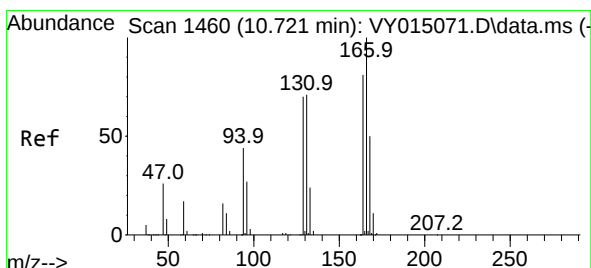
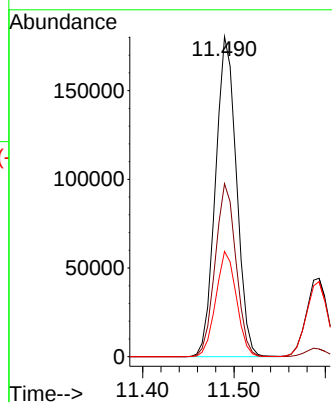
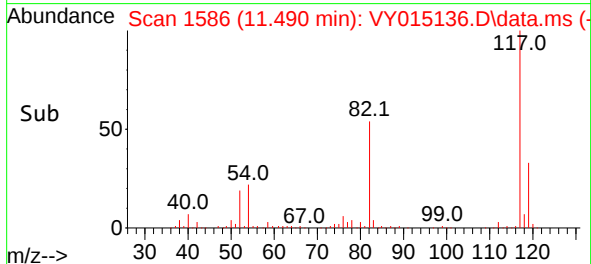
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



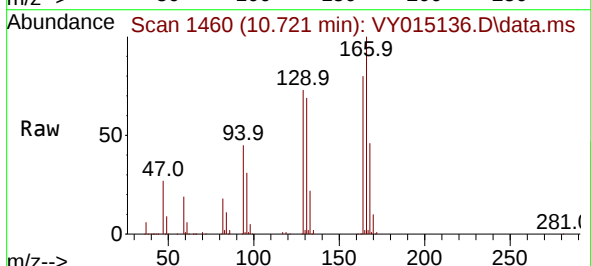
Tgt Ion:117 Resp: 287520
Ion Ratio Lower Upper
117 100
82 54.0 43.4 65.0
119 32.9 26.3 39.5

Manual Integrations
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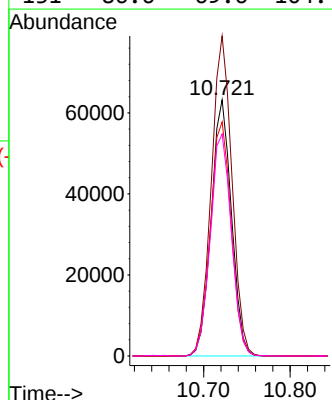
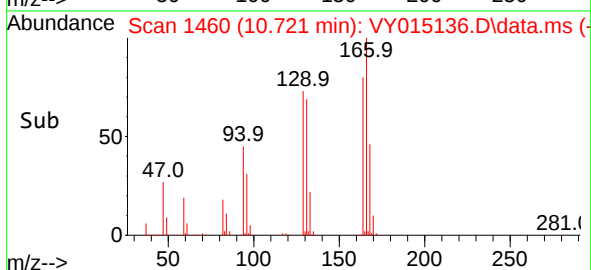
Reviewed By :Romaben Patel 08/17/2023
Supervised By :Mahesh Dadoda 08/17/2023

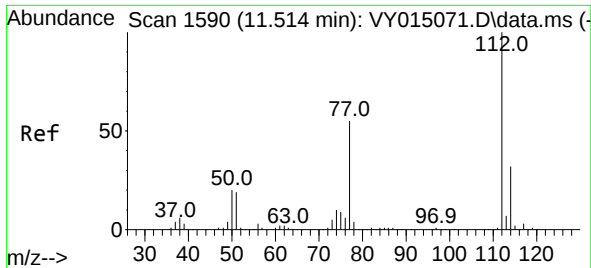


#64
Tetrachloroethene
Concen: 51.234 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.006 min
Lab File: VY015136.D
Acq: 16 Aug 2023 09:15



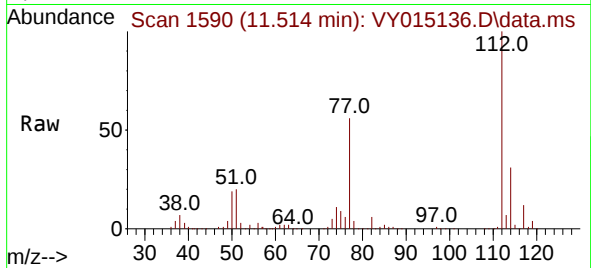
Tgt Ion:164 Resp: 102630
Ion Ratio Lower Upper
164 100
166 124.9 103.0 154.6
129 91.4 77.2 115.8
131 86.6 69.6 104.4





#65
Chlorobenzene
Concen: 49.344 ug/l
RT: 11.514 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015136.D
Acq: 16 Aug 2023 09:15

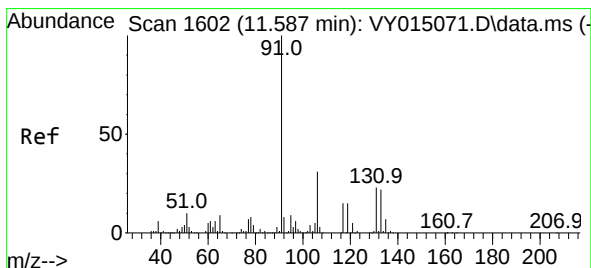
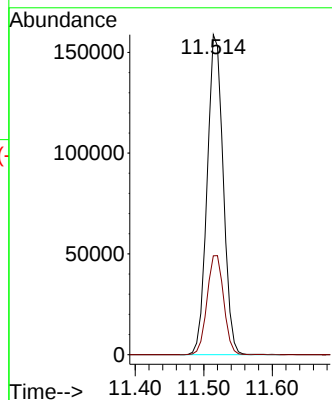
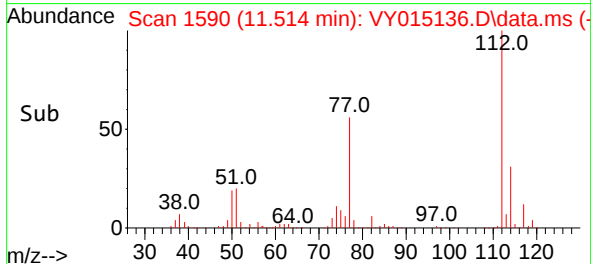
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



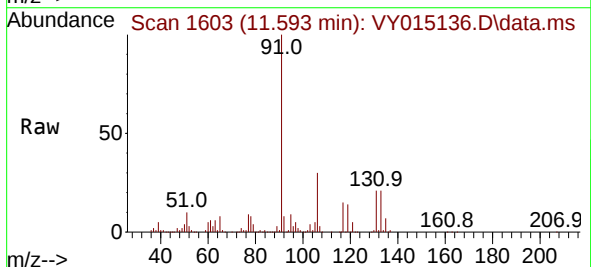
Tgt Ion:112 Resp: 25849
Ion Ratio Lower Upper
112 100
114 30.9 25.5 38.3

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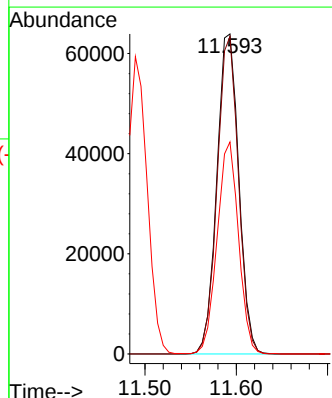
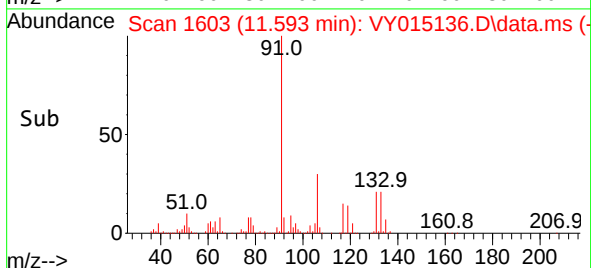
Reviewed By :Romaben Patel 08/17/2023
Supervised By :Mahesh Dadoda 08/17/2023

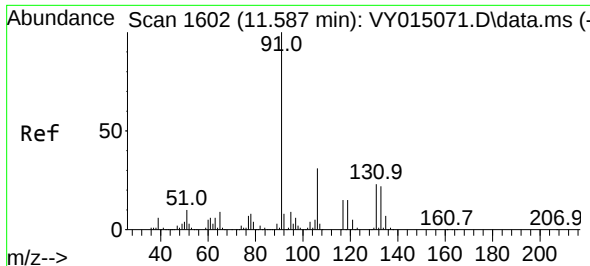


#66
1,1,1,2-Tetrachloroethane
Concen: 50.329 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.006 min
Lab File: VY015136.D
Acq: 16 Aug 2023 09:15



Tgt Ion:131 Resp: 106980
Ion Ratio Lower Upper
131 100
133 96.0 47.5 142.6
119 64.6 31.6 94.7





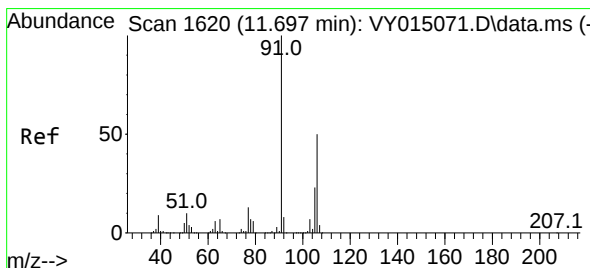
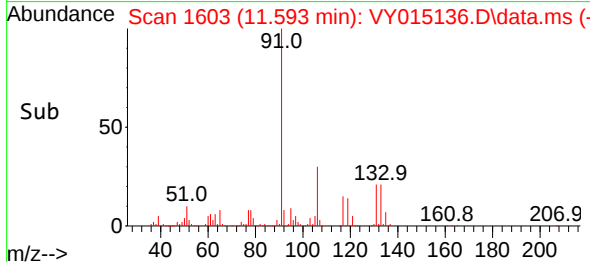
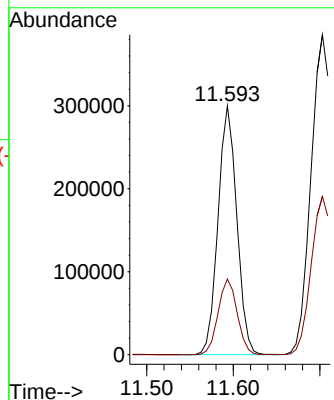
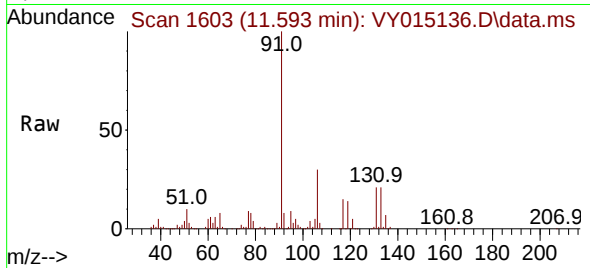
#67
Ethyl Benzene
Concen: 49.197 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.006 min
Lab File: VY015136.D
Acq: 16 Aug 2023 09:15

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 45155
Ion Ratio Lower Upper
91 100
106 30.4 24.6 36.8

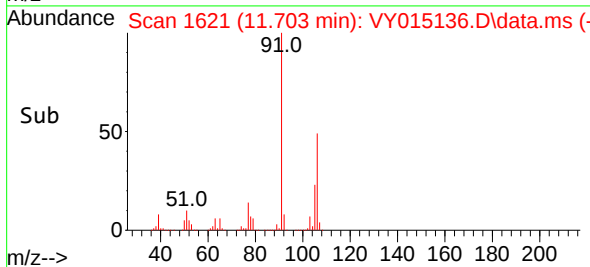
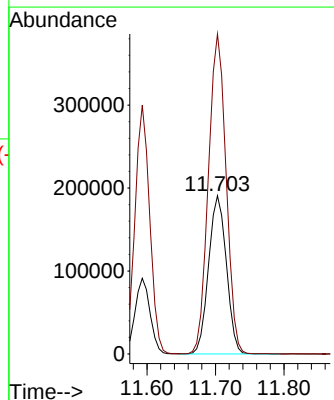
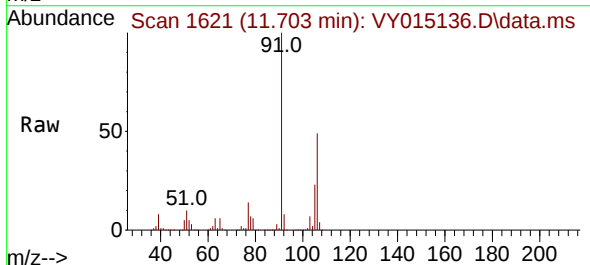
Manual Integrations
APPROVED

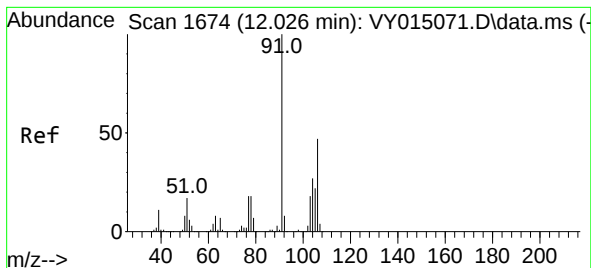
Reviewed By :Romaben Patel 08/17/2023
Supervised By :Mahesh Dadoda 08/17/2023



#68
m/p-Xylenes
Concen: 98.708 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.006 min
Lab File: VY015136.D
Acq: 16 Aug 2023 09:15

Tgt Ion:106 Resp: 344102
Ion Ratio Lower Upper
106 100
91 200.7 166.1 249.1





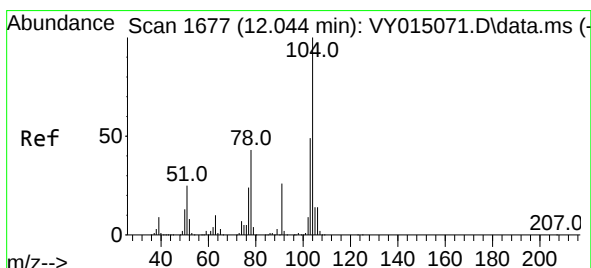
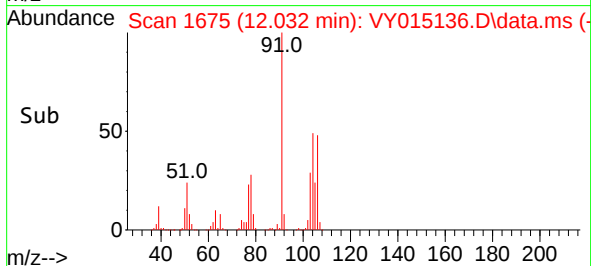
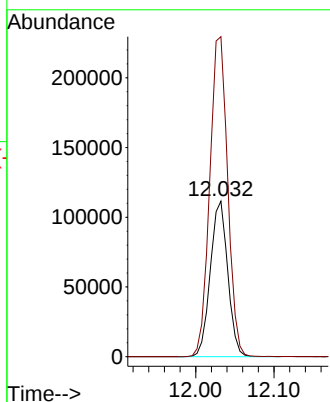
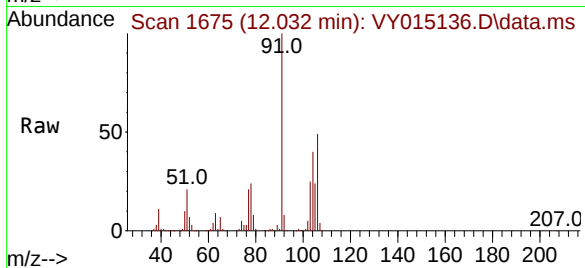
#69
o-Xylene
Concen: 49.526 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.006 min
Lab File: VY015136.D
Acq: 16 Aug 2023 09:15

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 171992
Ion Ratio Lower Upper
106 100
91 212.0 108.1 324.3

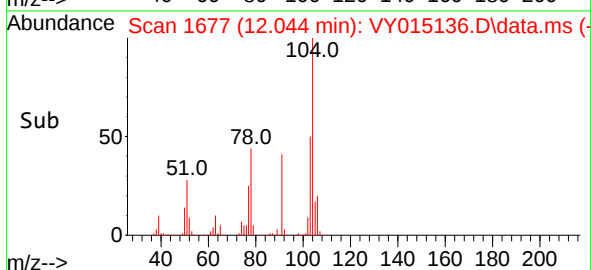
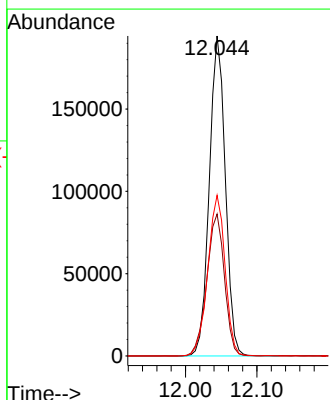
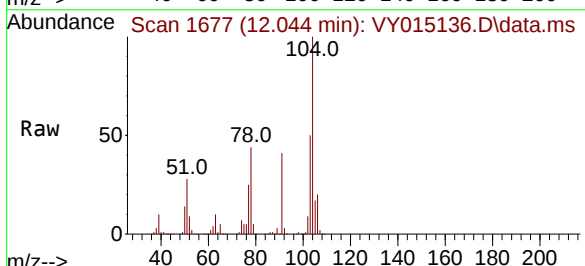
Manual Integrations
APPROVED

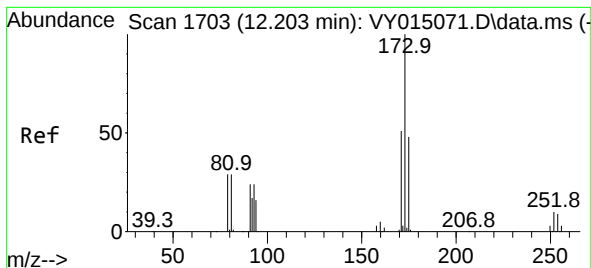
Reviewed By :Romaben Patel 08/17/2023
Supervised By :Mahesh Dadoda 08/17/2023



#70
Styrene
Concen: 50.355 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY015136.D
Acq: 16 Aug 2023 09:15

Tgt Ion:104 Resp: 302663
Ion Ratio Lower Upper
104 100
78 48.8 41.5 62.3
103 54.2 44.6 67.0





#71

Bromoform

Concen: 51.893 ug/l

RT: 12.209 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY015136.D

Acq: 16 Aug 2023 09:15

Instrument :

MSVOA_Y

ClientSampleId :

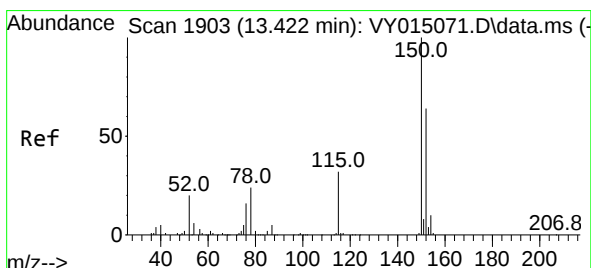
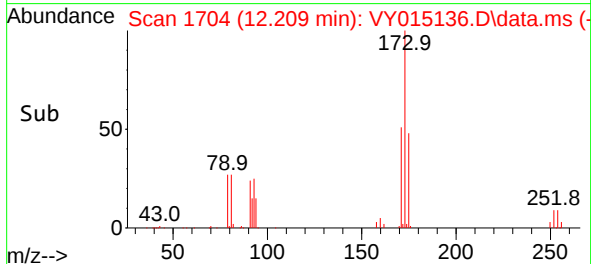
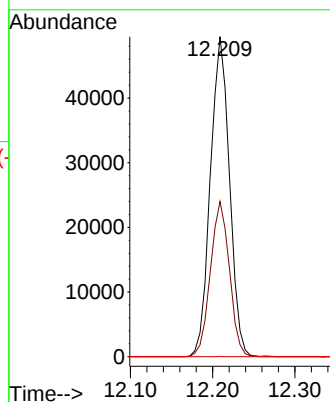
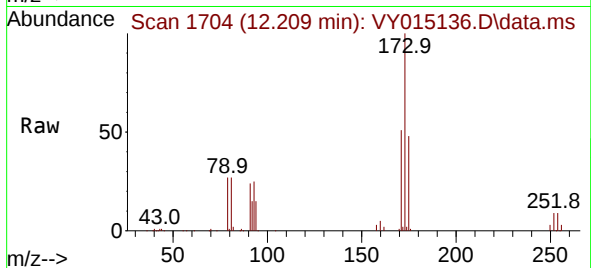
VSTDCCC050

Tgt Ion:173	Resp:	7996
Ion Ratio	Lower	Upper
173	100	
175	48.2	24.6 73.8
254	0.0	0.2 0.2

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 08/17/2023
Supervised By :Mahesh Dadoda 08/17/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

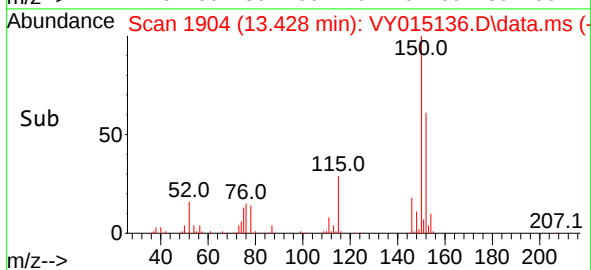
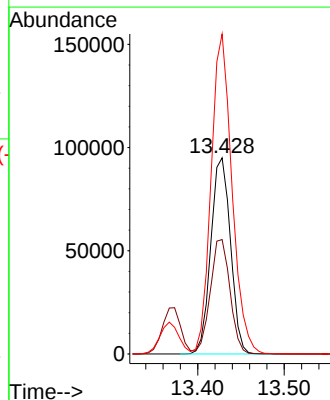
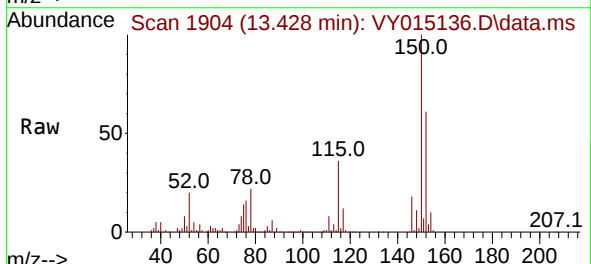
RT: 13.428 min Scan# 1904

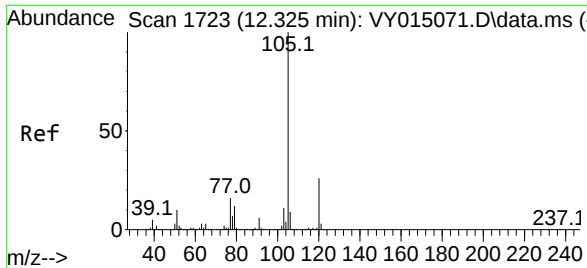
Delta R.T. 0.006 min

Lab File: VY015136.D

Acq: 16 Aug 2023 09:15

Tgt Ion:152	Resp:	150023
Ion Ratio	Lower	Upper
152	100	
115	58.3	28.8 86.5
150	173.3	0.0 348.8





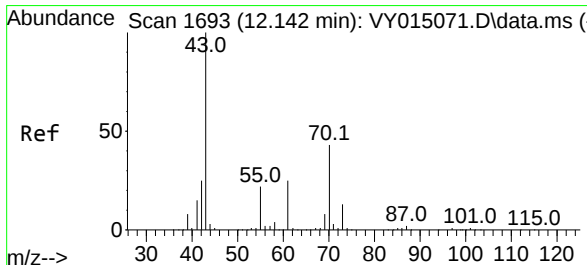
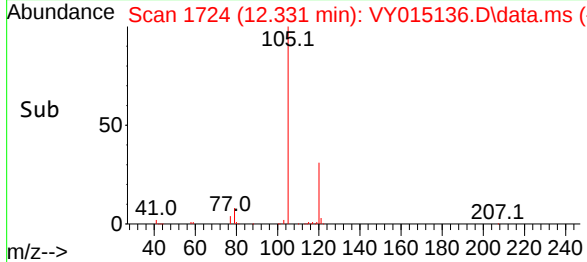
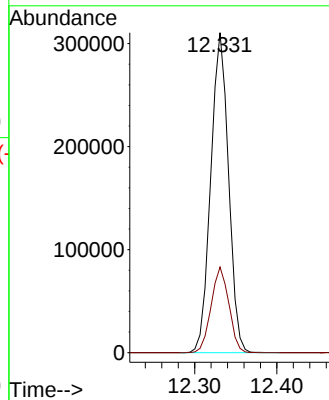
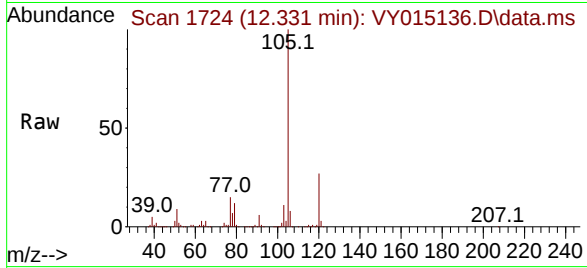
#73
Isopropylbenzene
Concen: 48.250 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. 0.006 min
Lab File: VY015136.D
Acq: 16 Aug 2023 09:15

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 46547
Ion Ratio Lower Upper
105 100
120 26.7 13.3 39.9

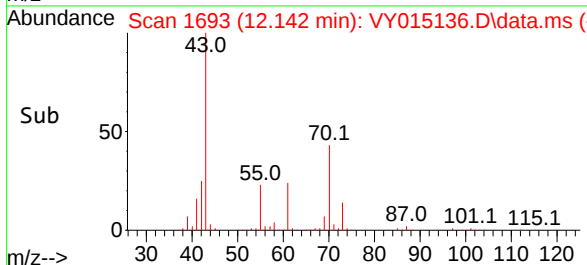
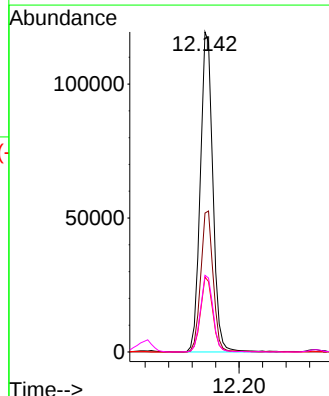
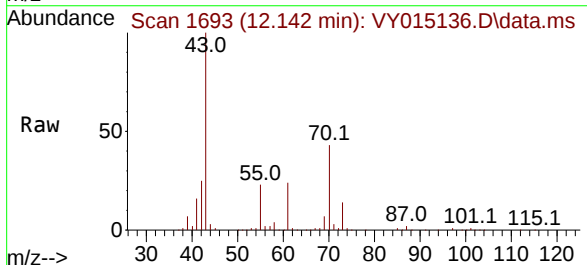
Manual Integrations
APPROVED

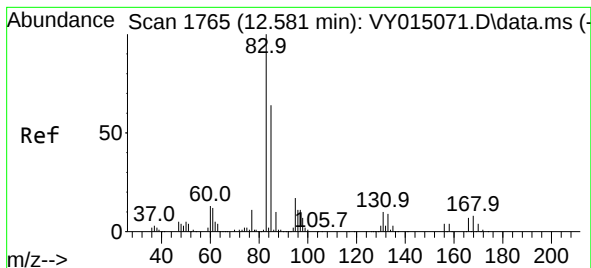
Reviewed By :Romaben Patel 08/17/2023
Supervised By :Mahesh Dadoda 08/17/2023



#74
N-ethyl acetate
Concen: 50.965 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VY015136.D
Acq: 16 Aug 2023 09:15

Tgt Ion: 43 Resp: 177514
Ion Ratio Lower Upper
43 100
70 43.5 29.7 44.5
55 23.0 18.3 27.5
61 23.9 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 50.686 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. 0.000 min

Lab File: VY015136.D

Acq: 16 Aug 2023 09:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

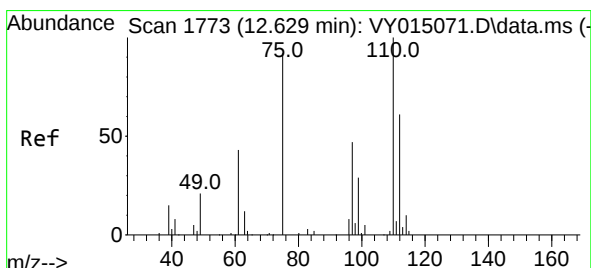
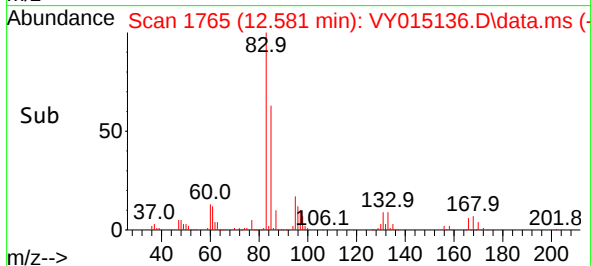
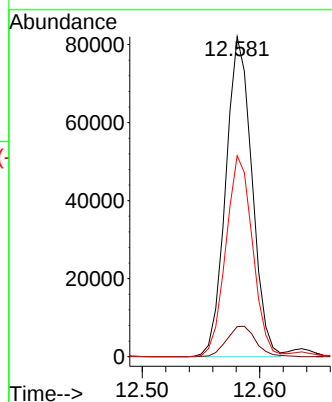
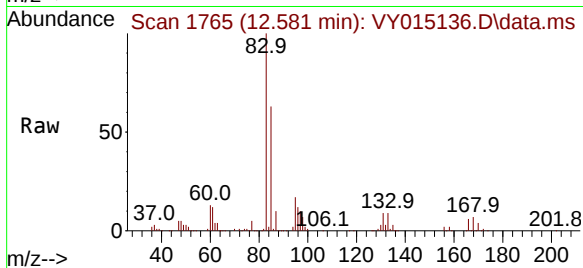
Tgt Ion: 83 Resp: 127350

Ion	Ratio	Lower	Upper
83	100		
131	10.5	5.4	16.2
85	64.1	31.8	95.4

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 08/17/2023
Supervised By :Mahesh Dadoda 08/17/2023



#76

1,2,3-Trichloropropane

Concen: 56.006 ug/l m

RT: 12.636 min Scan# 1774

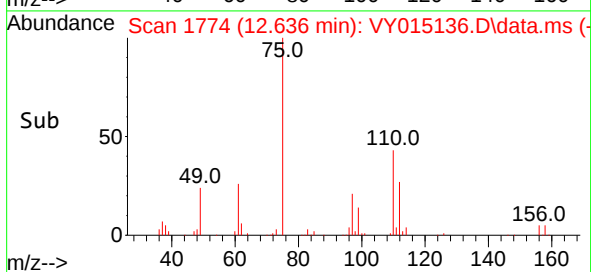
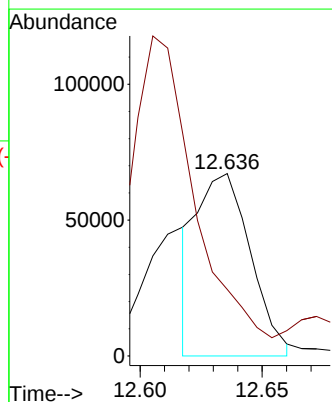
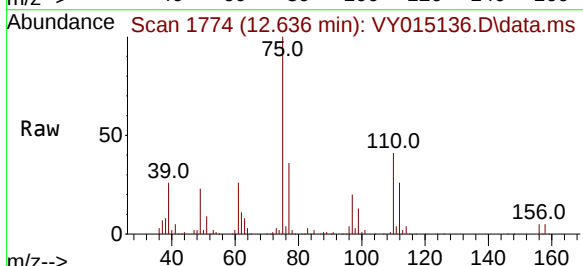
Delta R.T. 0.006 min

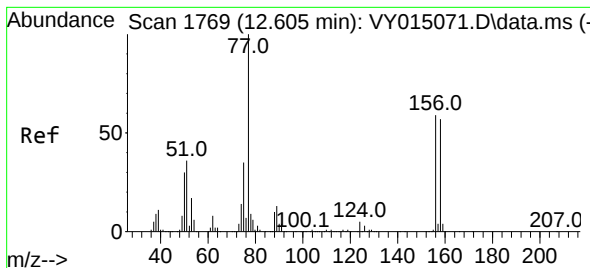
Lab File: VY015136.D

Acq: 16 Aug 2023 09:15

Tgt Ion: 75 Resp: 102081

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 49.005 ug/l

RT: 12.605 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY015136.D

Acq: 16 Aug 2023 09:15

Instrument :

MSVOA_Y

ClientSampleId :

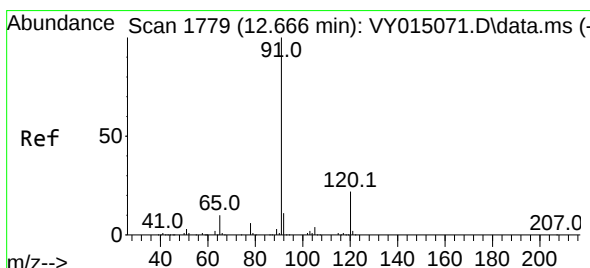
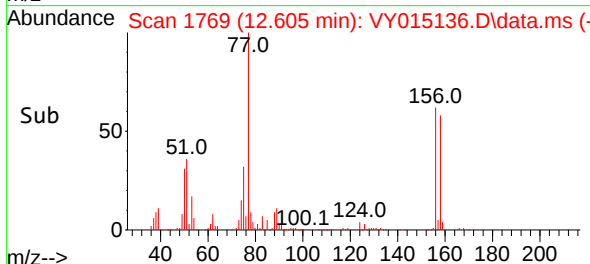
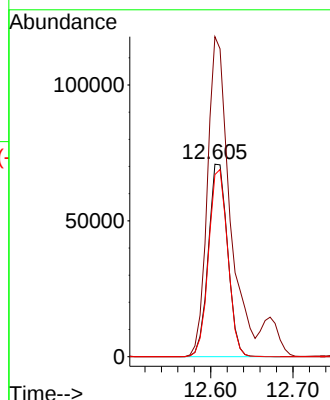
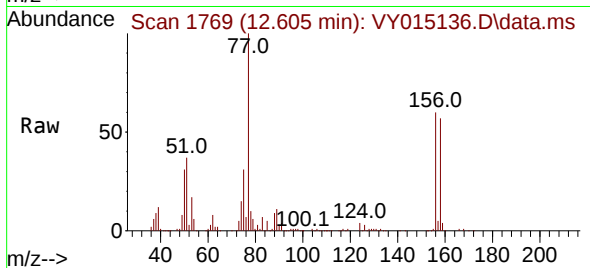
VSTDCCC050

Tgt Ion:	156	Resp:	115234
Ion Ratio	Lower	Upper	
156	100		
77	191.4	92.8	278.6
158	96.5	48.4	145.3

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 08/17/2023
Supervised By :Mahesh Dadoda 08/17/2023



#78

n-propylbenzene

Concen: 48.661 ug/l

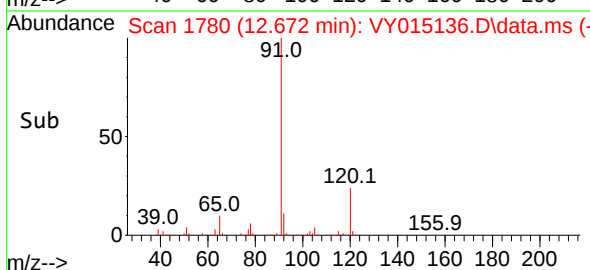
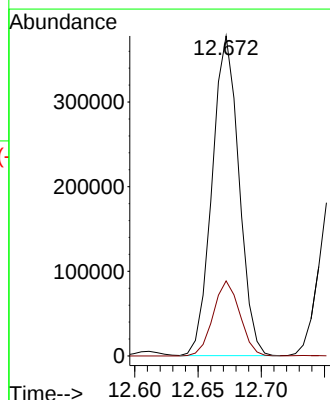
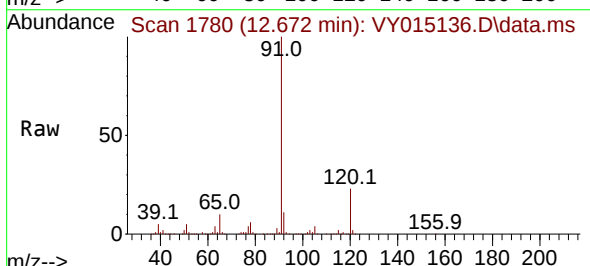
RT: 12.672 min Scan# 1780

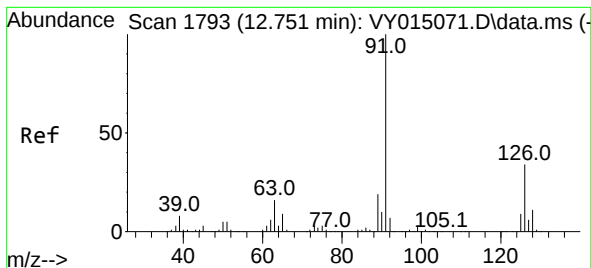
Delta R.T. 0.006 min

Lab File: VY015136.D

Acq: 16 Aug 2023 09:15

Tgt Ion:	91	Resp:	557446
Ion Ratio	Lower	Upper	
91	100		
120	23.3	11.5	34.4





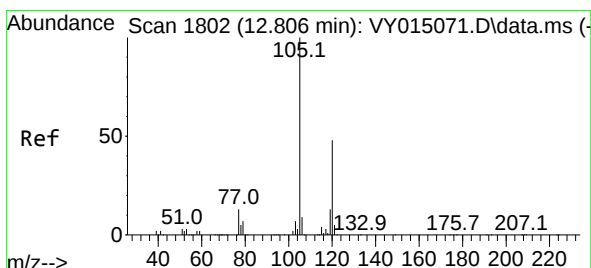
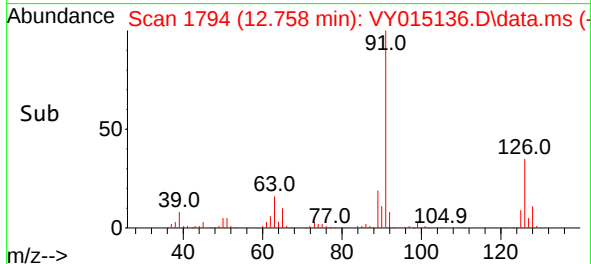
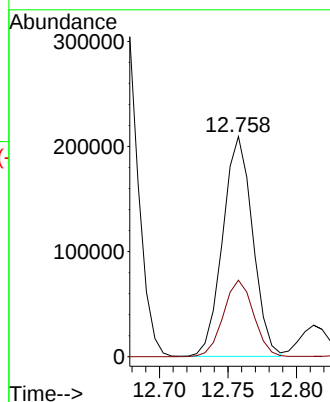
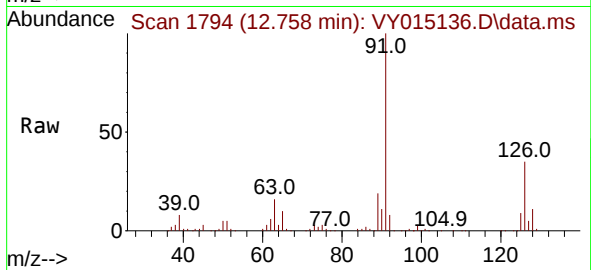
#79
2-Chlorotoluene
Concen: 48.220 ug/l
RT: 12.758 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015136.D
Acq: 16 Aug 2023 09:15

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 31866
Ion Ratio Lower Upper
91 100
126 35.1 17.3 51.7

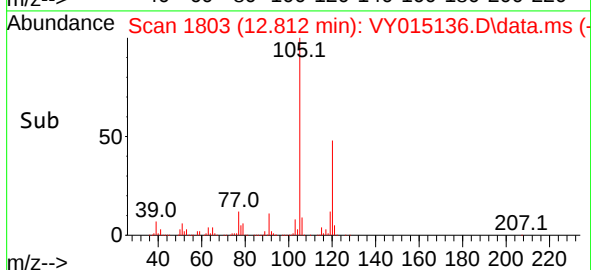
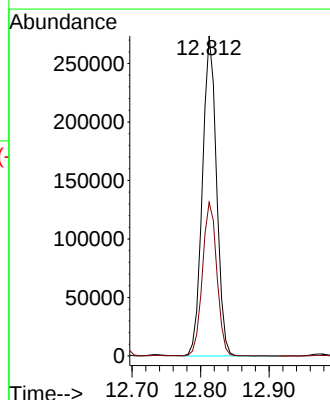
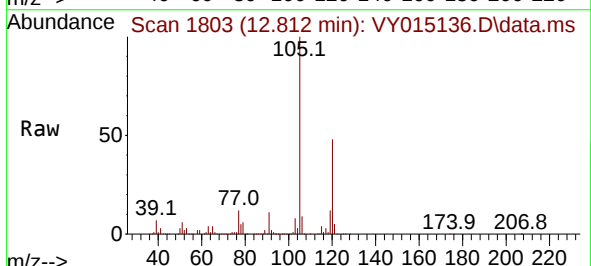
Manual Integrations
APPROVED

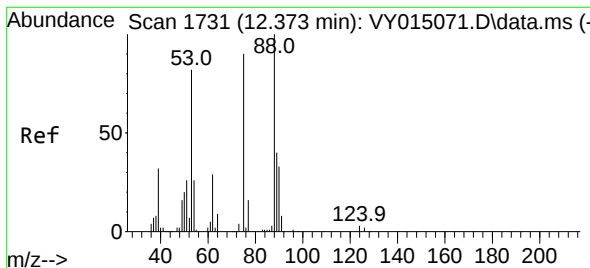
Reviewed By :Romaben Patel 08/17/2023
Supervised By :Mahesh Dadoda 08/17/2023



#80
1,3,5-Trimethylbenzene
Concen: 48.904 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY015136.D
Acq: 16 Aug 2023 09:15

Tgt Ion:105 Resp: 393257
Ion Ratio Lower Upper
105 100
120 49.0 23.9 71.7





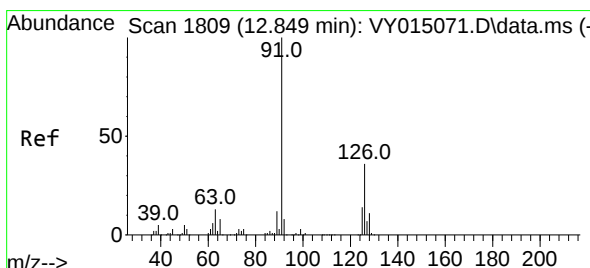
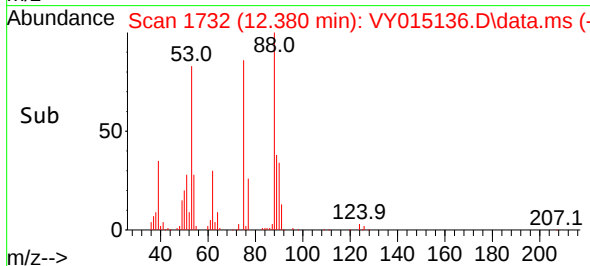
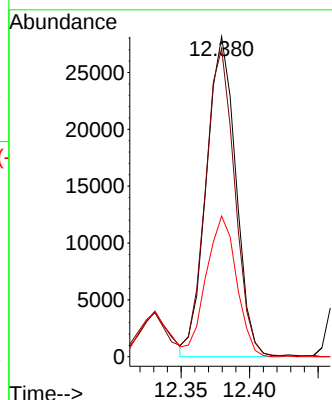
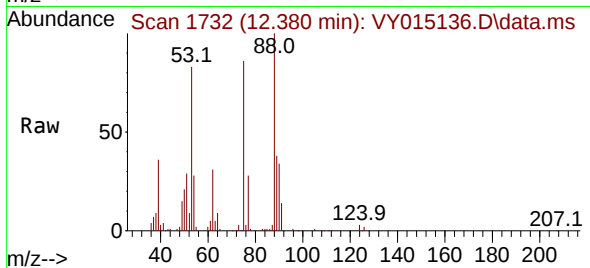
#81
trans-1,4-Dichloro-2-butene
Concen: 50.685 ug/l
RT: 12.380 min Scan# 1731
Delta R.T. 0.006 min
Lab File: VY015136.D
Acq: 16 Aug 2023 09:15

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 42059
Ion Ratio Lower Upper
75 100
53 95.9 77.8 116.8
89 45.5 37.4 56.0

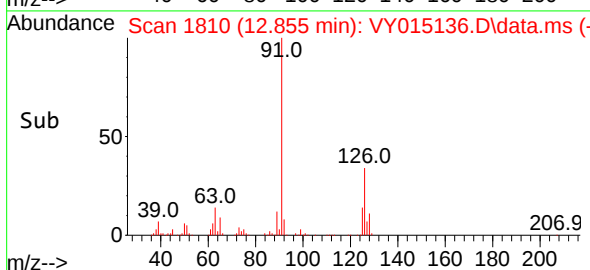
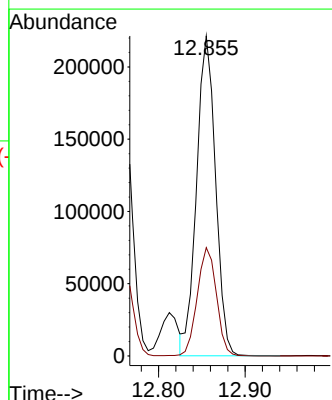
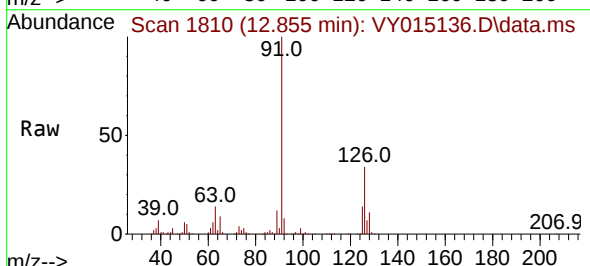
Manual Integrations
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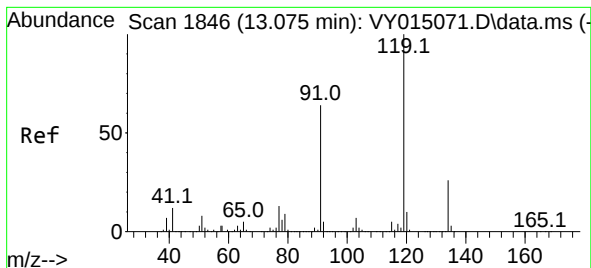
Reviewed By :Romaben Patel 08/17/2023
Supervised By :Mahesh Dadoda 08/17/2023



#82
4-Chlorotoluene
Concen: 49.248 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY015136.D
Acq: 16 Aug 2023 09:15

Tgt Ion: 91 Resp: 336235
Ion Ratio Lower Upper
91 100
126 34.3 17.2 51.6





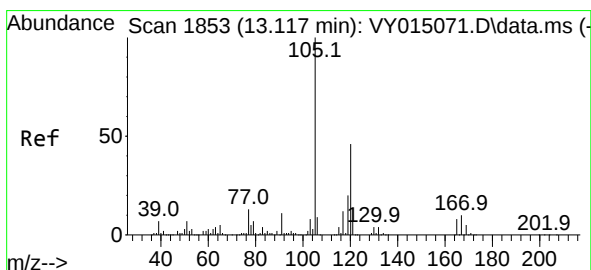
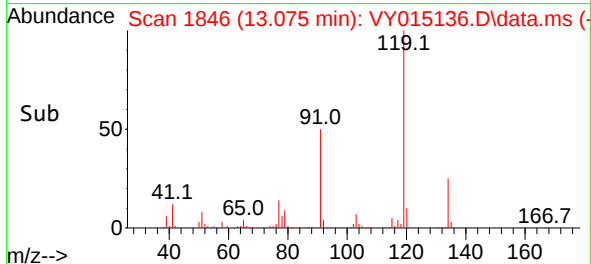
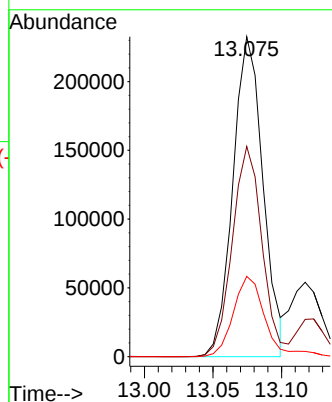
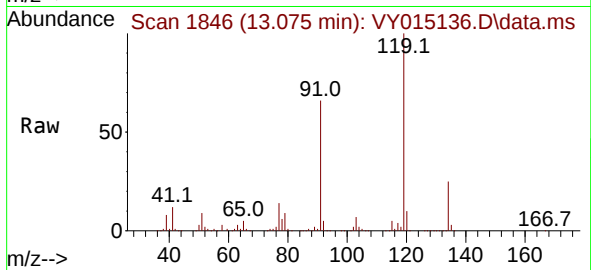
#83
tert-Butylbenzene
Concen: 48.313 ug/l
RT: 13.075 min Scan# 1846
Delta R.T. 0.000 min
Lab File: VY015136.D
Acq: 16 Aug 2023 09:15

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:119 Resp: 355354
Ion Ratio Lower Upper
119 100
91 65.4 32.9 98.6
134 26.6 13.0 38.9

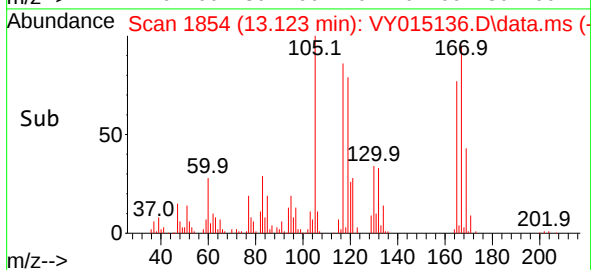
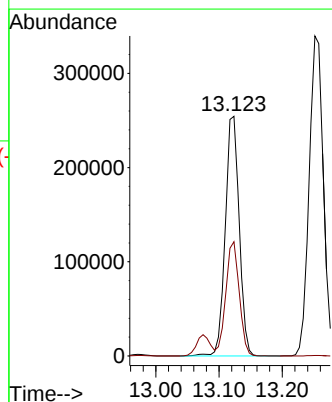
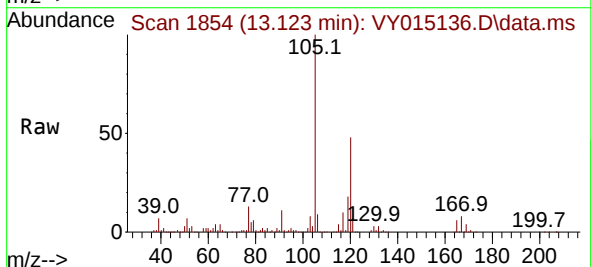
Manual Integrations
APPROVED

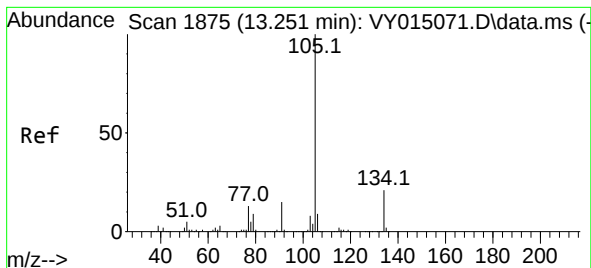
Reviewed By :Romaben Patel 08/17/2023
Supervised By :Mahesh Dadoda 08/17/2023



#84
1,2,4-Trimethylbenzene
Concen: 48.277 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VY015136.D
Acq: 16 Aug 2023 09:15

Tgt Ion:105 Resp: 387928
Ion Ratio Lower Upper
105 100
120 46.0 22.2 66.6





#85

sec-Butylbenzene

Concen: 48.655 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY015136.D

Acq: 16 Aug 2023 09:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 524359

Ion Ratio Lower Upper

105 100

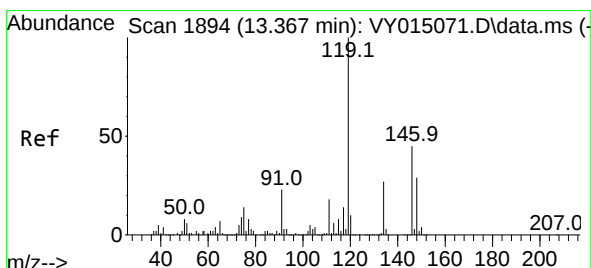
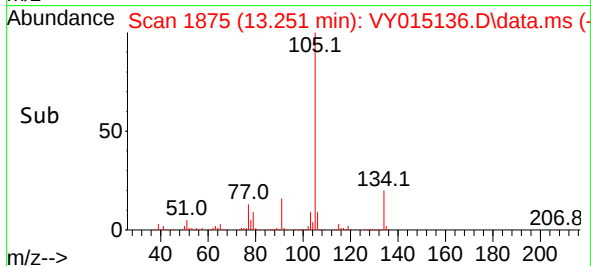
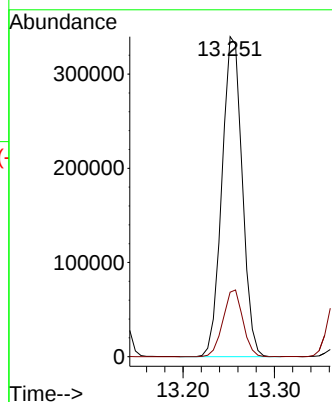
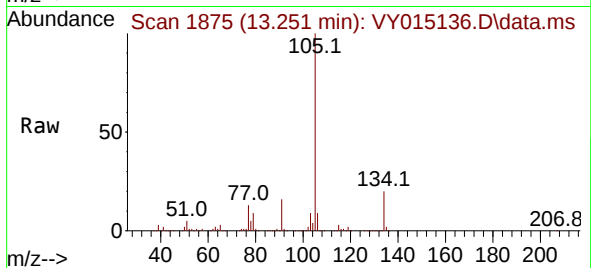
134 20.4 10.2 30.6

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 08/17/2023

Supervised By :Mahesh Dadoda 08/17/2023



#86

p-Isopropyltoluene

Concen: 48.675 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY015136.D

Acq: 16 Aug 2023 09:15

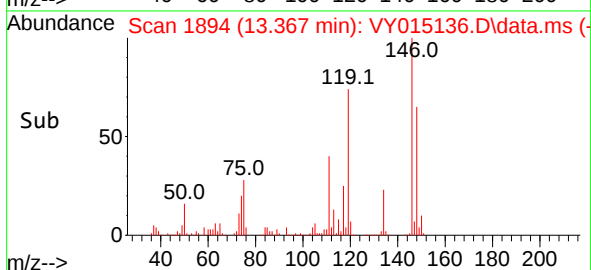
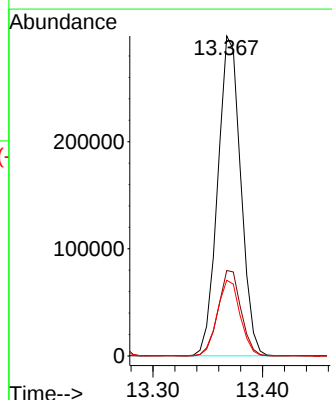
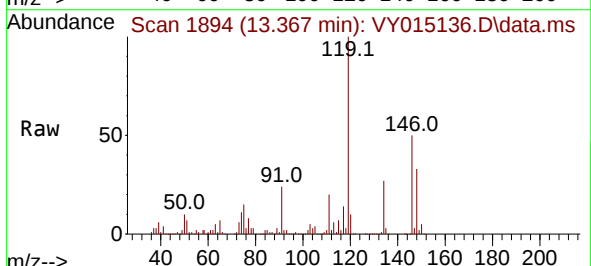
Tgt Ion:119 Resp: 434919

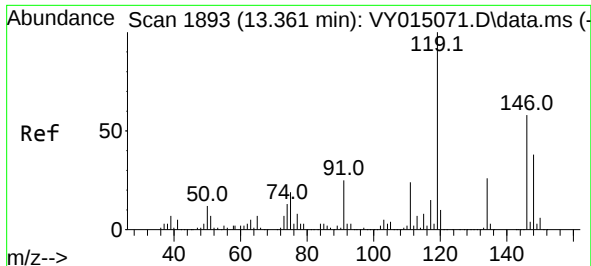
Ion Ratio Lower Upper

119 100

134 26.5 13.3 39.8

91 23.6 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 48.810 ug/l

RT: 13.367 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY015136.D

Acq: 16 Aug 2023 09:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 22765

Ion Ratio Lower Upper

146 100

111 39.7 19.4 58.2

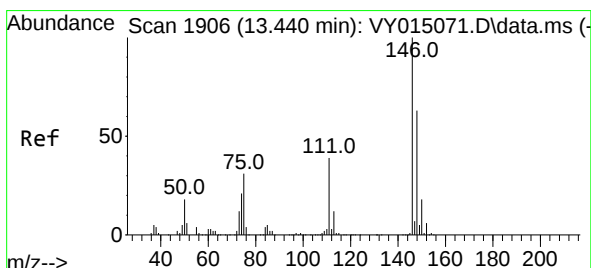
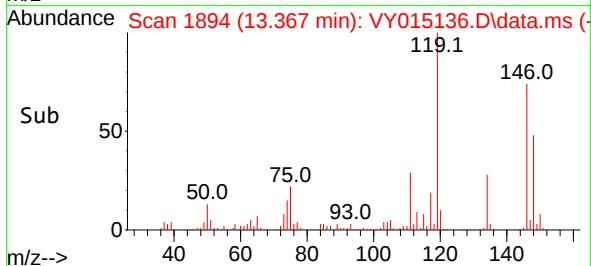
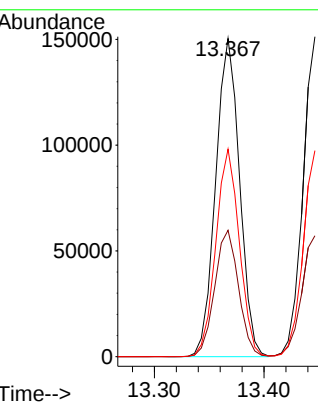
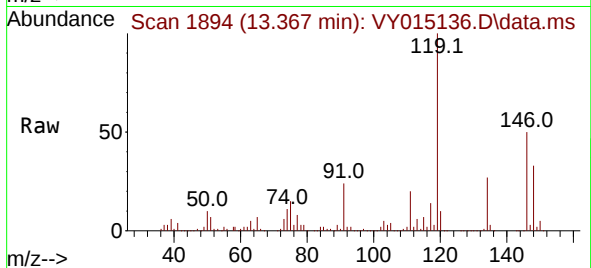
148 64.3 31.9 95.5

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 08/17/2023

Supervised By :Mahesh Dadoda 08/17/2023



#88

1,4-Dichlorobenzene

Concen: 48.646 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY015136.D

Acq: 16 Aug 2023 09:15

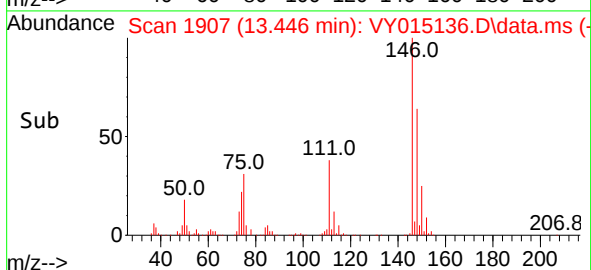
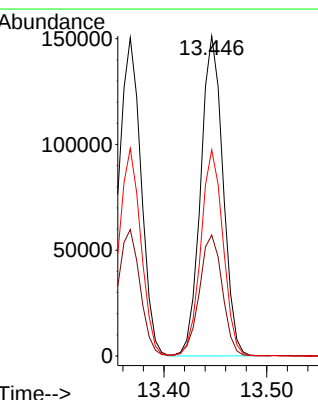
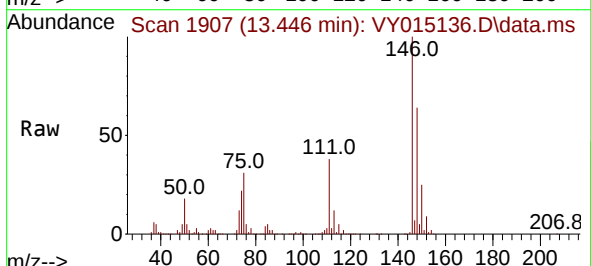
Tgt Ion:146 Resp: 227565

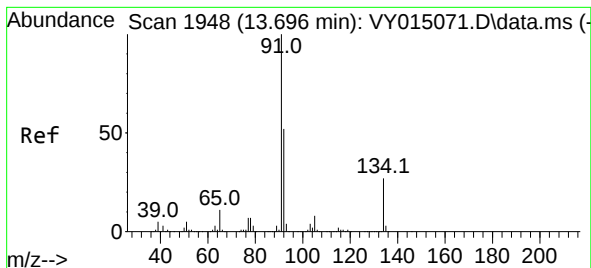
Ion Ratio Lower Upper

146 100

111 39.0 18.9 56.7

148 64.4 32.1 96.5





#89

n-Butylbenzene

Concen: 48.565 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY015136.D

Acq: 16 Aug 2023 09:15

Instrument :

MSVOA_Y

ClientSampleId :

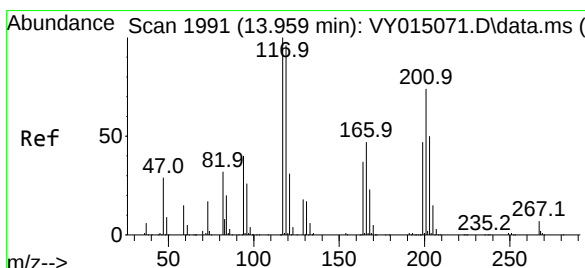
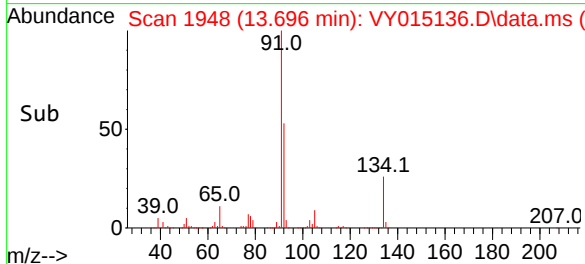
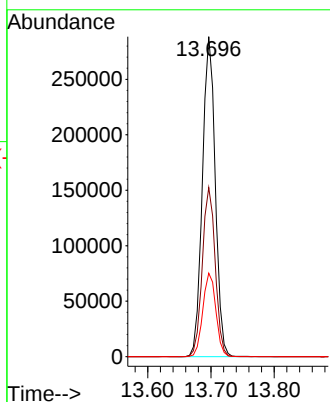
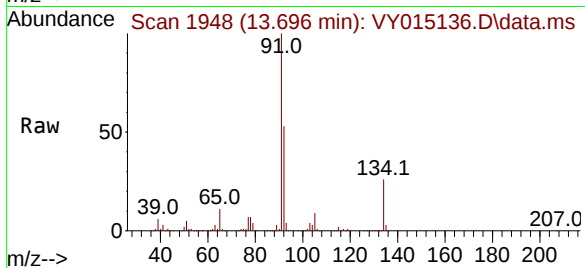
VSTDCCC050

Tgt Ion:	91	Resp:	409140
Ion	Ratio	Lower	Upper
91	100		
92	53.1	25.4	76.0
134	26.6	12.6	37.6

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 08/17/2023
Supervised By :Mahesh Dadoda 08/17/2023



#90

Hexachloroethane

Concen: 48.208 ug/l

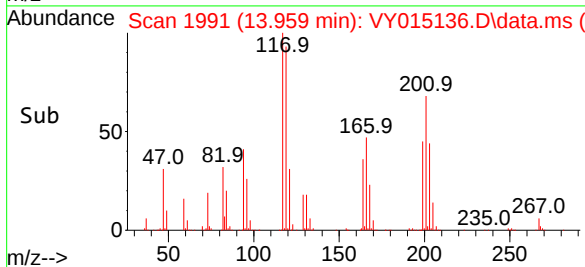
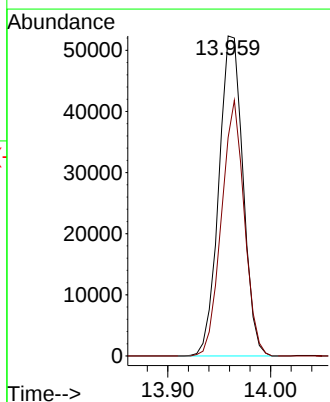
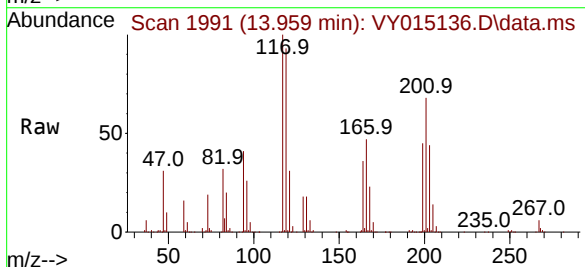
RT: 13.959 min Scan# 1991

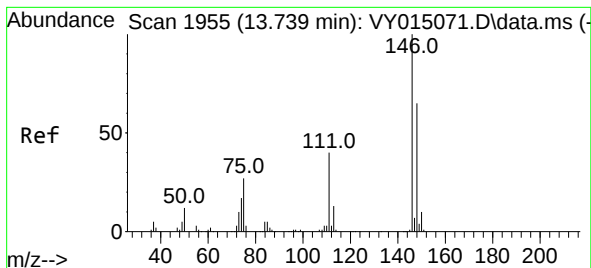
Delta R.T. 0.000 min

Lab File: VY015136.D

Acq: 16 Aug 2023 09:15

Tgt Ion:	117	Resp:	85452
Ion	Ratio	Lower	Upper
117	100		
201	75.4	41.6	124.8





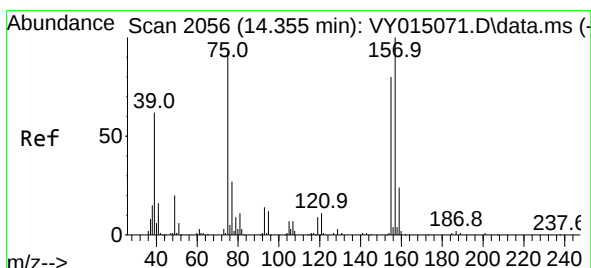
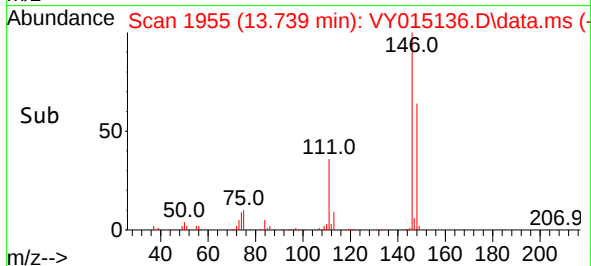
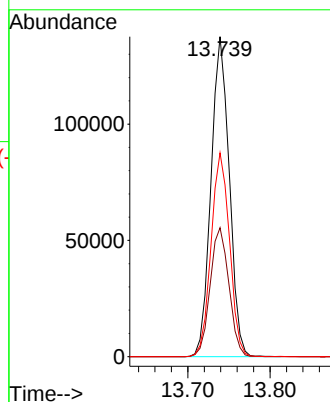
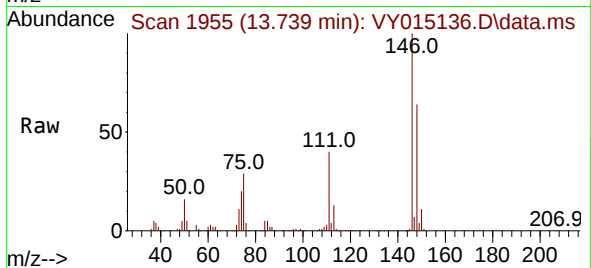
#91
1,2-Dichlorobenzene
Concen: 48.710 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.006 min
Lab File: VY015136.D
Acq: 16 Aug 2023 09:15

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 21223
Ion Ratio Lower Upper
146 100
111 41.4 19.7 59.0
148 64.3 32.0 96.2

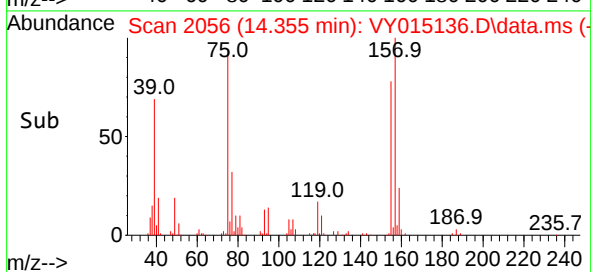
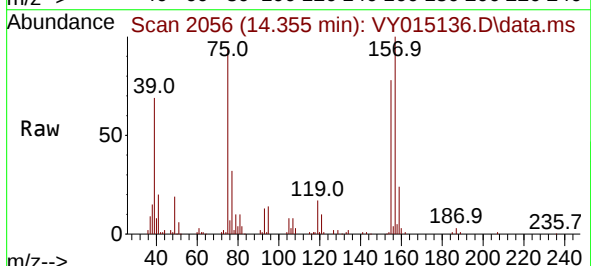
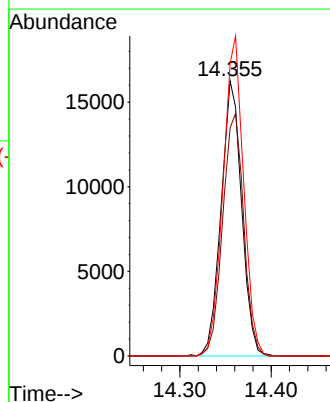
Manual Integrations
APPROVED

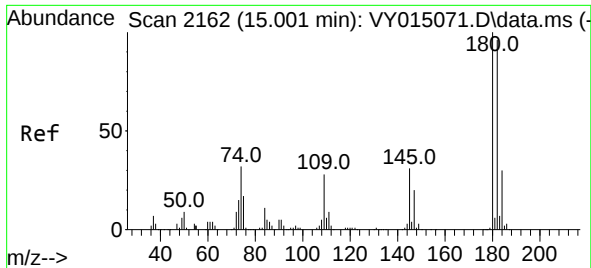
Reviewed By :Romaben Patel 08/17/2023
Supervised By :Mahesh Dadoda 08/17/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 52.150 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. 0.000 min
Lab File: VY015136.D
Acq: 16 Aug 2023 09:15

Tgt Ion: 75 Resp: 25382
Ion Ratio Lower Upper
75 100
155 90.3 41.5 124.6
157 115.7 51.8 155.5





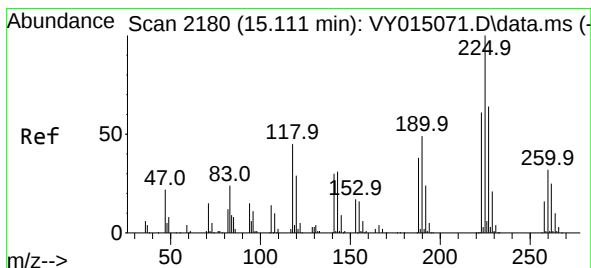
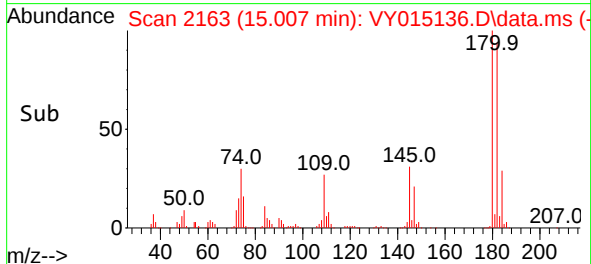
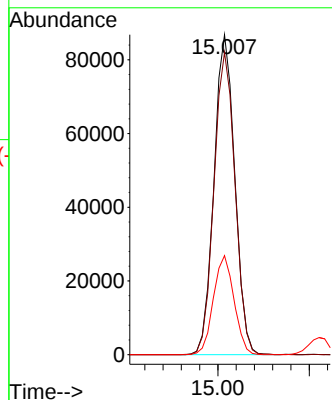
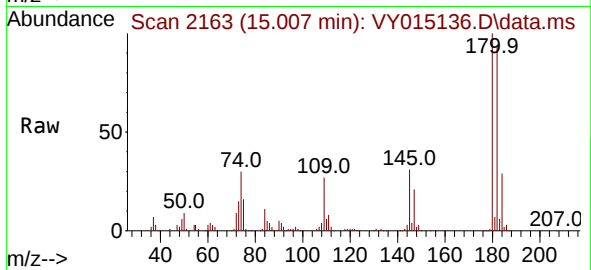
#93
1,2,4-Trichlorobenzene
Concen: 49.088 ug/l
RT: 15.007 min Scan# 2162
Delta R.T. 0.000 min
Lab File: VY015136.D
Acq: 16 Aug 2023 09:15

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:180 Resp: 13731
Ion Ratio Lower Upper
180 100
182 95.6 47.0 141.2
145 30.7 14.5 43.5

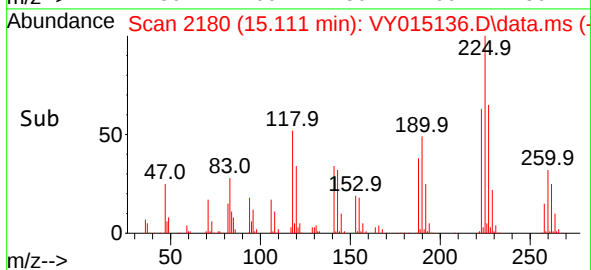
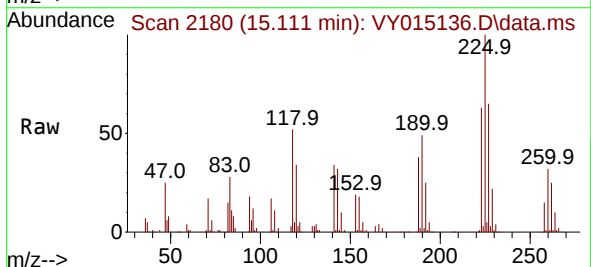
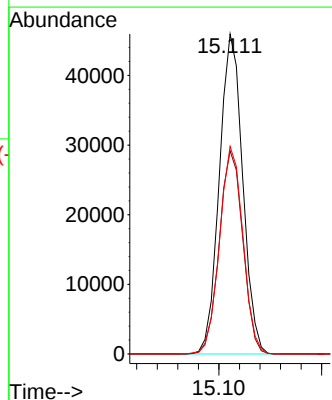
Manual Integrations
APPROVED

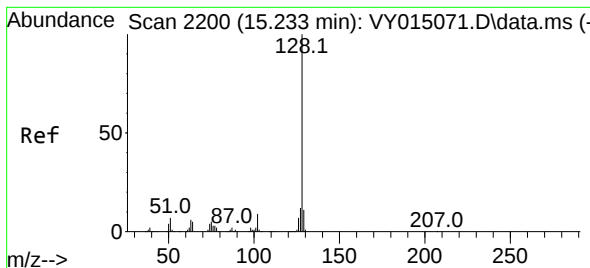
Reviewed By :Romaben Patel 08/17/2023
Supervised By :Mahesh Dadoda 08/17/2023



#94
Hexachlorobutadiene
Concen: 47.484 ug/l
RT: 15.111 min Scan# 2180
Delta R.T. 0.000 min
Lab File: VY015136.D
Acq: 16 Aug 2023 09:15

Tgt Ion:225 Resp: 72249
Ion Ratio Lower Upper
225 100
223 64.0 31.9 95.9
227 65.0 33.0 98.9





#95

Naphthalene

Concen: 50.454 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. 0.000 min

Lab File: VY015136.D

Acq: 16 Aug 2023 09:15

Instrument :

MSVOA_Y

ClientSampleId :

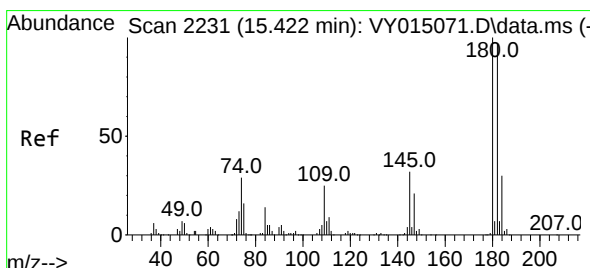
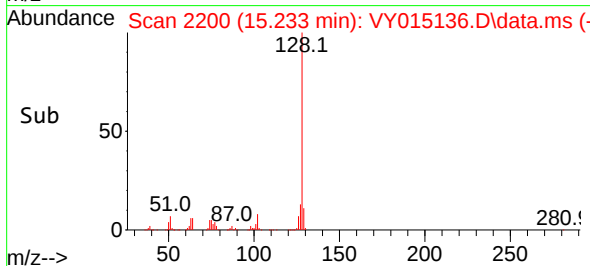
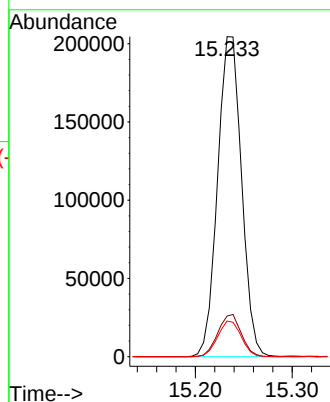
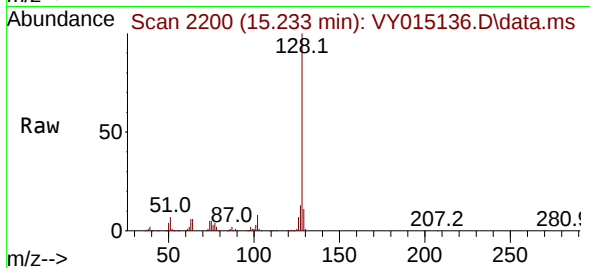
VSTDCCC050

Tgt Ion:128	Resp:	351564
Ion Ratio	Lower	Upper
128	100	
127	13.0	10.8 16.2
129	10.9	8.6 13.0

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 08/17/2023
Supervised By :Mahesh Dadoda 08/17/2023



#96

1,2,3-Trichlorobenzene

Concen: 50.640 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. 0.000 min

Lab File: VY015136.D

Acq: 16 Aug 2023 09:15

Tgt Ion:180	Resp:	127926
Ion Ratio	Lower	Upper
180	100	
182	94.9	47.3 141.8
145	32.8	15.4 46.2

