

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021924\
 Data File : VY017403.D
 Acq On : 19 Feb 2024 11:00
 Operator : SY/MD
 Sample : VSTDICC100
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC100

Quant Time: Feb 19 12:08:10 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y021924S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 19 11:54:50 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 02/20/2024
 Supervised By :Semsettin Yesilyurt 02/20/2024

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

Internal Standards						
1) Pentafluorobenzene	7.807	168	164708	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.709	114	251825	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.508	117	222243	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	104002	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	136699	75.896	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 151.800%			
35) Dibromofluoromethane	7.734	113	155476	97.788	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 195.580%#			
50) Toluene-d8	10.197	98	613403	100.669	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 201.340%#			
62) 4-Bromofluorobenzene	12.495	95	190622	102.131	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 204.260%#			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.912	85	122400	90.732	ug/l	100
3) Chloromethane	2.119	50	217026	73.974	ug/l	99
4) Vinyl Chloride	2.259	62	299222	84.999	ug/l	99
5) Bromomethane	2.656	94	235188	92.893	ug/l	99
6) Chloroethane	2.802	64	197201	88.116	ug/l	97
7) Trichlorofluoromethane	3.137	101	282173	83.596	ug/l	98
8) Diethyl Ether	3.540	74	84464	85.763	ug/l	82
9) 1,1,2-Trichlorotrifluo...	3.911	101	172728	88.522	ug/l	95
10) Methyl Iodide	4.106	142	199028	103.121	ug/l	98
11) Tert butyl alcohol	4.972	59	46009	321.559	ug/l	100
12) 1,1-Dichloroethene	3.887	96	163488	90.534	ug/l	92
13) Acrolein	3.741	56	62729	343.060	ug/l	97
14) Allyl chloride	4.497	41	201145	72.061	ug/l #	95
15) Acrylonitrile	5.179	53	167651	387.947	ug/l	99
16) Acetone	3.960	43	148891	306.703	ug/l	94
17) Carbon Disulfide	4.210	76	474395	84.450	ug/l	100
18) Methyl Acetate	4.491	43	138544	97.710	ug/l	92
19) Methyl tert-butyl Ether	5.240	73	380909	87.889	ug/l	98
20) Methylene Chloride	4.734	84	173820	58.031	ug/l	89
21) trans-1,2-Dichloroethene	5.240	96	193006	91.775	ug/l	90
22) Diisopropyl ether	6.137	45	464426	75.364	ug/l #	94
23) Vinyl Acetate	6.082	43	913457m	278.529	ug/l	
24) 1,1-Dichloroethane	6.033	63	304385	81.281	ug/l	97
25) 2-Butanone	7.002	43	214087	338.198	ug/l #	87
26) 2,2-Dichloropropane	7.002	77	276723	86.912	ug/l	97
27) cis-1,2-Dichloroethene	7.002	96	218623	93.092	ug/l	91
28) Bromochloromethane	7.350	49	106730	67.025	ug/l #	75
29) Tetrahydrofuran	7.368	42	126384	356.558	ug/l #	84
30) Chloroform	7.527	83	322165	85.174	ug/l	97
31) Cyclohexane	7.801	56	271094	78.205	ug/l	89
32) 1,1,1-Trichloroethane	7.722	97	290842	89.222	ug/l	96
36) 1,1-Dichloropropene	7.935	75	260283	97.872	ug/l	96
37) Ethyl Acetate	7.094	43	87791	75.602	ug/l #	95
38) Carbon Tetrachloride	7.923	117	263234	104.033	ug/l	96
39) Methylcyclohexane	9.197	83	340880	109.112	ug/l	94
40) Benzene	8.179	78	766163	100.146	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.332	41	52446m	96.006	ug/l	
42) 1,2-Dichloroethane	8.252	62	177843	89.250	ug/l	97
43) Isopropyl Acetate	8.289	43	170925	81.398	ug/l #	91
44) Trichloroethene	8.959	130	208093	107.596	ug/l	96
45) 1,2-Dichloropropane	9.234	63	176581	92.761	ug/l	98
46) Dibromomethane	9.319	93	98698	100.111	ug/l	91
47) Bromodichloromethane	9.514	83	244242	98.453	ug/l	99
48) Methyl methacrylate	9.307	41	99323	93.698	ug/l	90
49) 1,4-Dioxane	9.313	88	21129	2123.606	ug/l #	89
51) 4-Methyl-2-Pentanone	10.087	43	464022	410.792	ug/l	91
52) Toluene	10.258	92	492063	106.780	ug/l	100
53) t-1,3-Dichloropropene	10.477	75	234054	100.460	ug/l	97
54) cis-1,3-Dichloropropene	9.947	75	279849	98.601	ug/l #	91
55) 1,1,2-Trichloroethane	10.660	97	138085	103.241	ug/l	96
56) Ethyl methacrylate	10.526	69	125805	91.387	ug/l #	86
57) 1,3-Dichloropropane	10.807	76	225028	96.952	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.794	63	455688	506.948	ug/l	94
59) 2-Hexanone	10.843	43	329831	410.186	ug/l	89
60) Dibromochloromethane	11.002	129	168854	109.493	ug/l	100
61) 1,2-Dibromoethane	11.105	107	128050	103.985	ug/l	98
64) Tetrachloroethene	10.733	164	184822	111.987	ug/l	95
65) Chlorobenzene	11.532	112	504117	104.532	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.605	131	193933	110.074	ug/l	99
67) Ethyl Benzene	11.605	91	963447	108.162	ug/l	96
68) m/p-Xylenes	11.715	106	737607	220.959	ug/l	96
69) o-Xylene	12.044	106	341228	111.356	ug/l	94
70) Styrene	12.056	104	499667	106.315	ug/l	98
71) Bromoform	12.221	173	99228	116.488	ug/l #	99
73) Isopropylbenzene	12.343	105	917384	105.250	ug/l	98
74) N-amyl acetate	12.154	43	144538	77.638	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.593	83	150571	91.765	ug/l	100
76) 1,2,3-Trichloropropane	12.648	75	85660m	85.939	ug/l	
77) Bromobenzene	12.623	156	202569	108.240	ug/l	85
78) n-propylbenzene	12.684	91	1072171	98.998	ug/l	96
79) 2-Chlorotoluene	12.770	91	572477	95.581	ug/l	95
80) 1,3,5-Trimethylbenzene	12.824	105	729990	104.944	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.392	75	47130	95.794	ug/l	90
82) 4-Chlorotoluene	12.867	91	596941	97.765	ug/l	98
83) tert-Butylbenzene	13.087	119	640223	107.233	ug/l	94
84) 1,2,4-Trimethylbenzene	13.129	105	721121	105.313	ug/l	99
85) sec-Butylbenzene	13.263	105	926936	101.594	ug/l	98
86) p-Isopropyltoluene	13.379	119	815333	109.379	ug/l	98
87) 1,3-Dichlorobenzene	13.379	146	405765	108.575	ug/l	99
88) 1,4-Dichlorobenzene	13.458	146	377043	103.148	ug/l	98
89) n-Butylbenzene	13.708	91	729040	102.412	ug/l	97
90) Hexachloroethane	13.971	117	150579	98.267	ug/l	82
91) 1,2-Dichlorobenzene	13.751	146	329878	104.994	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.367	75	17760	87.145	ug/l	79
93) 1,2,4-Trichlorobenzene	15.019	180	175401	116.009	ug/l	98
94) Hexachlorobutadiene	15.123	225	101068	115.980	ug/l	97
95) Naphthalene	15.245	128	302518	111.785	ug/l	100
96) 1,2,3-Trichlorobenzene	15.434	180	140787	111.619	ug/l	98

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MSVOA_Y
ClientSampleId :
VSTDICC100

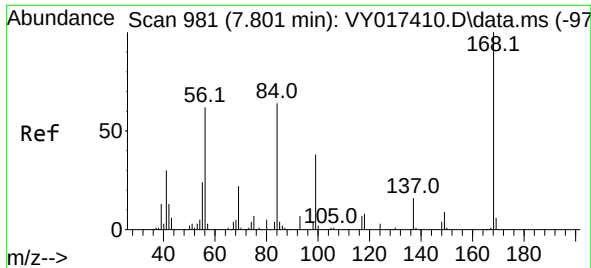
Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 02/20/2024
Supervised By :Semsettin Yesilyurt 02/20/2024

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Quant Title : SW846 8260
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Response via : Initial Calibration

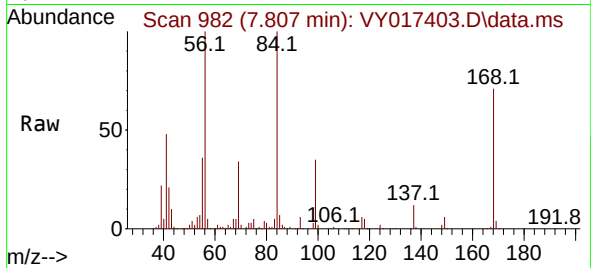
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY017403.D
Acq: 19 Feb 2024 11:00

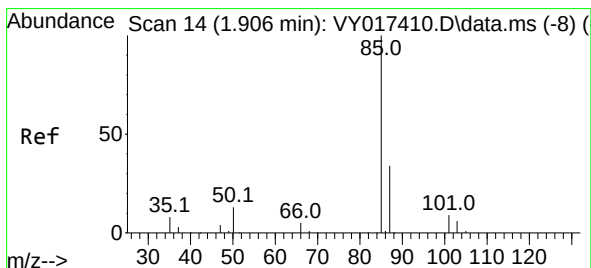
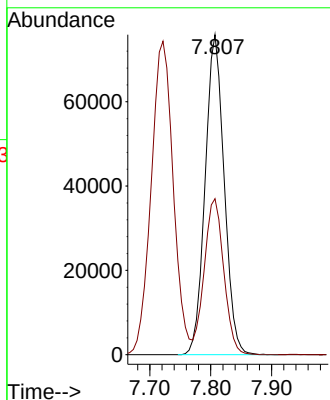
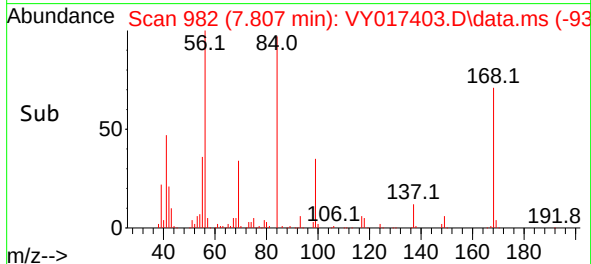
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100



Tgt Ion:168 Resp: 164708
Ion Ratio Lower Upper
168 100
99 48.8 44.8 67.2

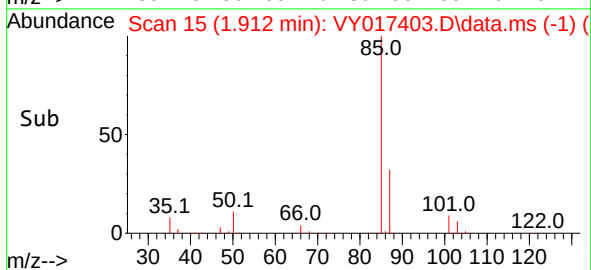
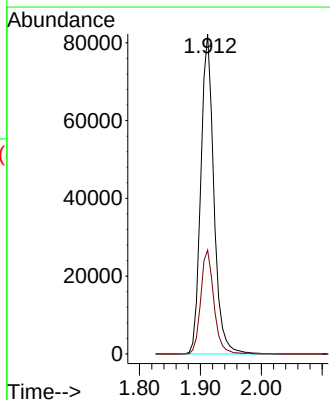
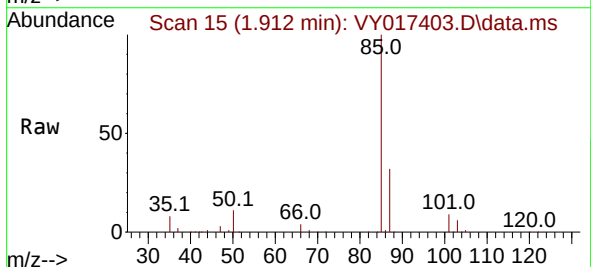
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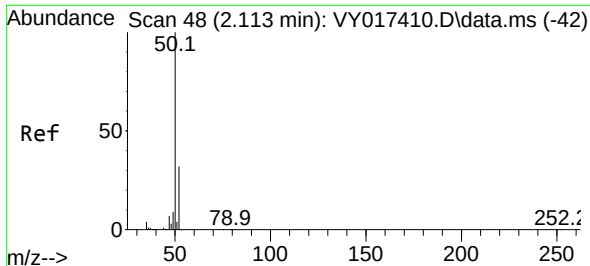
Reviewed By :Mahesh Dadoda 02/20/2024
Supervised By :Semsettin Yesilyurt 02/20/2024



#2
Dichlorodifluoromethane
Concen: 90.732 ug/l
RT: 1.912 min Scan# 15
Delta R.T. 0.006 min
Lab File: VY017403.D
Acq: 19 Feb 2024 11:00

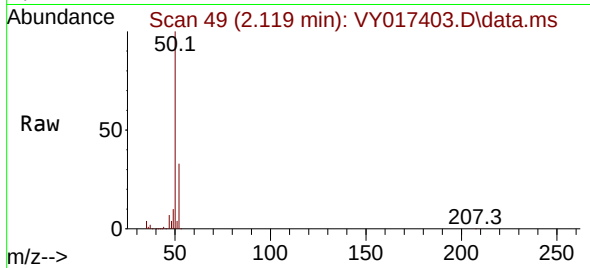
Tgt Ion: 85 Resp: 122400
Ion Ratio Lower Upper
85 100
87 32.4 16.2 48.6





#3
Chloromethane
Concen: 73.974 ug/l
RT: 2.119 min Scan# 49
Delta R.T. -0.000 min
Lab File: VY017403.D
Acq: 19 Feb 2024 11:00

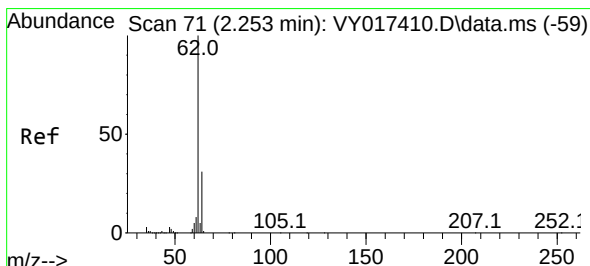
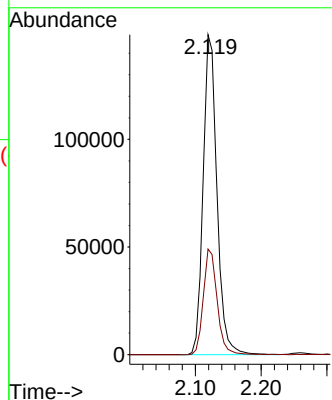
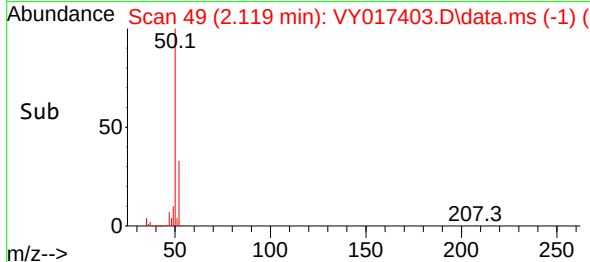
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VSTDICC100



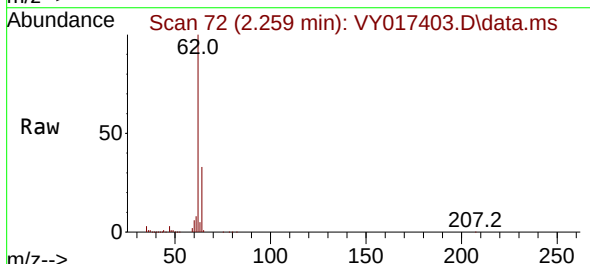
Tgt Ion: 50 Resp: 217020
Ion Ratio Lower Upper
50 100
52 33.0 26.0 39.0

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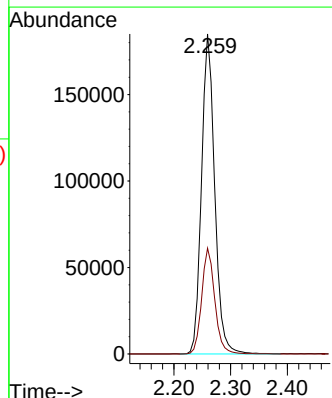
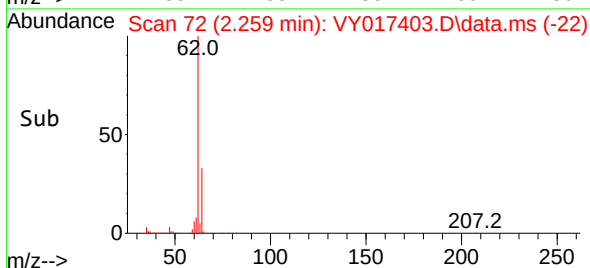
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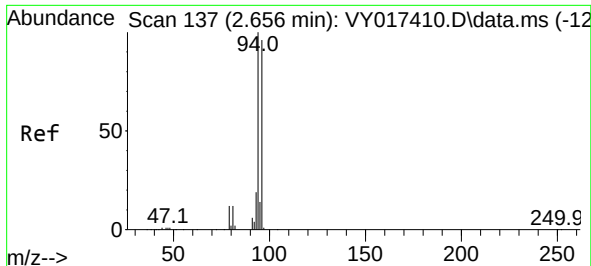


#4
Vinyl Chloride
Concen: 84.999 ug/l
RT: 2.259 min Scan# 72
Delta R.T. 0.006 min
Lab File: VY017403.D
Acq: 19 Feb 2024 11:00



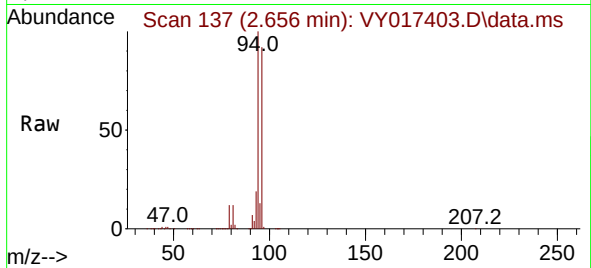
Tgt Ion: 62 Resp: 299222
Ion Ratio Lower Upper
62 100
64 33.1 26.0 39.0





#5
Bromomethane
Concen: 92.893 ug/l
RT: 2.656 min Scan# 137
Delta R.T. -0.000 min
Lab File: VY017403.D
Acq: 19 Feb 2024 11:00

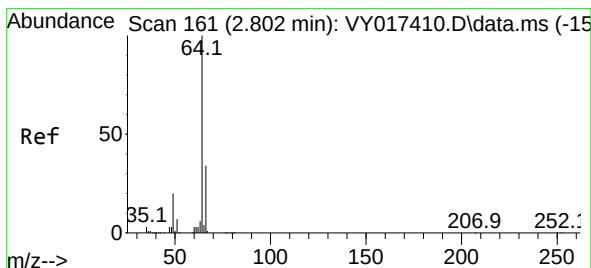
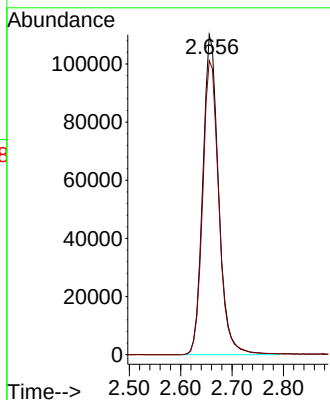
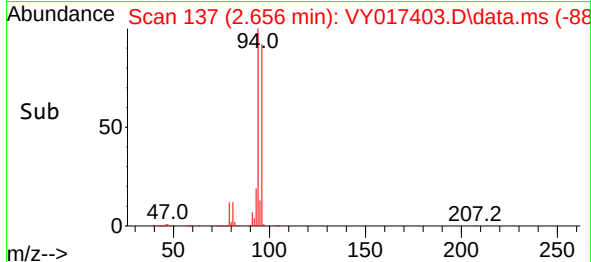
Instrument :
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Tgt Ion: 94 Resp: 235188
Ion Ratio Lower Upper
94 100
96 91.9 72.5 108.7

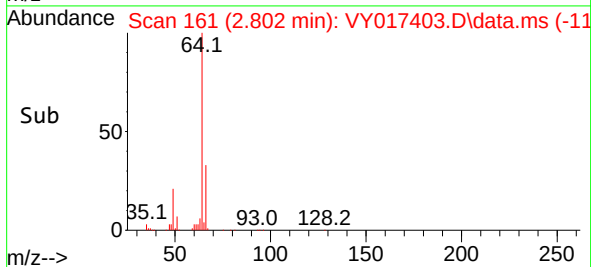
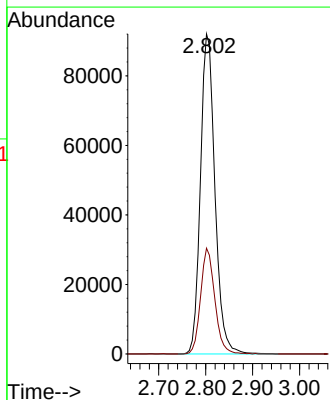
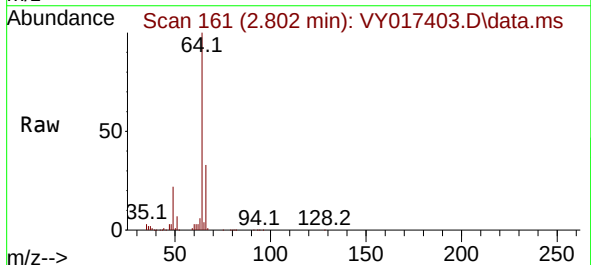
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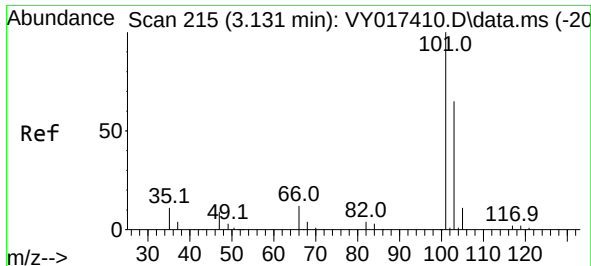
Reviewed By :Mahesh Dadoda 02/20/2024
Supervised By :Semsettin Yesilyurt 02/20/2024



#6
Chloroethane
Concen: 88.116 ug/l
RT: 2.802 min Scan# 161
Delta R.T. -0.000 min
Lab File: VY017403.D
Acq: 19 Feb 2024 11:00

Tgt Ion: 64 Resp: 197201
Ion Ratio Lower Upper
64 100
66 33.0 27.6 41.4





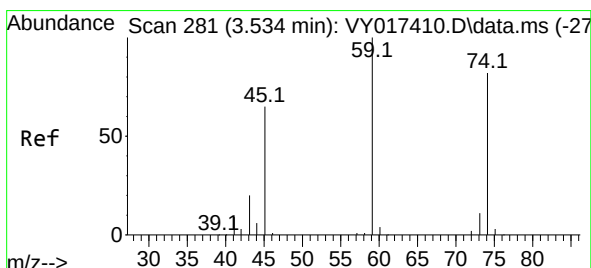
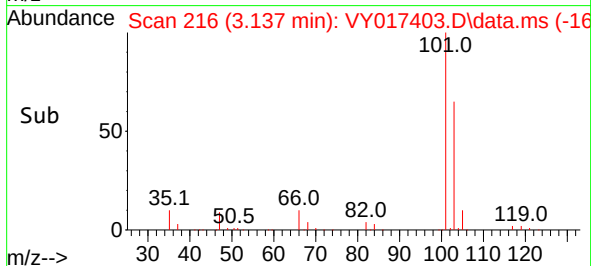
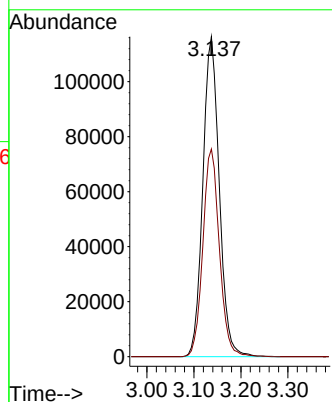
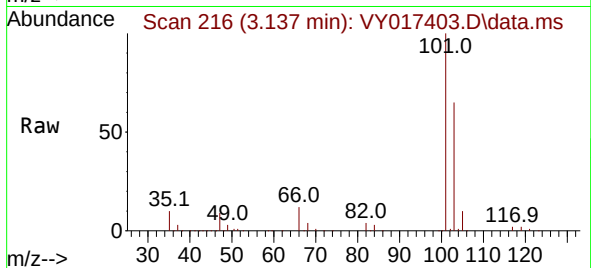
#7
Trichlorofluoromethane
Concen: 83.596 ug/l
RT: 3.137 min Scan# 215
Delta R.T. -0.000 min
Lab File: VY017403.D
Acq: 19 Feb 2024 11:00

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tgt Ion:101 Resp: 28217
Ion Ratio Lower Upper
101 100
103 64.9 50.4 75.6

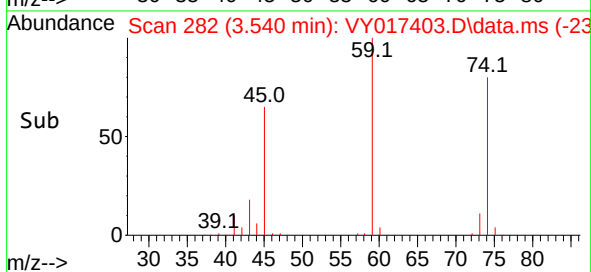
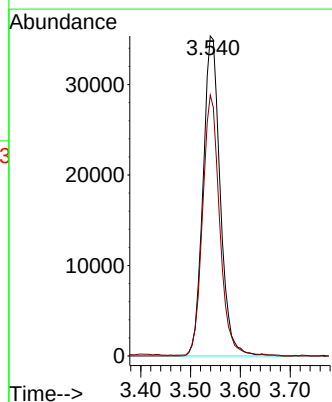
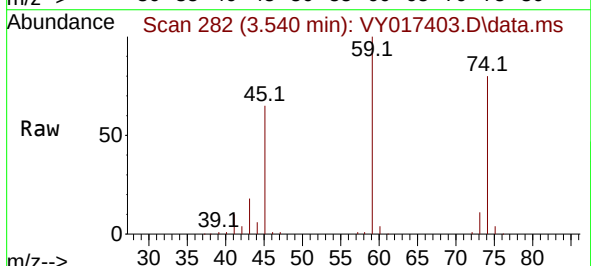
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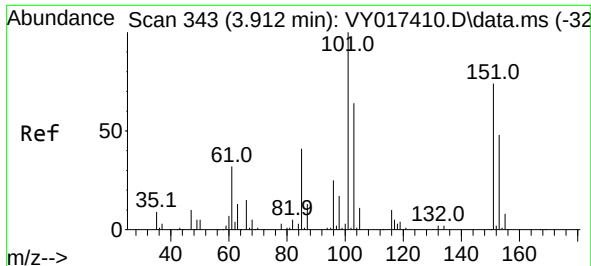
Reviewed By :Mahesh Dadoda 02/20/2024
Supervised By :Semsettin Yesilyurt 02/20/2024



#8
Diethyl Ether
Concen: 85.763 ug/l
RT: 3.540 min Scan# 282
Delta R.T. -0.000 min
Lab File: VY017403.D
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Tgt Ion: 74 Resp: 84464
Ion Ratio Lower Upper
74 100
45 81.8 49.8 149.3





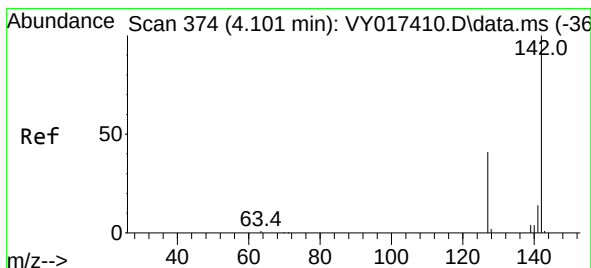
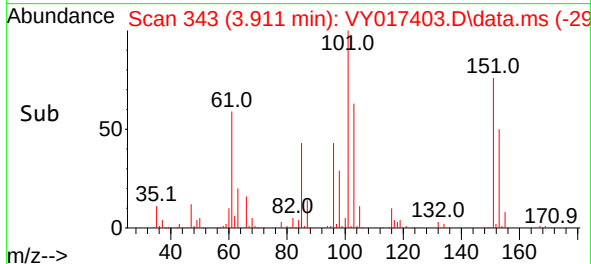
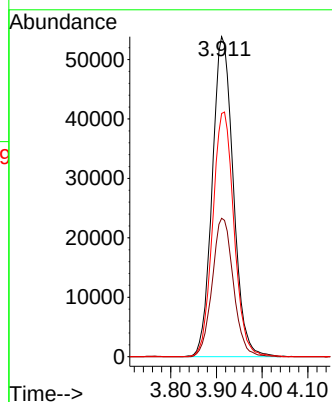
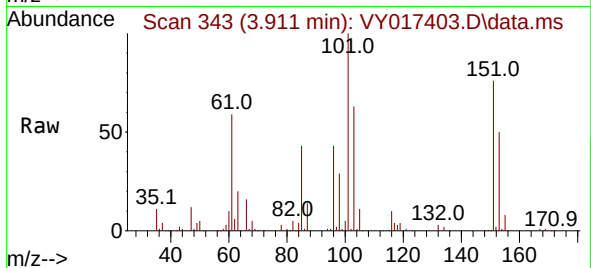
#9
1,1,2-Trichlorotrifluoroethane
Concen: 88.522 ug/l
RT: 3.911 min Scan# 343
Delta R.T. -0.000 min
Lab File: VY017403.D
Acq: 19 Feb 2024 11:00

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tgt Ion:101 Resp: 172728
Ion Ratio Lower Upper
101 100
85 43.4 36.8 55.2
151 77.3 57.8 86.6

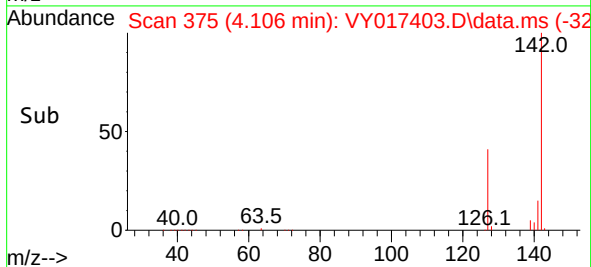
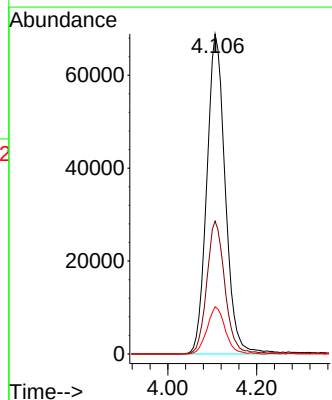
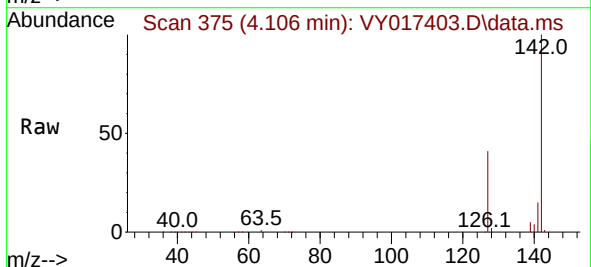
Manual Integrations
APPROVED

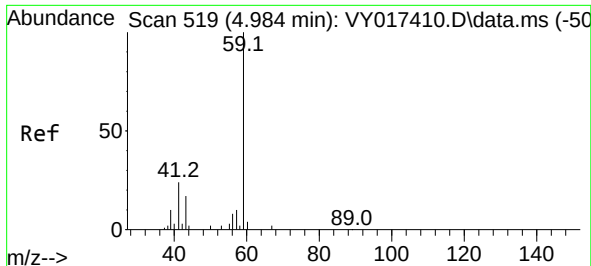
Reviewed By :Mahesh Dadoda 02/20/2024
Supervised By :Semsettin Yesilyurt 02/20/2024



#10
Methyl Iodide
Concen: 103.121 ug/l
RT: 4.106 min Scan# 375
Delta R.T. 0.006 min
Lab File: VY017403.D
Acq: 19 Feb 2024 11:00

Tgt Ion:142 Resp: 199028
Ion Ratio Lower Upper
142 100
127 40.8 34.0 51.0
141 14.4 11.5 17.3





#11

Tert butyl alcohol

Concen: 321.559 ug/l

RT: 4.972 min Scan# 519

Delta R.T. 0.012 min

Lab File: VY017403.D

Acq: 19 Feb 2024 11:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

Tgt Ion: 59 Resp: 46009

Ion Ratio Lower Upper

59 100

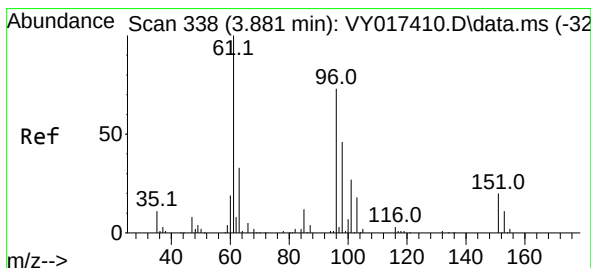
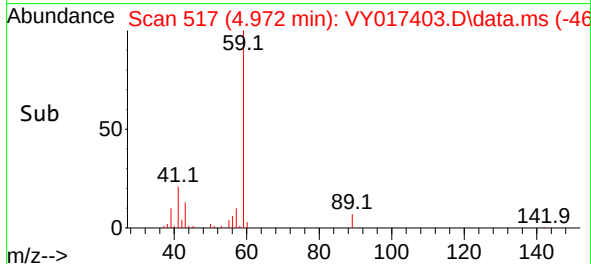
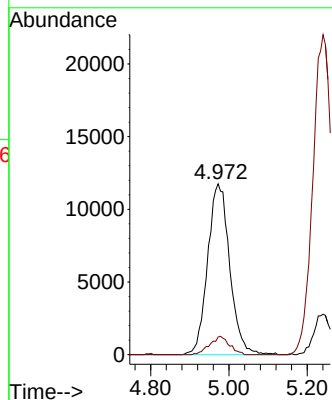
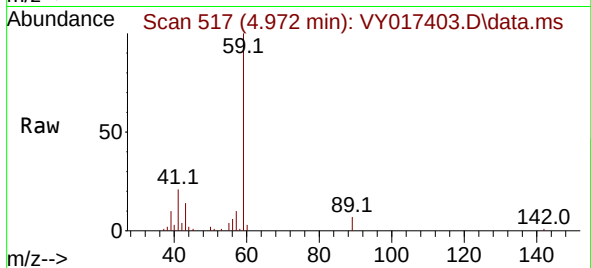
57 9.6 7.6 11.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/20/2024

Supervised By :Semsettin Yesilyurt 02/20/2024



#12

1,1-Dichloroethene

Concen: 90.534 ug/l

RT: 3.887 min Scan# 339

Delta R.T. 0.006 min

Lab File: VY017403.D

Acq: 19 Feb 2024 11:00

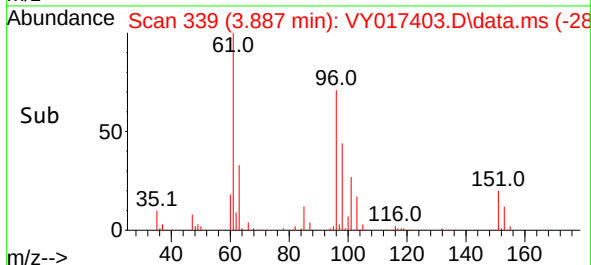
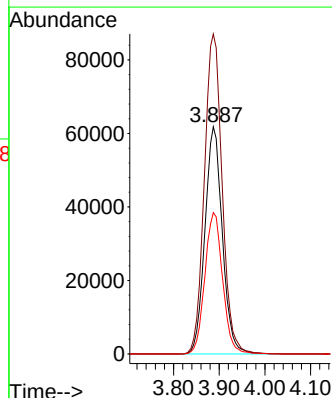
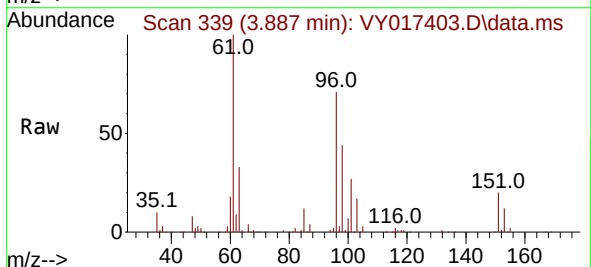
Tgt Ion: 96 Resp: 163488

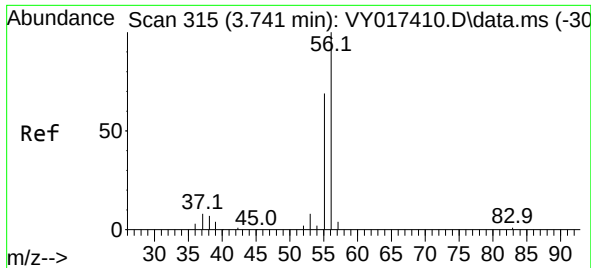
Ion Ratio Lower Upper

96 100

61 140.8 123.8 185.8

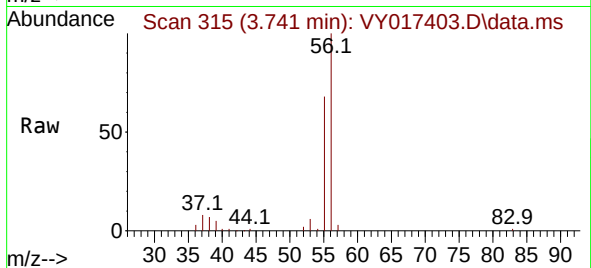
98 62.2 49.4 74.2





#13
Acrolein
Concen: 343.060 ug/l
RT: 3.741 min Scan# 315
Delta R.T. 0.006 min
Lab File: VY017403.D
Acq: 19 Feb 2024 11:00

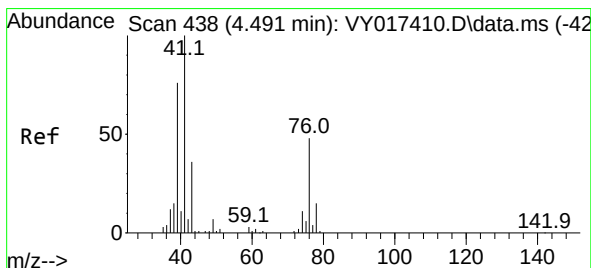
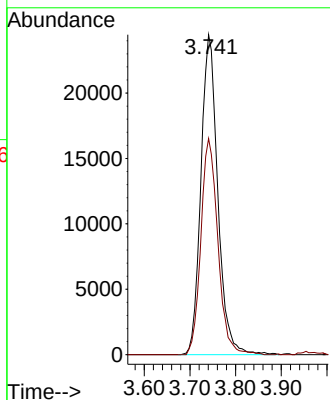
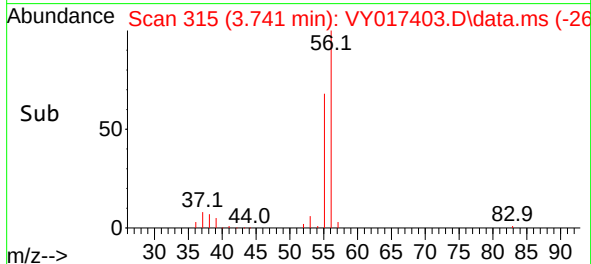
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100



Tgt Ion: 56 Resp: 62729
Ion Ratio Lower Upper
56 100
55 68.0 56.2 84.4

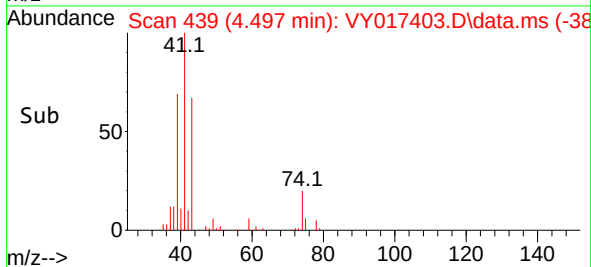
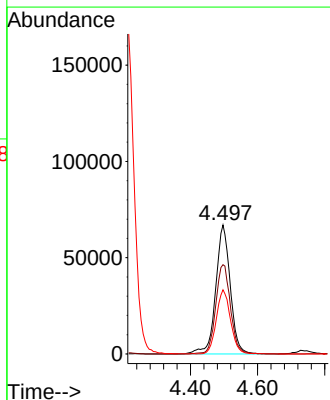
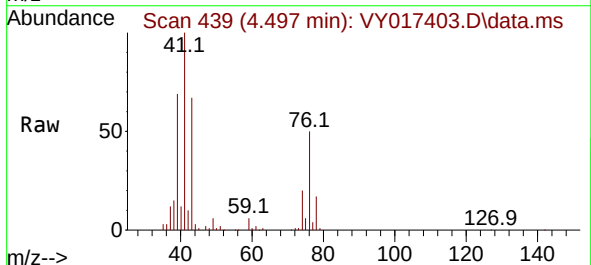
Manual Integrations
APPROVED

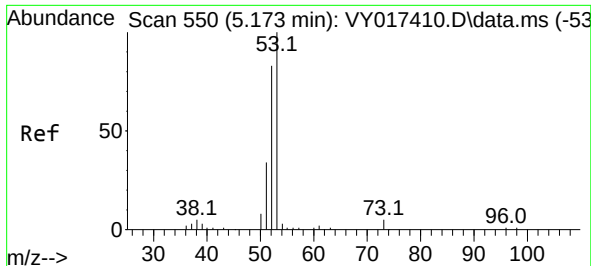
Reviewed By :Mahesh Dadoda 02/20/2024
Supervised By :Semsettin Yesilyurt 02/20/2024



#14
Allyl chloride
Concen: 72.061 ug/l
RT: 4.497 min Scan# 439
Delta R.T. 0.006 min
Lab File: VY017403.D
Acq: 19 Feb 2024 11:00

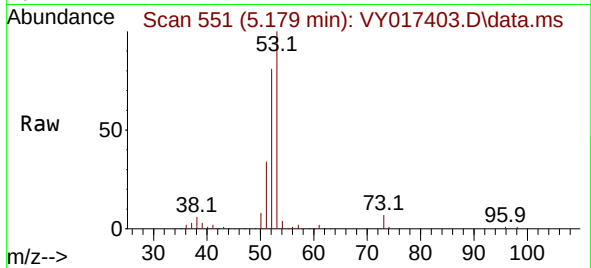
Tgt Ion: 41 Resp: 201145
Ion Ratio Lower Upper
41 100
39 70.3 56.5 84.7
76 48.5 31.7 47.5#





#15
Acrylonitrile
Concen: 387.947 ug/l
RT: 5.179 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY017403.D
Acq: 19 Feb 2024 11:00

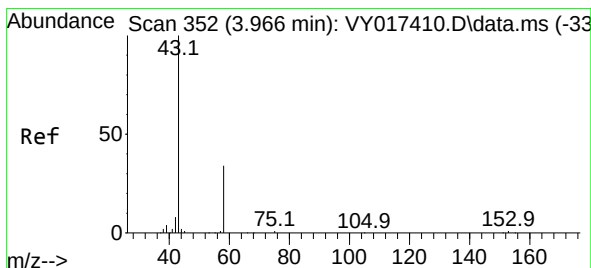
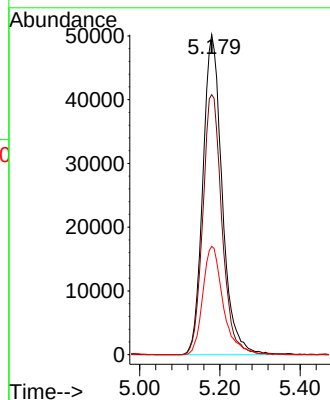
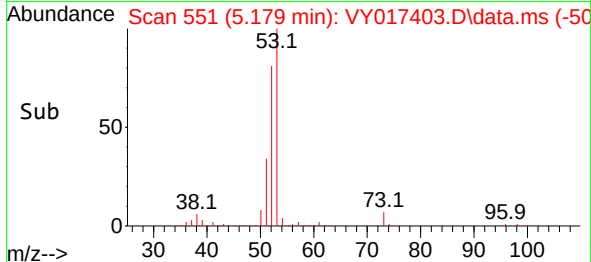
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100



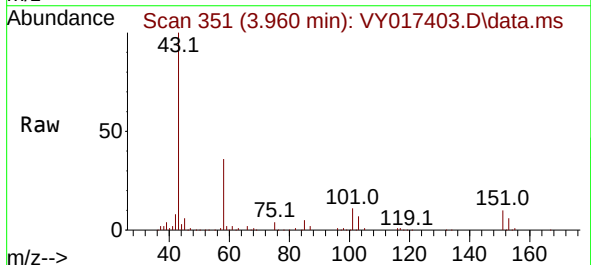
Tgt Ion: 53 Resp: 16765
Ion Ratio Lower Upper
53 100
52 80.6 65.2 97.8
51 35.8 29.4 44.0

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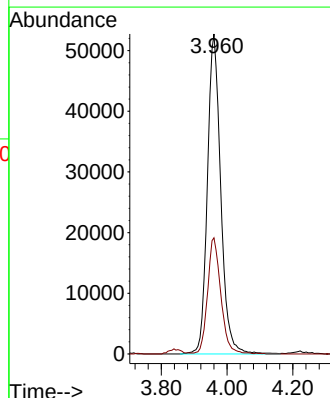
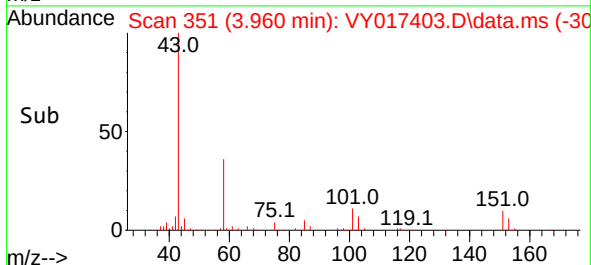
Reviewed By :Mahesh Dadoda 02/20/2024
Supervised By :Semsettin Yesilyurt 02/20/2024

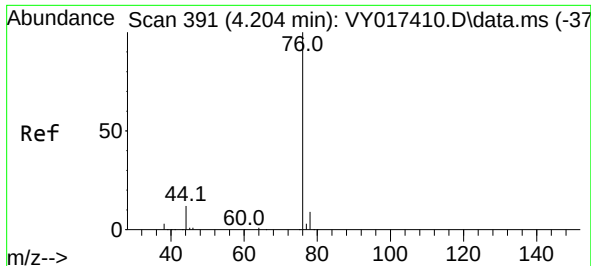


#16
Acetone
Concen: 306.703 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.006 min
Lab File: VY017403.D
Acq: 19 Feb 2024 11:00



Tgt Ion: 43 Resp: 148891
Ion Ratio Lower Upper
43 100
58 36.3 26.3 39.5





#17

Carbon Disulfide

Concen: 84.450 ug/l

RT: 4.210 min Scan# 391

Delta R.T. 0.006 min

Lab File: VY017403.D

Acq: 19 Feb 2024 11:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

Tgt Ion: 76 Resp: 47439

Ion Ratio Lower Upper

76 100

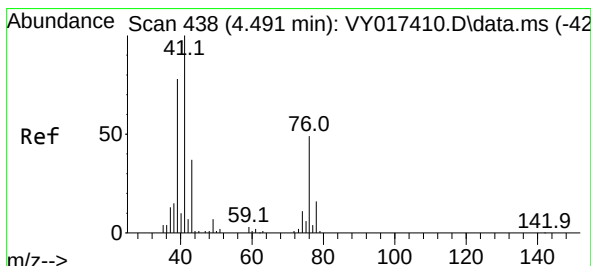
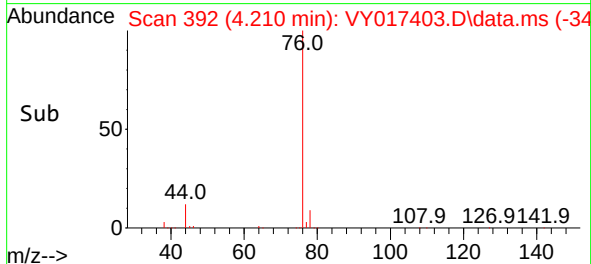
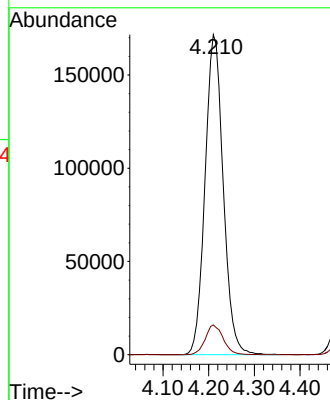
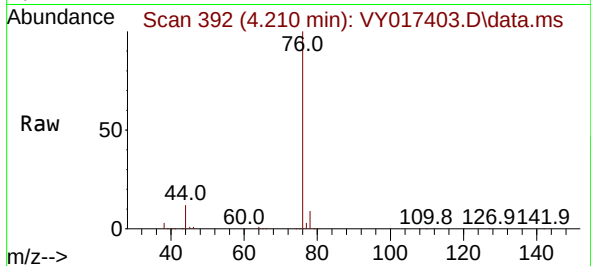
78 9.3 7.3 10.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/20/2024

Supervised By :Semsettin Yesilyurt 02/20/2024



#18

Methyl Acetate

Concen: 97.710 ug/l

RT: 4.491 min Scan# 438

Delta R.T. -0.000 min

Lab File: VY017403.D

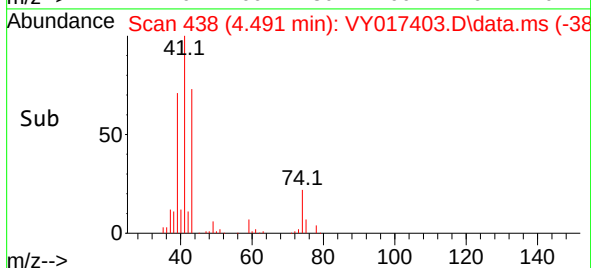
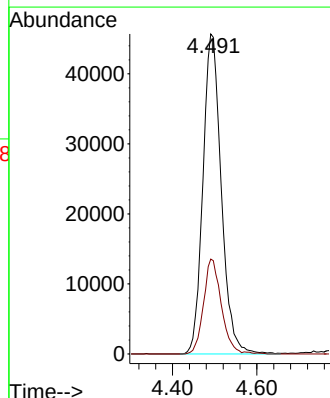
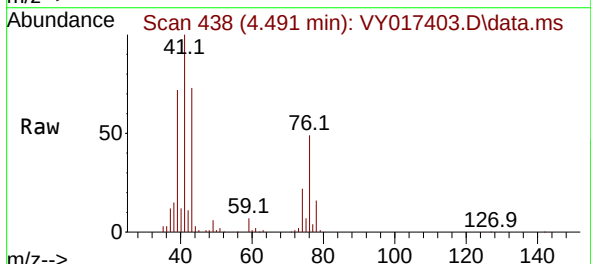
Acq: 19 Feb 2024 11:00

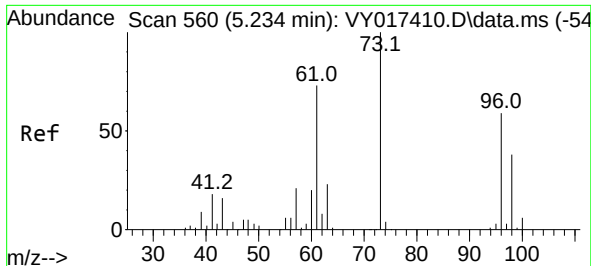
Tgt Ion: 43 Resp: 138544

Ion Ratio Lower Upper

43 100

74 28.7 19.8 29.8





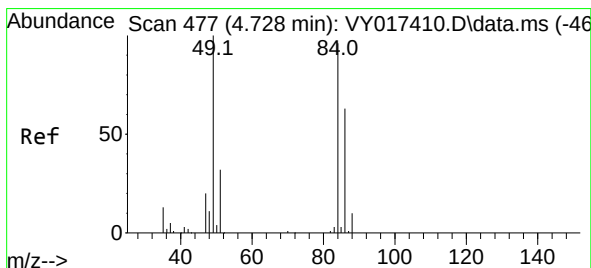
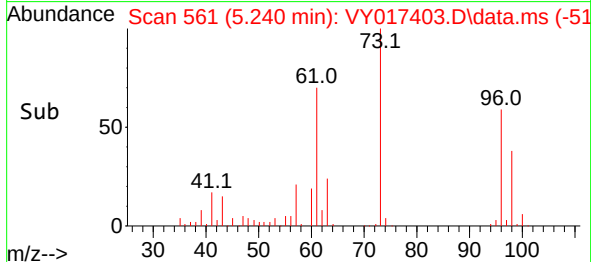
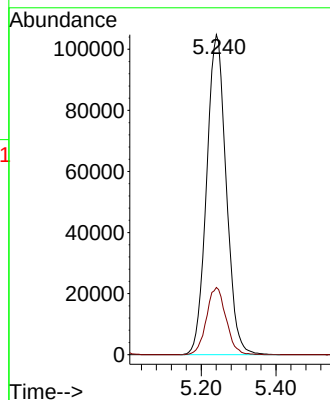
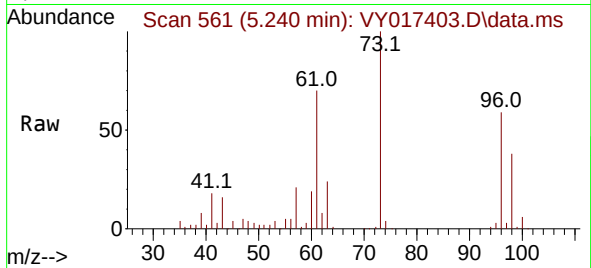
#19
Methyl tert-butyl Ether
Concen: 87.889 ug/l
RT: 5.240 min Scan# 50
Delta R.T. 0.006 min
Lab File: VY017403.D
Acq: 19 Feb 2024 11:00

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tgt Ion: 73 Resp: 380909
Ion Ratio Lower Upper
73 100
57 21.0 17.4 26.2

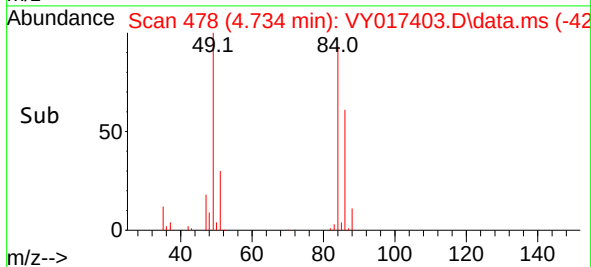
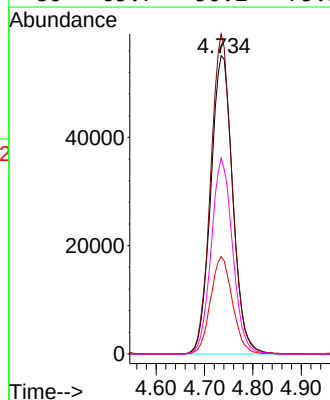
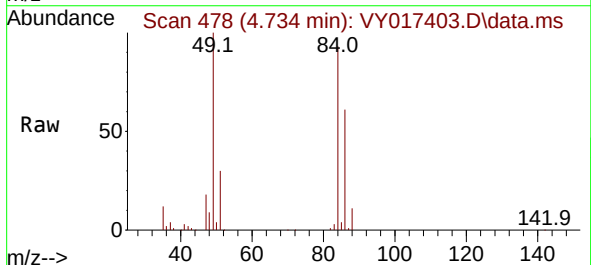
Manual Integrations
APPROVED

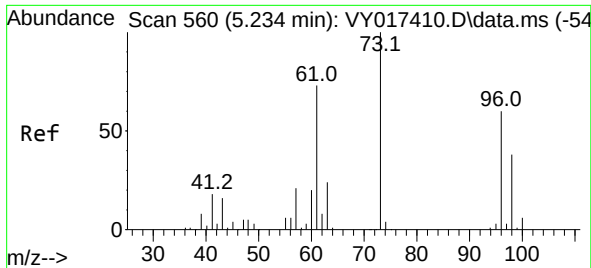
Reviewed By :Mahesh Dadoda 02/20/2024
Supervised By :Semsettin Yesilyurt 02/20/2024



#20
Methylene Chloride
Concen: 58.031 ug/l
RT: 4.734 min Scan# 478
Delta R.T. 0.006 min
Lab File: VY017403.D
Acq: 19 Feb 2024 11:00

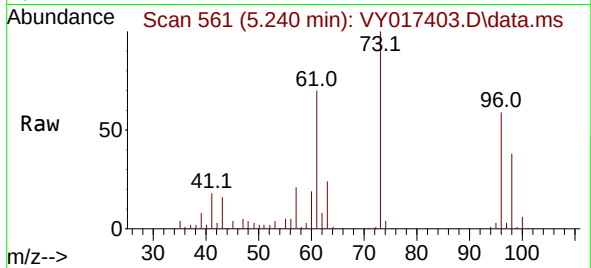
Tgt Ion: 84 Resp: 173820
Ion Ratio Lower Upper
84 100
49 107.3 99.6 149.4
51 32.7 30.7 46.1
86 65.7 50.2 75.2





#21
trans-1,2-Dichloroethene
Concen: 91.775 ug/l
RT: 5.240 min Scan# 501
Delta R.T. 0.006 min
Lab File: VY017403.D
Acq: 19 Feb 2024 11:00

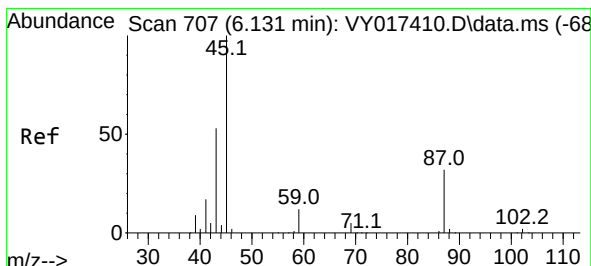
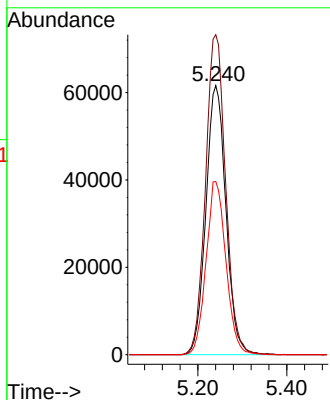
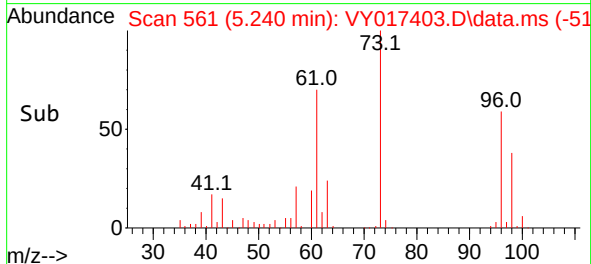
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100



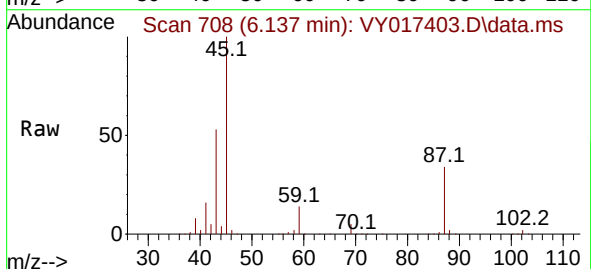
Tgt Ion: 96 Resp: 193000
Ion Ratio Lower Upper
96 100
61 118.9 107.3 160.9
98 64.3 49.0 73.6

Manual Integrations
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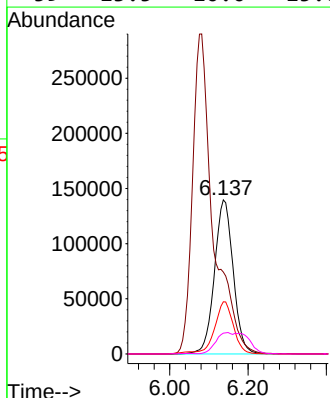
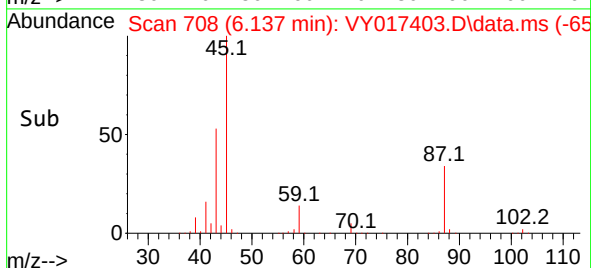
Reviewed By :Mahesh Dadoda 02/20/2024
Supervised By :Semsettin Yesilyurt 02/20/2024

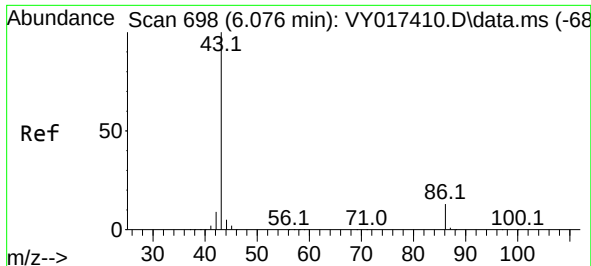


#22
Diisopropyl ether
Concen: 75.364 ug/l
RT: 6.137 min Scan# 708
Delta R.T. 0.006 min
Lab File: VY017403.D
Acq: 19 Feb 2024 11:00



Tgt Ion: 45 Resp: 464426
Ion Ratio Lower Upper
45 100
43 52.9 45.0 67.6
87 33.9 22.5 33.7#
59 13.5 10.0 15.0





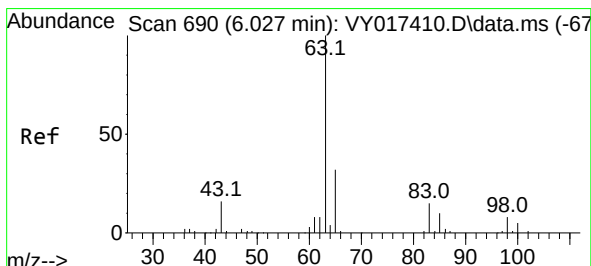
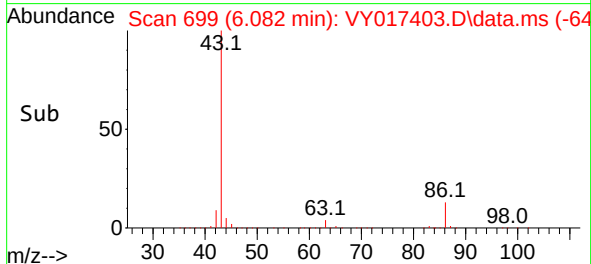
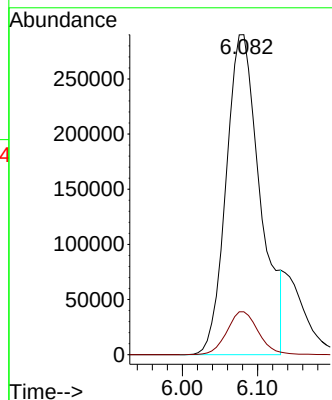
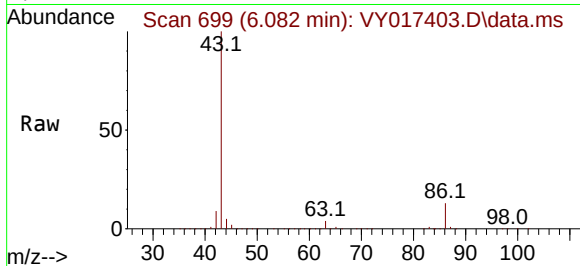
#23
 Vinyl Acetate
 Concen: 278.529 ug/l m
 RT: 6.082 min Scan# 699
 Delta R.T. 0.006 min
 Lab File: VY017403.D
 Acq: 19 Feb 2024 11:00

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC100

Tgt Ion: 43 Resp: 91345
 Ion Ratio Lower Upper
 43 100
 86 13.4 8.6 13.0

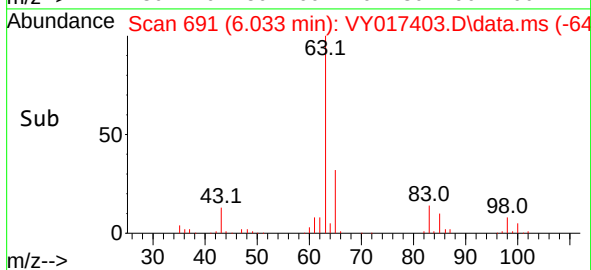
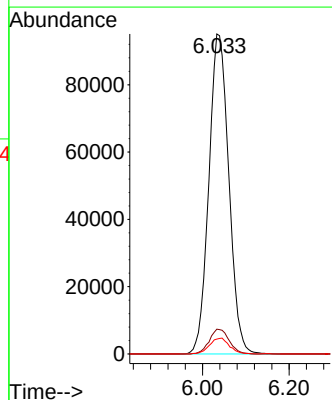
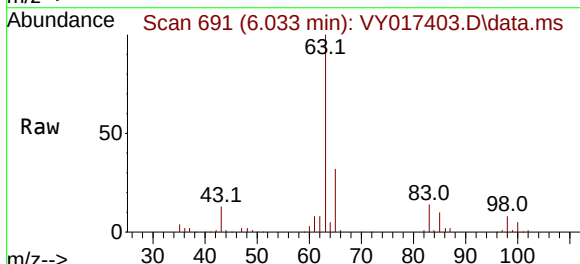
Manual Integrations
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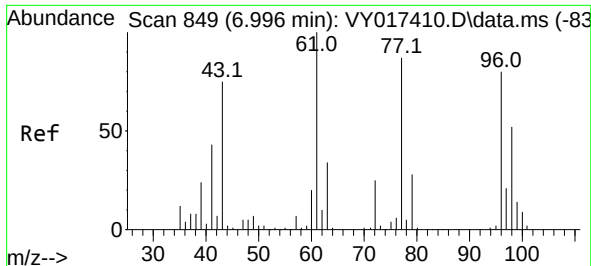
Reviewed By :Mahesh Dadoda 02/20/2024
 Supervised By :Semsettin Yesilyurt 02/20/2024



#24
 1,1-Dichloroethane
 Concen: 81.281 ug/l
 RT: 6.033 min Scan# 691
 Delta R.T. -0.000 min
 Lab File: VY017403.D
 Acq: 19 Feb 2024 11:00

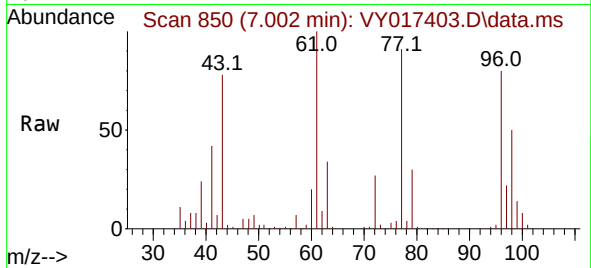
Tgt Ion: 63 Resp: 304385
 Ion Ratio Lower Upper
 63 100
 98 7.8 3.2 9.6
 100 4.6 2.4 7.2





#25
2-Butanone
Concen: 338.198 ug/l
RT: 7.002 min Scan# 850
Delta R.T. 0.006 min
Lab File: VY017403.D
Acq: 19 Feb 2024 11:00

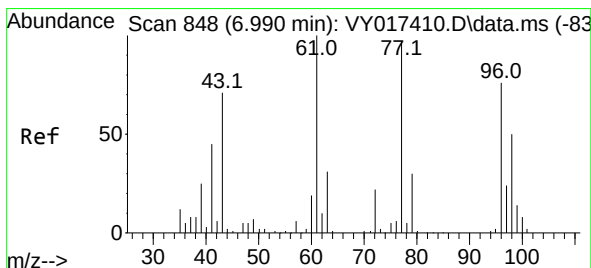
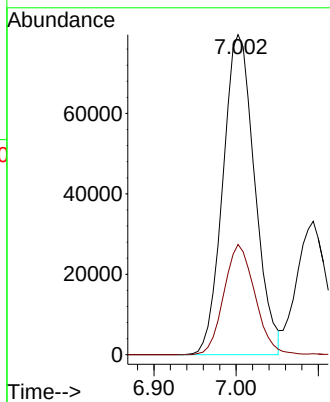
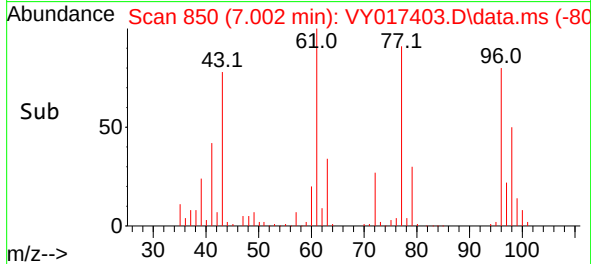
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100



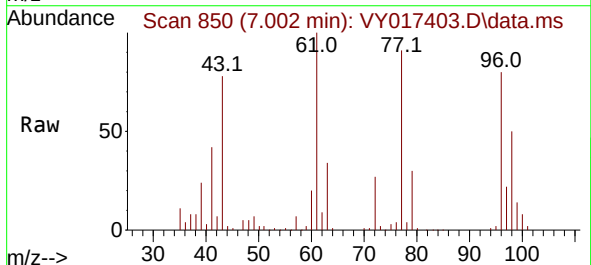
Tgt Ion: 43 Resp: 21408
Ion Ratio Lower Upper
43 100
72 34.4 22.1 33.1

Manual Integrations
APPROVED

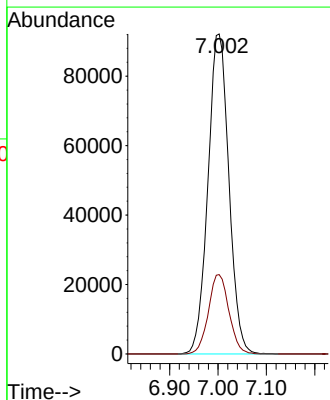
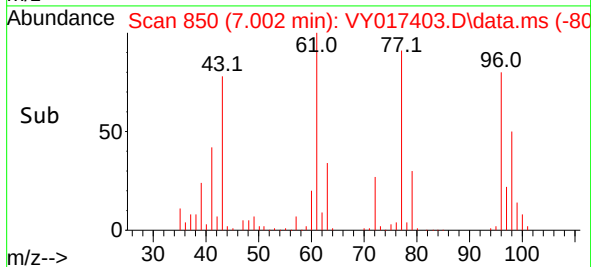
Reviewed By :Mahesh Dadoda 02/20/2024
Supervised By :Semsettin Yesilyurt 02/20/2024

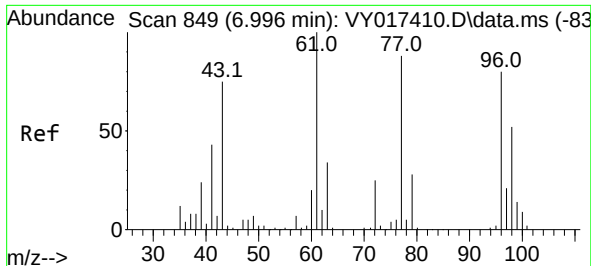


#26
2,2-Dichloropropane
Concen: 86.912 ug/l
RT: 7.002 min Scan# 850
Delta R.T. 0.006 min
Lab File: VY017403.D
Acq: 19 Feb 2024 11:00



Tgt Ion: 77 Resp: 276723
Ion Ratio Lower Upper
77 100
97 24.3 11.6 34.7





#27

cis-1,2-Dichloroethene

Concen: 93.092 ug/l

RT: 7.002 min Scan# 849

Delta R.T. -0.000 min

Lab File: VY017403.D

Acq: 19 Feb 2024 11:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

Tgt Ion: 96 Resp: 21862

Ion Ratio Lower Upper

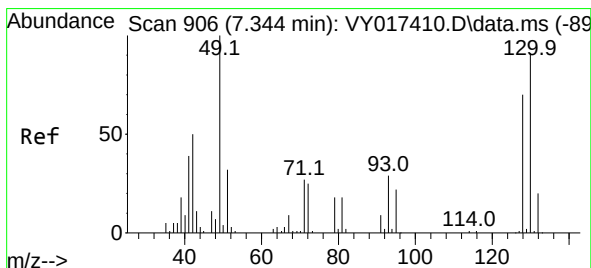
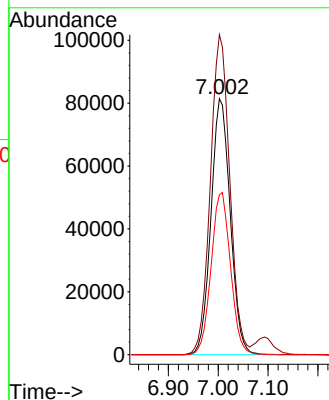
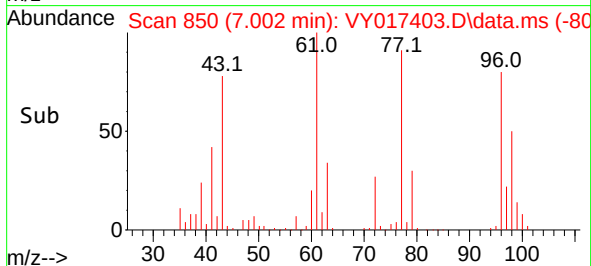
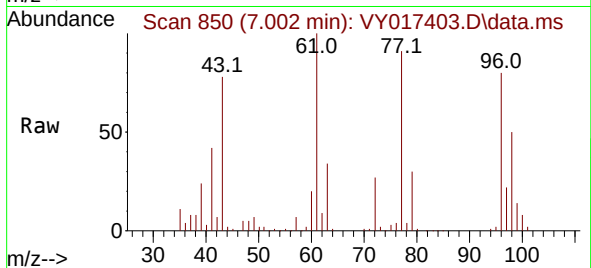
96 100

61 126.1 0.0 283.8

98 63.7 0.0 128.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/20/2024
Supervised By :Semsettin Yesilyurt 02/20/2024

#28

Bromochloromethane

Concen: 67.025 ug/l

RT: 7.350 min Scan# 907

Delta R.T. 0.006 min

Lab File: VY017403.D

Acq: 19 Feb 2024 11:00

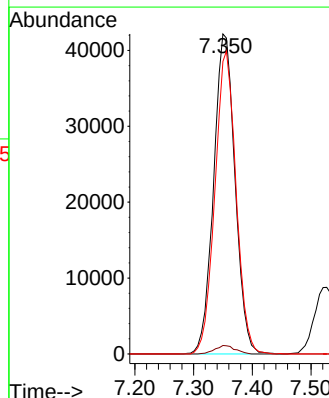
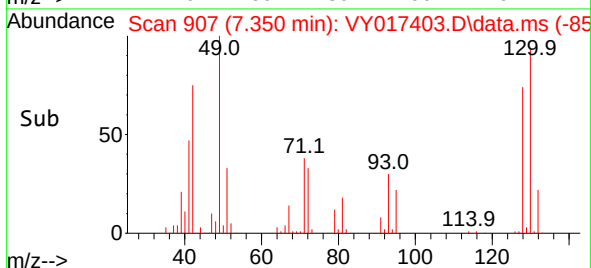
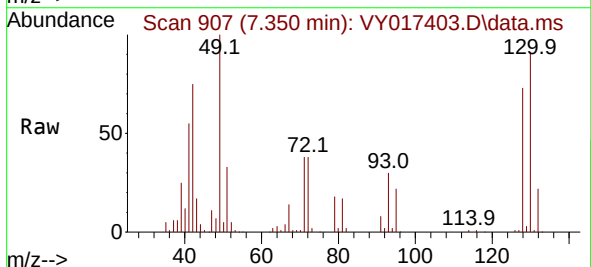
Tgt Ion: 49 Resp: 106730

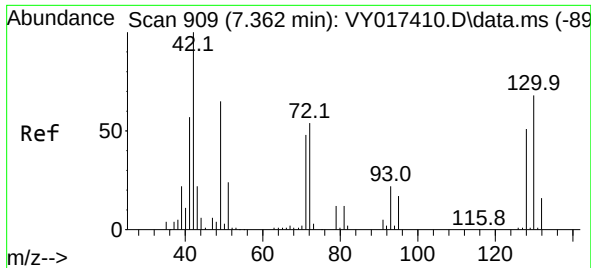
Ion Ratio Lower Upper

49 100

129 2.5 0.0 3.8

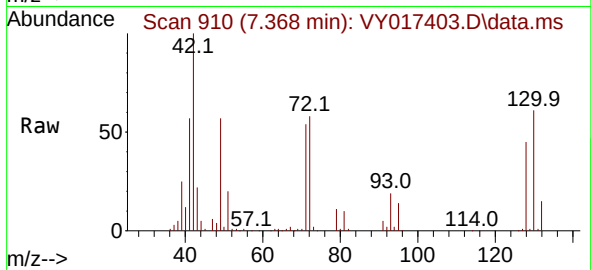
130 93.3 57.4 86.2#





#29
Tetrahydrofuran
Concen: 356.558 ug/l
RT: 7.368 min Scan# 910
Delta R.T. 0.006 min
Lab File: VY017403.D
Acq: 19 Feb 2024 11:00

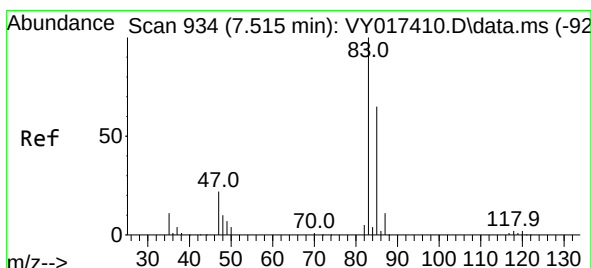
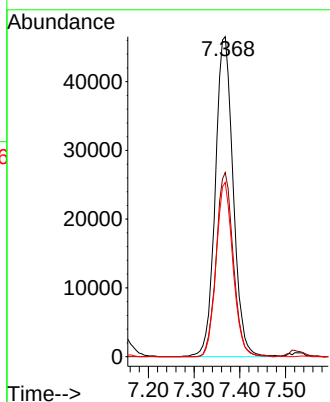
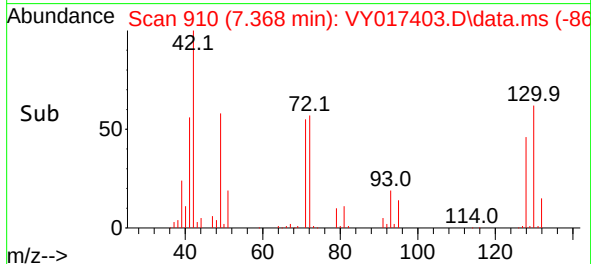
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100



Tgt Ion: 42 Resp: 126384
Ion Ratio Lower Upper
42 100
72 55.3 35.7 53.5
71 51.6 33.6 50.4

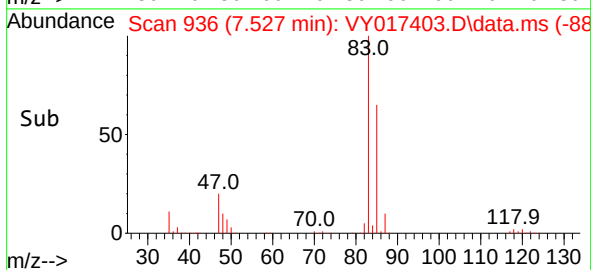
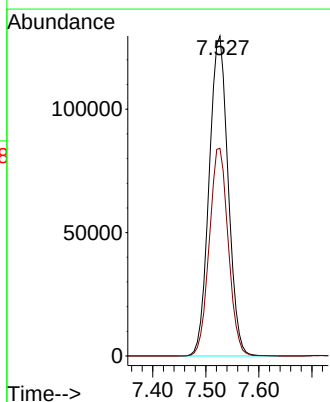
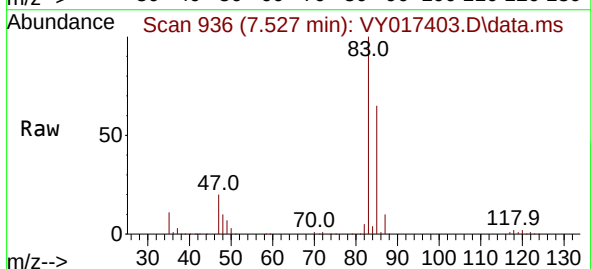
Manual Integrations
APPROVED

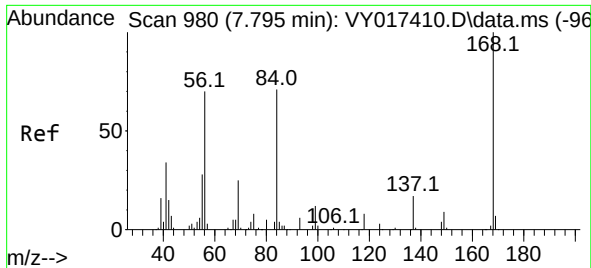
Reviewed By :Mahesh Dadoda 02/20/2024
Supervised By :Semsettin Yesilyurt 02/20/2024



#30
Chloroform
Concen: 85.174 ug/l
RT: 7.527 min Scan# 936
Delta R.T. 0.006 min
Lab File: VY017403.D
Acq: 19 Feb 2024 11:00

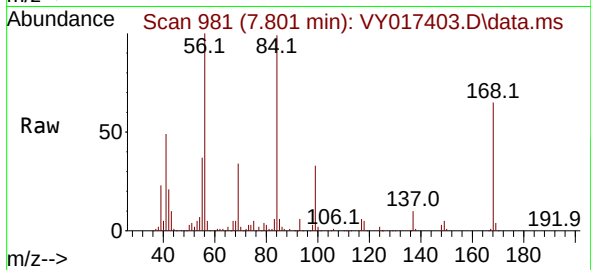
Tgt Ion: 83 Resp: 322165
Ion Ratio Lower Upper
83 100
85 64.9 49.9 74.9





#31
Cyclohexane
Concen: 78.205 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY017403.D
Acq: 19 Feb 2024 11:00

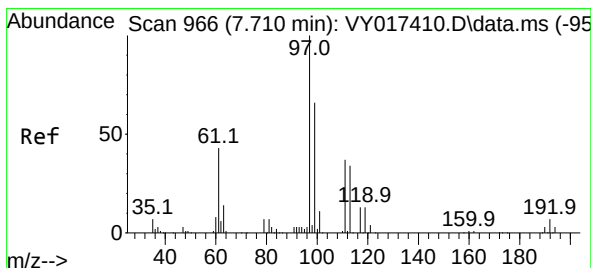
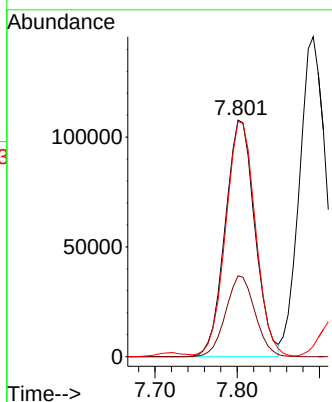
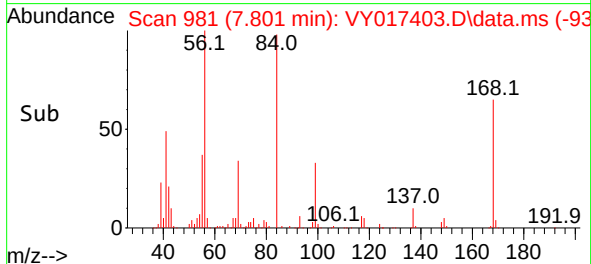
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100



Tgt Ion: 56 Resp: 271094
Ion Ratio Lower Upper
56 100
69 34.2 25.2 37.8
84 98.1 68.2 102.4

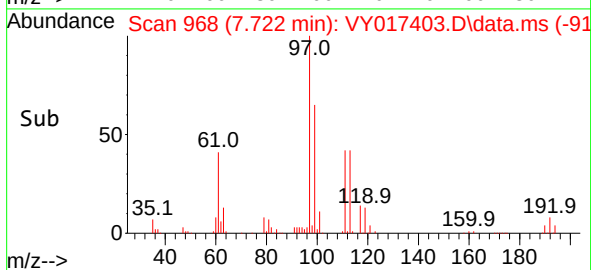
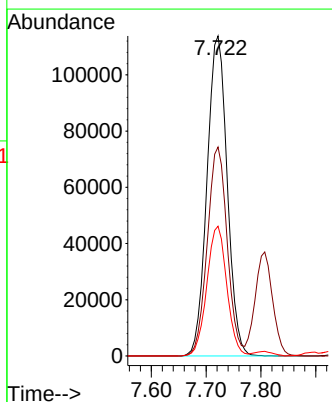
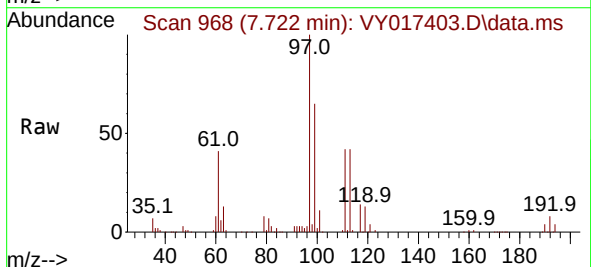
Manual Integrations
APPROVED

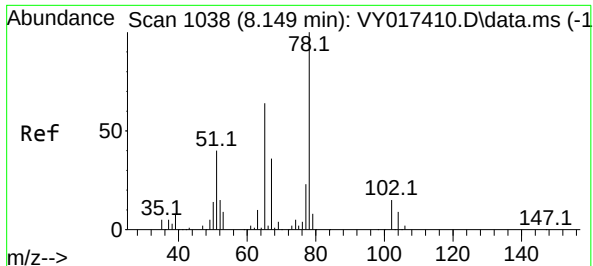
Reviewed By :Mahesh Dadoda 02/20/2024
Supervised By :Semsettin Yesilyurt 02/20/2024



#32
1,1,1-Trichloroethane
Concen: 89.222 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY017403.D
Acq: 19 Feb 2024 11:00

Tgt Ion: 97 Resp: 290842
Ion Ratio Lower Upper
97 100
99 64.6 52.6 78.8
61 40.2 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 75.896 ug/l

RT: 8.161 min Scan# 1100

Delta R.T. 0.006 min

Lab File: VY017403.D

Acq: 19 Feb 2024 11:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

Tgt Ion: 65 Resp: 136699

Ion Ratio Lower Upper

65 100

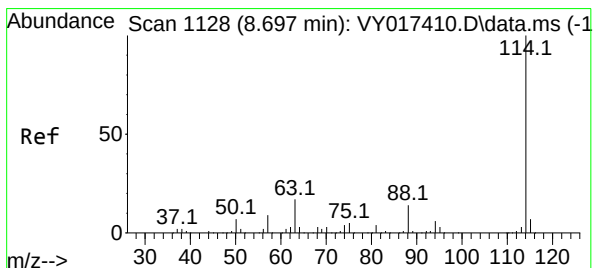
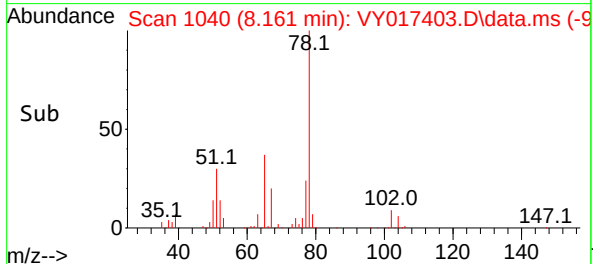
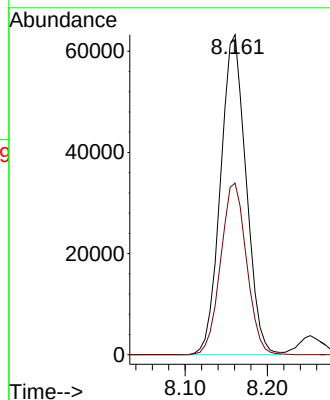
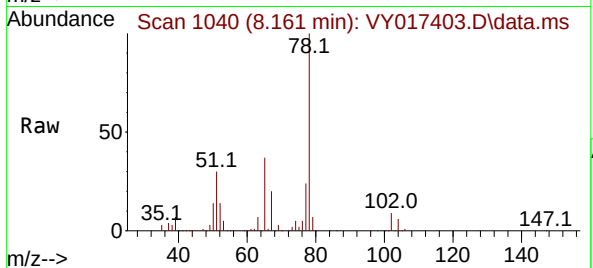
67 54.3 0.0 108.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/20/2024

Supervised By :Semsettin Yesilyurt 02/20/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.709 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VY017403.D

Acq: 19 Feb 2024 11:00

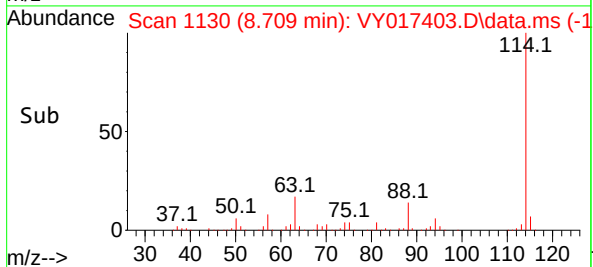
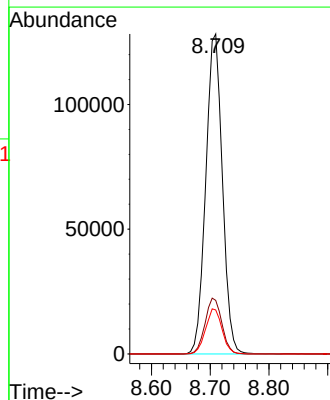
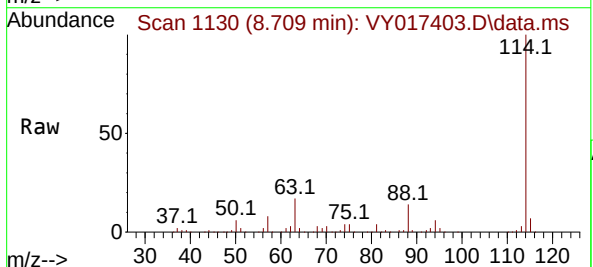
Tgt Ion:114 Resp: 251825

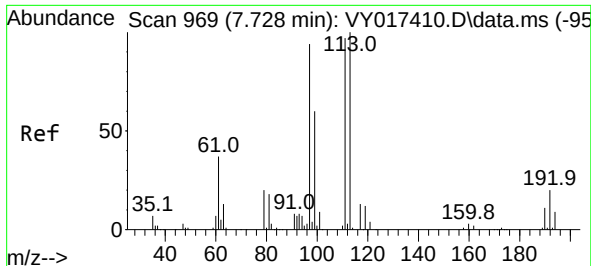
Ion Ratio Lower Upper

114 100

63 16.7 0.0 40.0

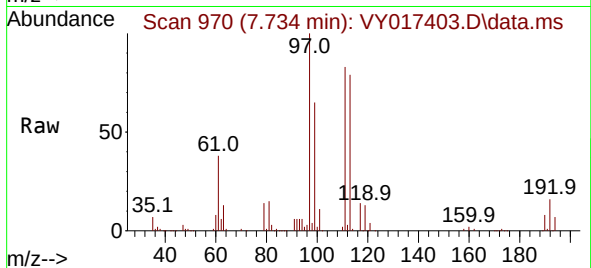
88 13.7 0.0 30.2





#35
Dibromofluoromethane
Concen: 97.788 ug/l
RT: 7.734 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY017403.D
Acq: 19 Feb 2024 11:00

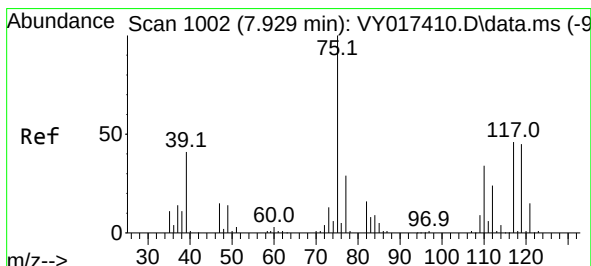
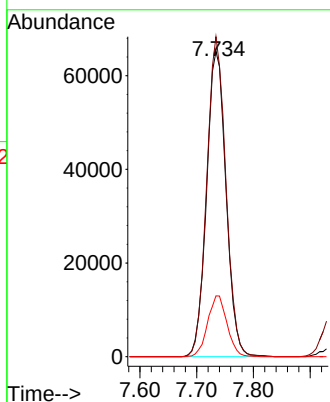
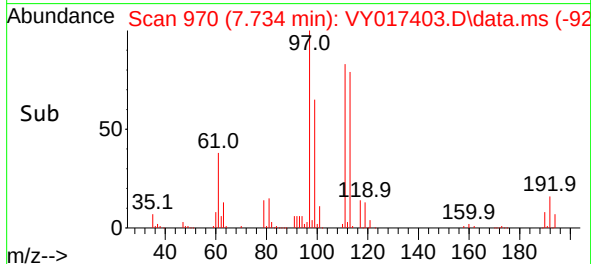
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100



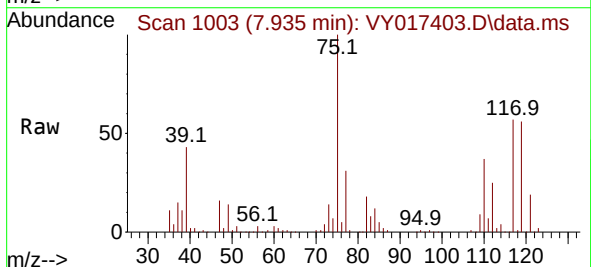
Tgt Ion: 113 Resp: 155470
Ion Ratio Lower Upper
113 100
111 103.0 82.1 123.1
192 19.9 14.1 21.1

Manual Integrations
APPROVED

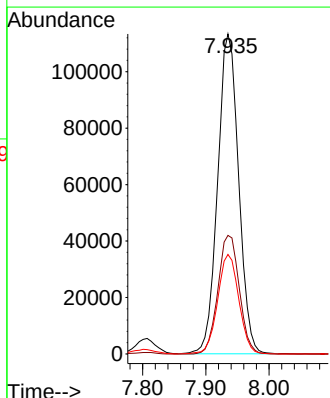
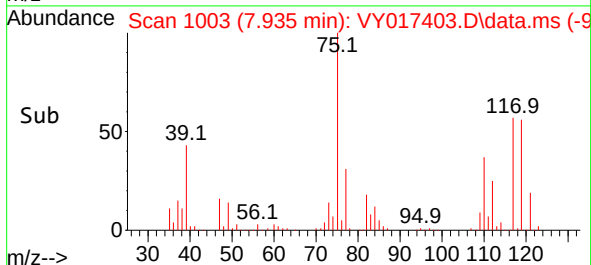
Reviewed By :Mahesh Dadoda 02/20/2024
Supervised By :Semsettin Yesilyurt 02/20/2024

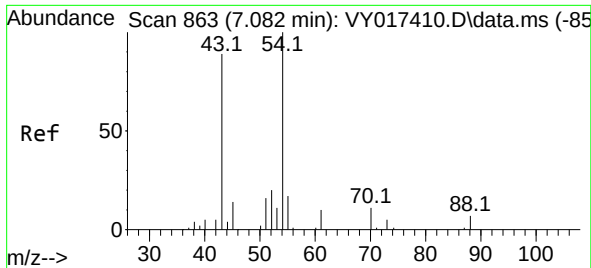


#36
1,1-Dichloropropene
Concen: 97.872 ug/l
RT: 7.935 min Scan# 1003
Delta R.T. 0.006 min
Lab File: VY017403.D
Acq: 19 Feb 2024 11:00



Tgt Ion: 75 Resp: 260283
Ion Ratio Lower Upper
75 100
110 37.8 17.0 51.0
77 31.5 24.6 37.0





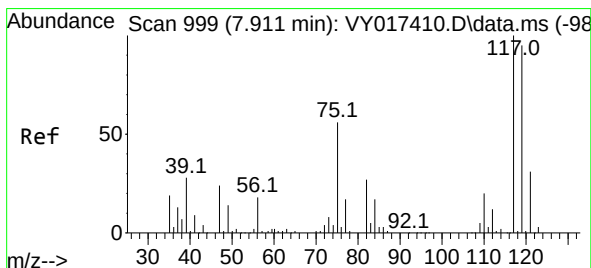
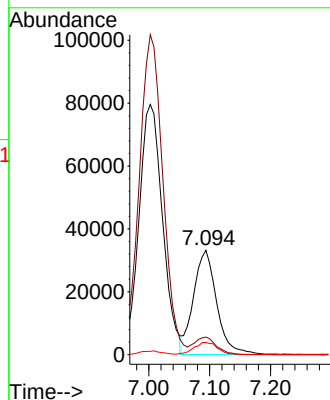
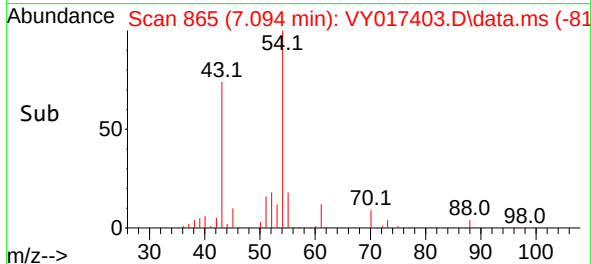
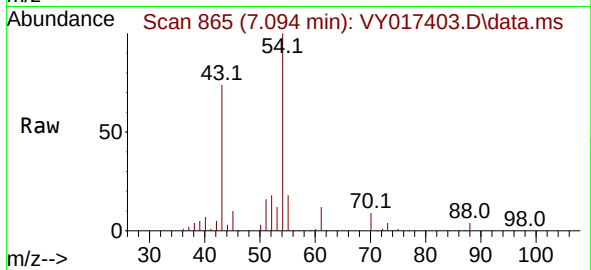
#37
Ethyl Acetate
Concen: 75.602 ug/l
RT: 7.094 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY017403.D
Acq: 19 Feb 2024 11:00

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion: 43 Resp: 8779
Ion Ratio Lower Upper
43 100
61 15.9 11.1 16.7
70 12.0 7.8 11.6

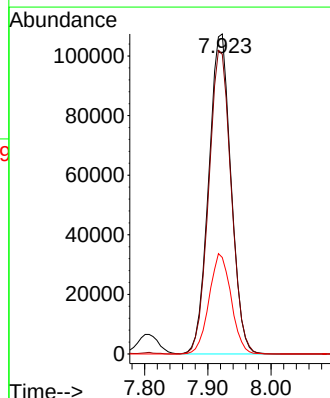
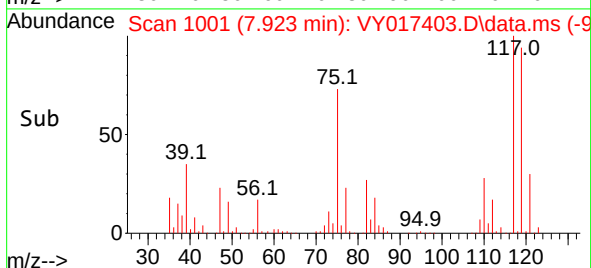
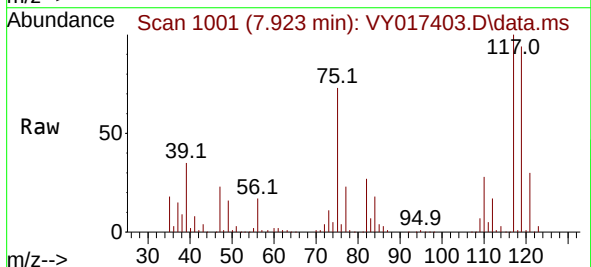
Manual Integrations
APPROVED

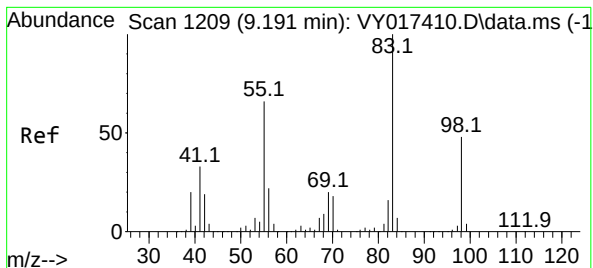
Reviewed By :Mahesh Dadoda 02/20/2024
Supervised By :Semsettin Yesilyurt 02/20/2024



#38
Carbon Tetrachloride
Concen: 104.033 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VY017403.D
Acq: 19 Feb 2024 11:00

Tgt Ion:117 Resp: 263234
Ion Ratio Lower Upper
117 100
119 93.6 79.3 118.9
121 30.2 24.0 36.0





#39

Methylcyclohexane

Concen: 109.112 ug/l

RT: 9.197 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY017403.D

Acq: 19 Feb 2024 11:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

Tgt Ion: 83 Resp: 340880

Ion Ratio Lower Upper

83 100

55 65.1 57.8 86.8

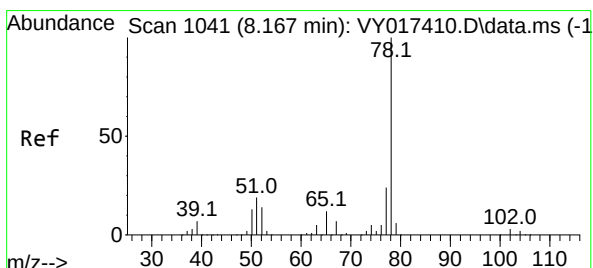
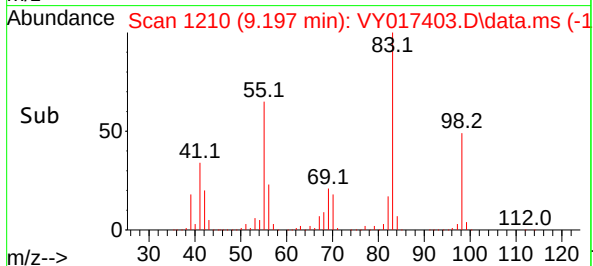
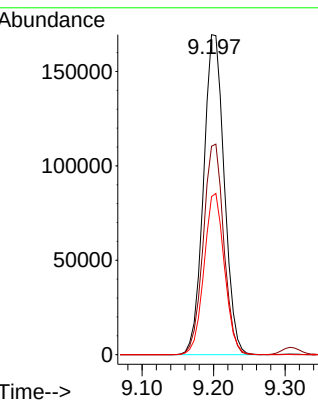
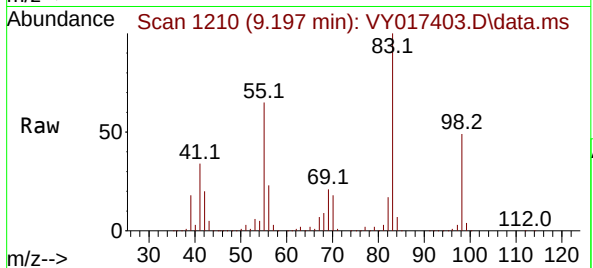
98 49.4 38.2 57.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/20/2024

Supervised By :Semsettin Yesilyurt 02/20/2024



#40

Benzene

Concen: 100.146 ug/l

RT: 8.179 min Scan# 1043

Delta R.T. 0.006 min

Lab File: VY017403.D

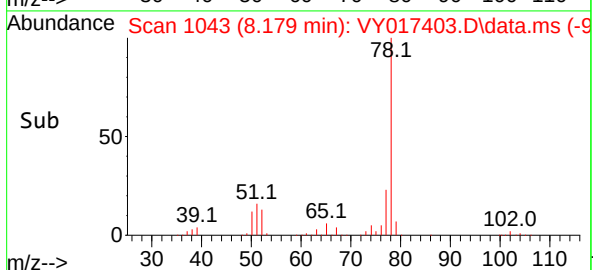
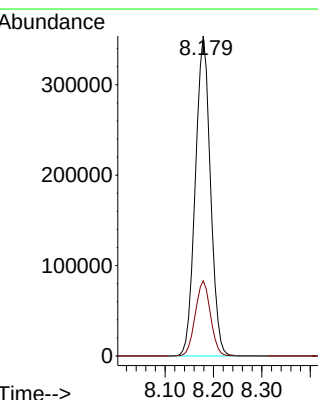
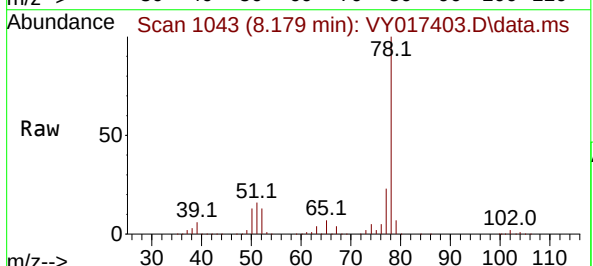
Acq: 19 Feb 2024 11:00

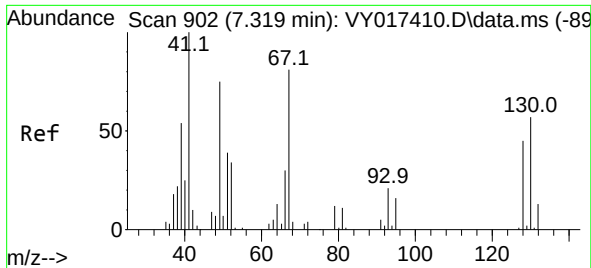
Tgt Ion: 78 Resp: 766163

Ion Ratio Lower Upper

78 100

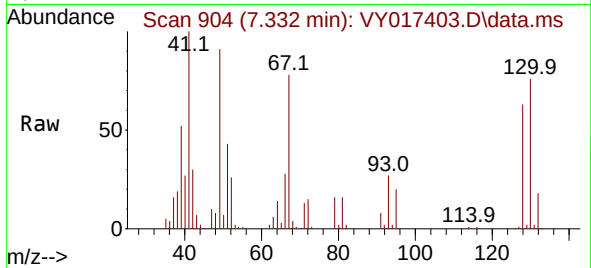
77 23.5 18.4 27.6





#41
Methacrylonitrile
Concen: 96.006 ug/l m
RT: 7.332 min Scan# 904
Delta R.T. 0.012 min
Lab File: VY017403.D
Acq: 19 Feb 2024 11:00

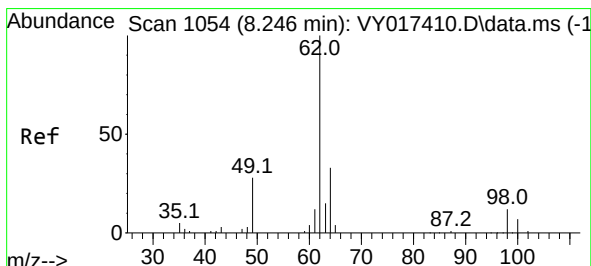
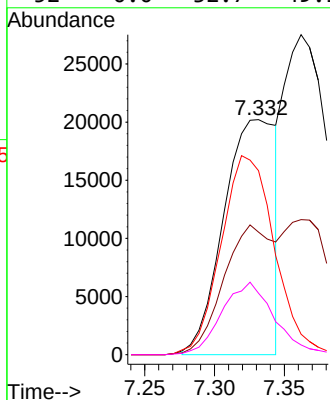
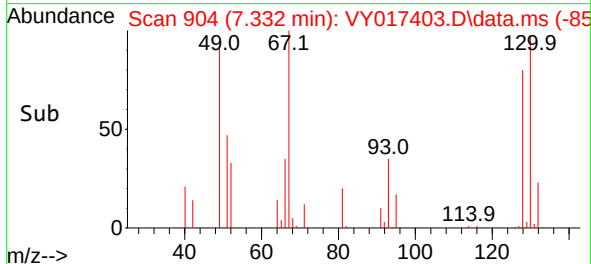
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100



Tgt Ion: 41 Resp: 52440
Ion Ratio Lower Upper
41 100
39 0.0 51.2 76.8
67 0.0 79.0 118.6
52 0.0 32.7 49.1

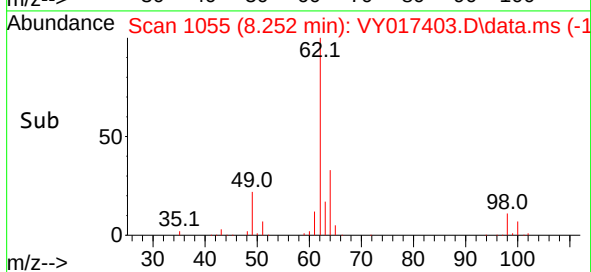
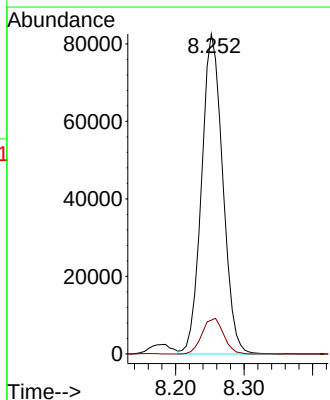
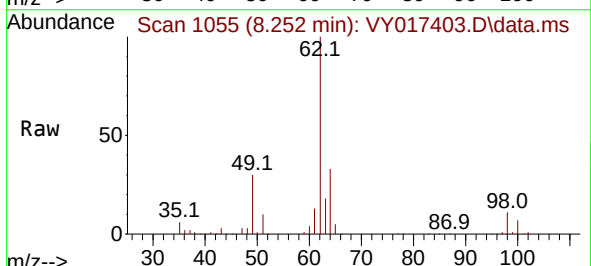
Manual Integrations
APPROVED

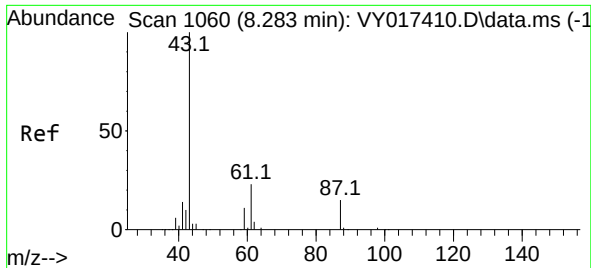
Reviewed By :Mahesh Dadoda 02/20/2024
Supervised By :Semsettin Yesilyurt 02/20/2024



#42
1,2-Dichloroethane
Concen: 89.250 ug/l
RT: 8.252 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VY017403.D
Acq: 19 Feb 2024 11:00

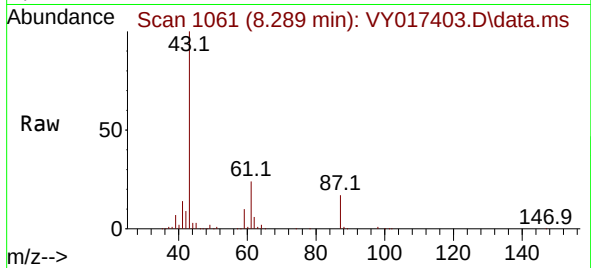
Tgt Ion: 62 Resp: 177843
Ion Ratio Lower Upper
62 100
98 11.3 0.0 20.2





#43
Isopropyl Acetate
Concen: 81.398 ug/l
RT: 8.289 min Scan# 1060
Delta R.T. 0.006 min
Lab File: VY017403.D
Acq: 19 Feb 2024 11:00

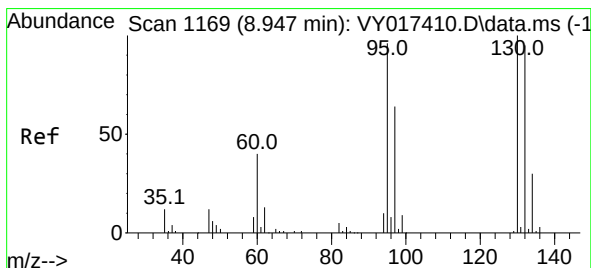
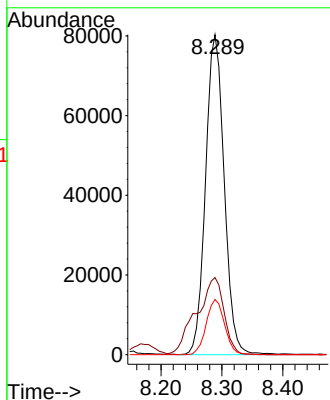
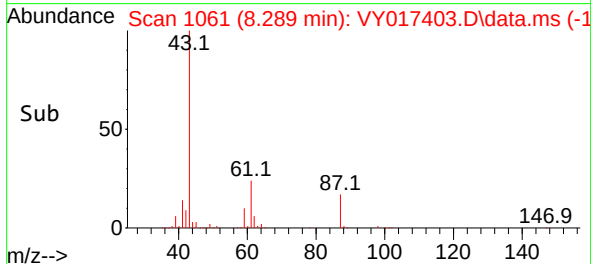
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100



Tgt Ion: 43 Resp: 170925
Ion Ratio Lower Upper
43 100
61 35.6 24.6 36.8
87 17.0 10.6 15.8

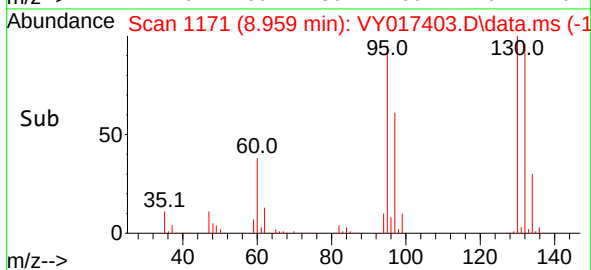
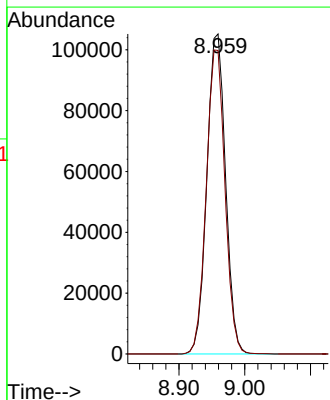
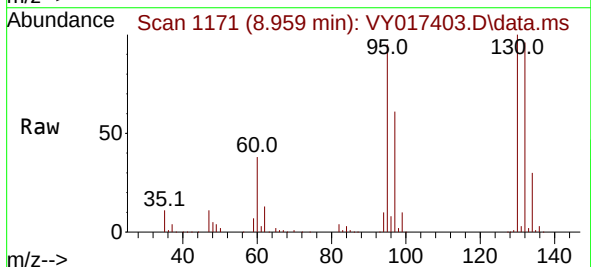
Manual Integrations
APPROVED

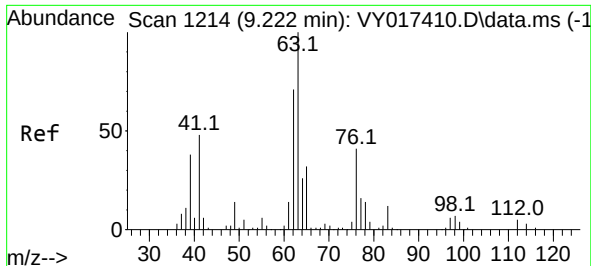
Reviewed By :Mahesh Dadoda 02/20/2024
Supervised By :Semsettin Yesilyurt 02/20/2024



#44
Trichloroethene
Concen: 107.596 ug/l
RT: 8.959 min Scan# 1171
Delta R.T. 0.006 min
Lab File: VY017403.D
Acq: 19 Feb 2024 11:00

Tgt Ion:130 Resp: 208093
Ion Ratio Lower Upper
130 100
95 94.9 0.0 198.4





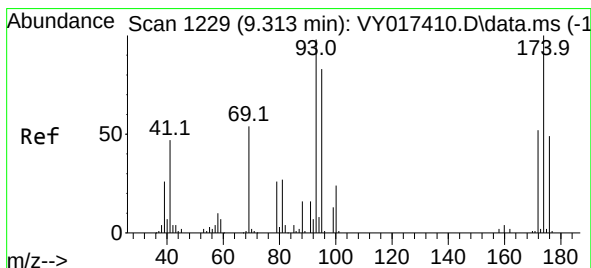
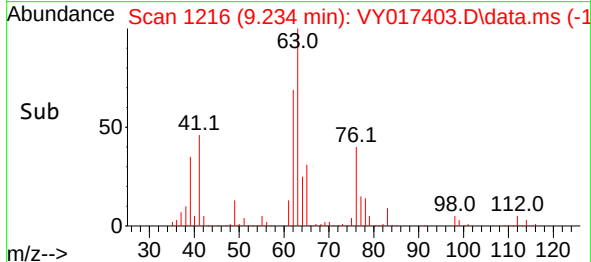
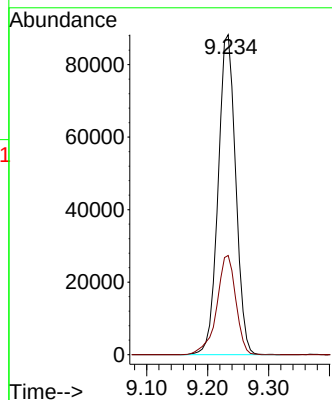
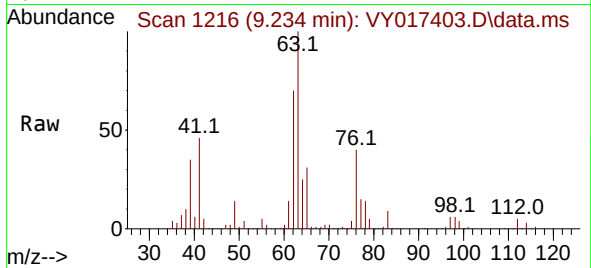
#45
1,2-Dichloropropane
Concen: 92.761 ug/l
RT: 9.234 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017403.D
Acq: 19 Feb 2024 11:00

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion: 63 Resp: 17658
Ion Ratio Lower Upper
63 100
65 31.0 25.7 38.5

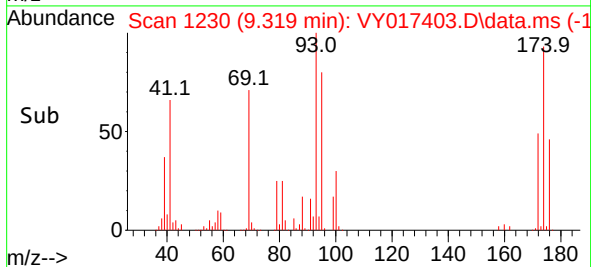
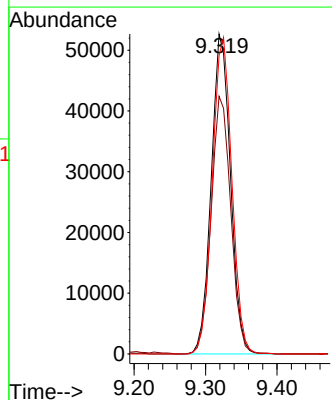
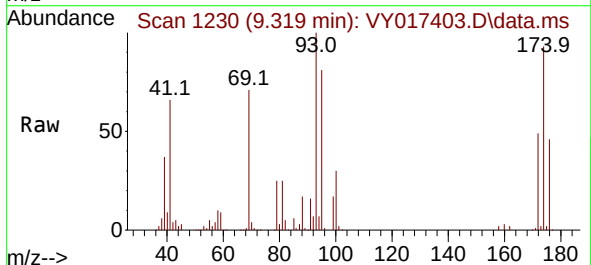
Manual Integrations
APPROVED

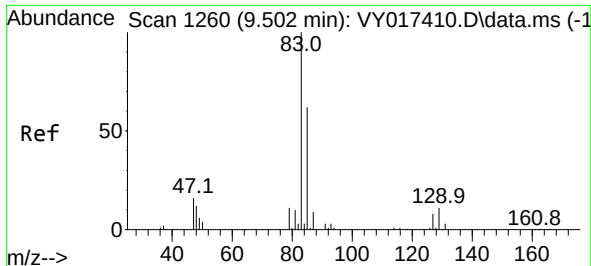
Reviewed By :Mahesh Dadoda 02/20/2024
Supervised By :Semsettin Yesilyurt 02/20/2024



#46
Dibromomethane
Concen: 100.111 ug/l
RT: 9.319 min Scan# 1230
Delta R.T. -0.000 min
Lab File: VY017403.D
Acq: 19 Feb 2024 11:00

Tgt Ion: 93 Resp: 98698
Ion Ratio Lower Upper
93 100
95 82.2 65.8 98.8
174 100.2 67.5 101.3





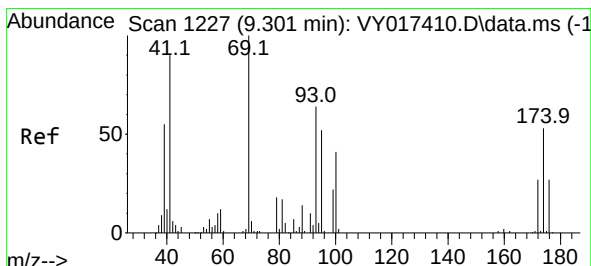
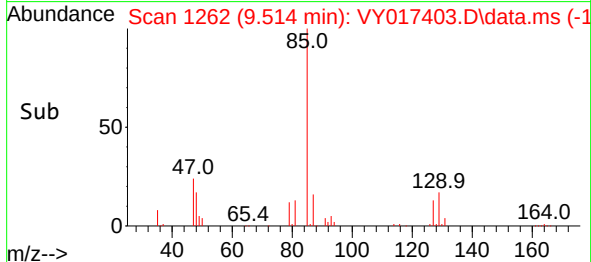
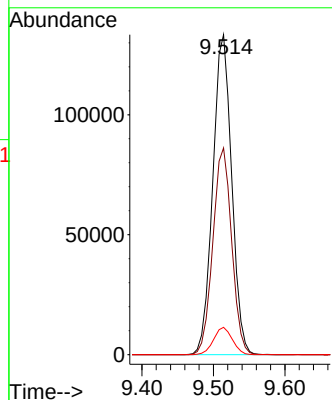
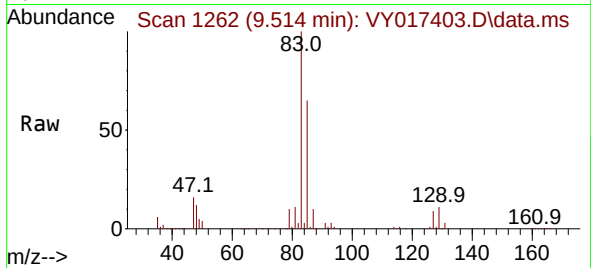
#47
Bromodichloromethane
Concen: 98.453 ug/l
RT: 9.514 min Scan# 1262
Delta R.T. 0.006 min
Lab File: VY017403.D
Acq: 19 Feb 2024 11:00

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tgt Ion: 83 Resp: 24424
Ion Ratio Lower Upper
83 100
85 64.6 52.2 78.2
127 8.6 6.8 10.2

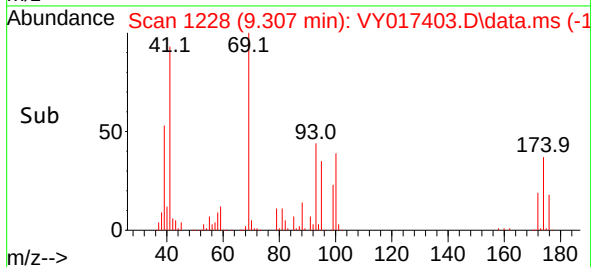
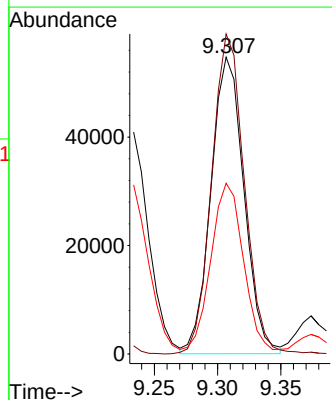
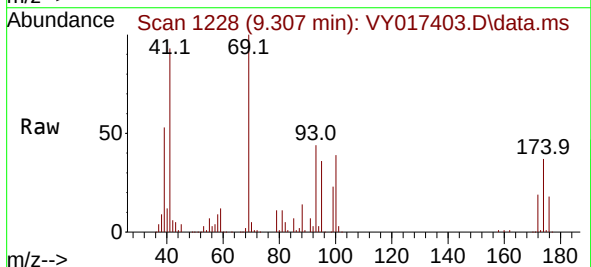
Manual Integrations
APPROVED

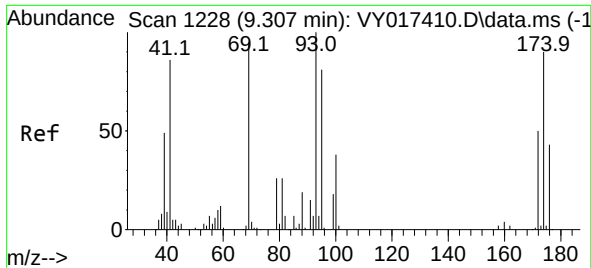
Reviewed By :Mahesh Dadoda 02/20/2024
Supervised By :Semsettin Yesilyurt 02/20/2024



#48
Methyl methacrylate
Concen: 93.698 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. 0.006 min
Lab File: VY017403.D
Acq: 19 Feb 2024 11:00

Tgt Ion: 41 Resp: 99323
Ion Ratio Lower Upper
41 100
69 106.4 72.9 109.3
39 54.4 44.0 66.0





#49

1,4-Dioxane

Concen: 2123.606 ug/l

RT: 9.313 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY017403.D

Acq: 19 Feb 2024 11:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

Tgt Ion: 88 Resp: 21129

Ion Ratio Lower Upper

88 100

43 30.0 30.7 46.1

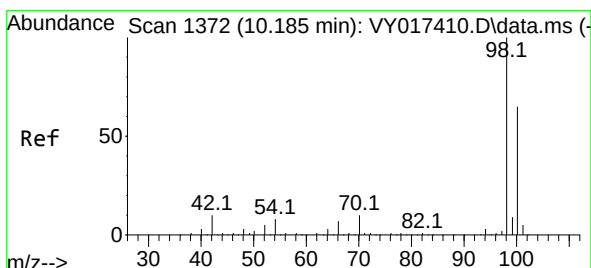
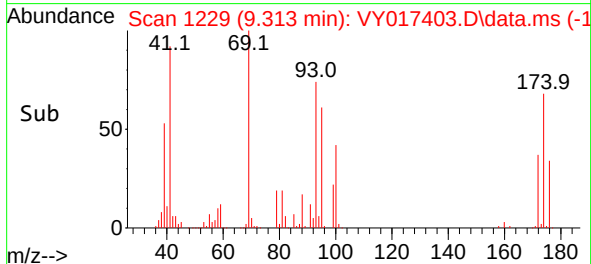
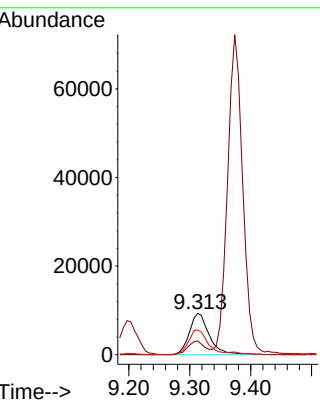
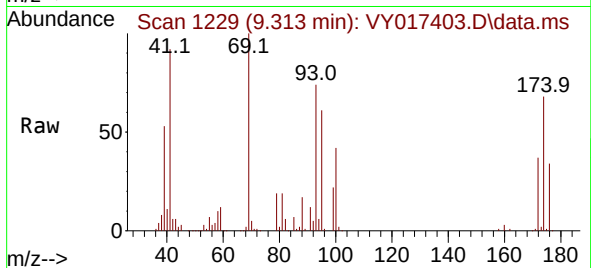
58 58.0 52.4 78.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/20/2024

Supervised By :Semsettin Yesilyurt 02/20/2024



#50

Toluene-d8

Concen: 100.669 ug/l

RT: 10.197 min Scan# 1374

Delta R.T. 0.006 min

Lab File: VY017403.D

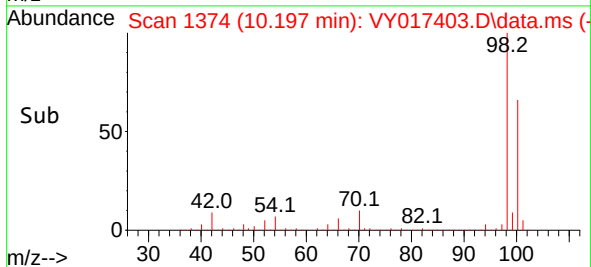
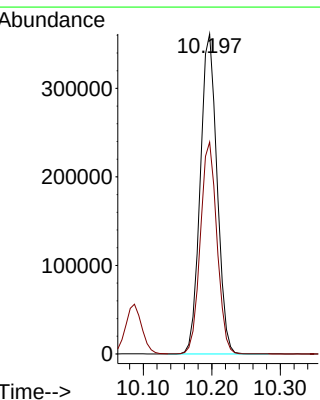
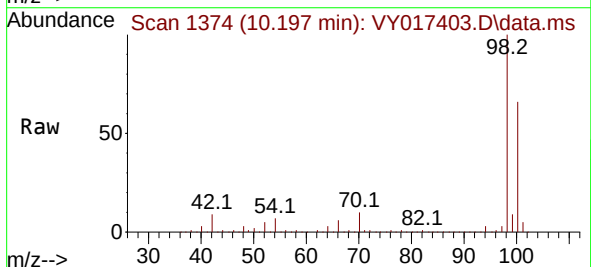
Acq: 19 Feb 2024 11:00

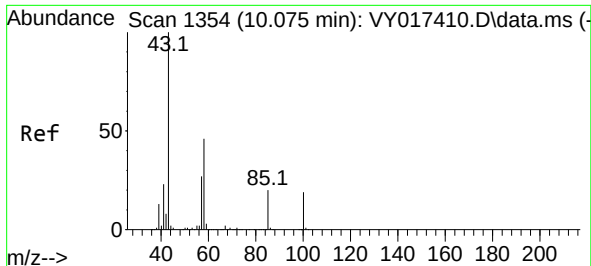
Tgt Ion: 98 Resp: 613403

Ion Ratio Lower Upper

98 100

100 65.7 52.4 78.6





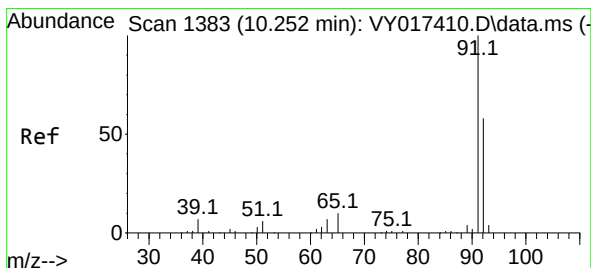
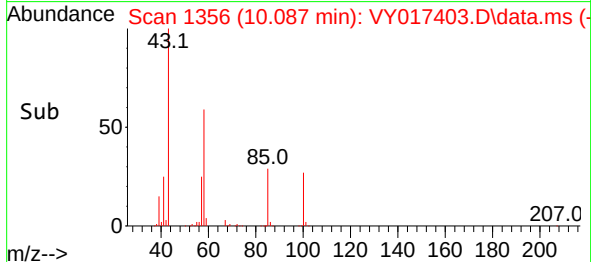
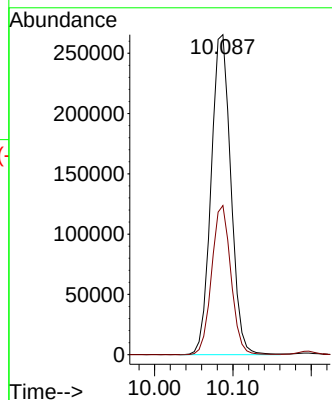
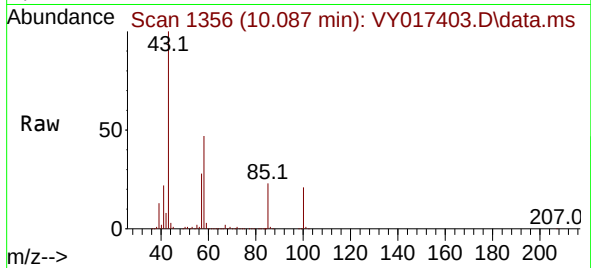
#51
4-Methyl-2-Pentanone
Concen: 410.792 ug/l
RT: 10.087 min Scan# 1356
Delta R.T. 0.006 min
Lab File: VY017403.D
Acq: 19 Feb 2024 11:00

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion: 43 Resp: 46402
Ion Ratio Lower Upper
43 100
58 45.6 32.2 48.2

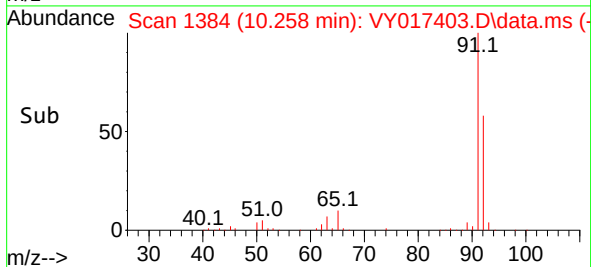
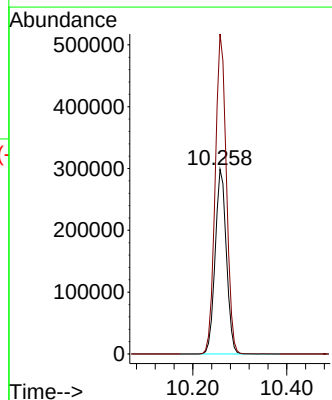
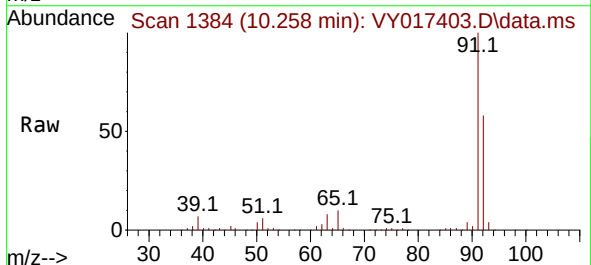
Manual Integrations
APPROVED

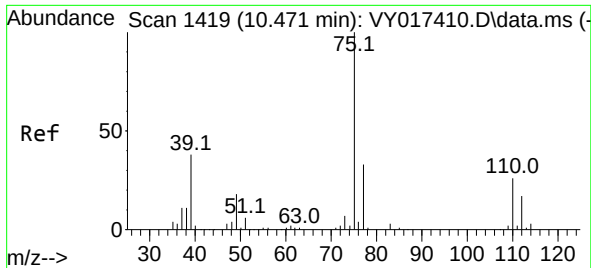
Reviewed By :Mahesh Dadoda 02/20/2024
Supervised By :Semsettin Yesilyurt 02/20/2024



#52
Toluene
Concen: 106.780 ug/l
RT: 10.258 min Scan# 1384
Delta R.T. 0.006 min
Lab File: VY017403.D
Acq: 19 Feb 2024 11:00

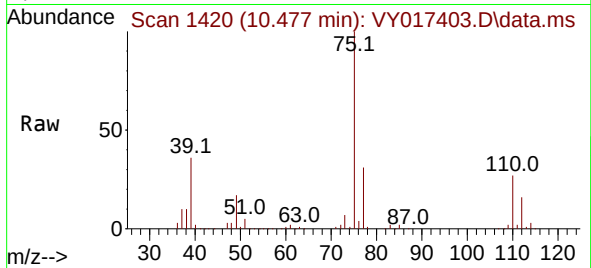
Tgt Ion: 92 Resp: 492063
Ion Ratio Lower Upper
92 100
91 173.0 138.2 207.2





#53
t-1,3-Dichloropropene
Concen: 100.460 ug/l
RT: 10.477 min Scan# 1419
Delta R.T. 0.006 min
Lab File: VY017403.D
Acq: 19 Feb 2024 11:00

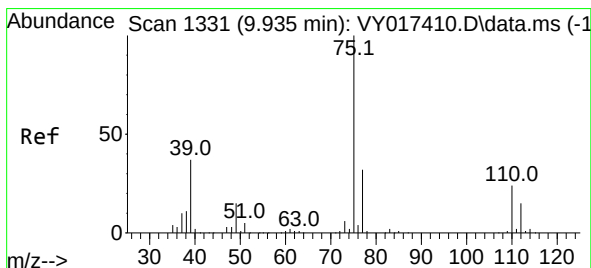
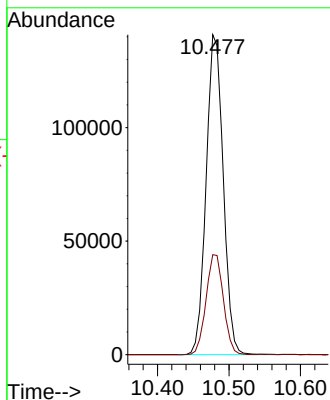
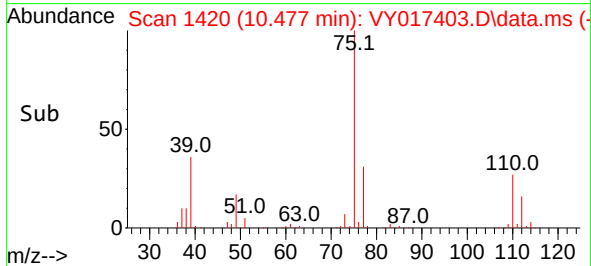
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100



Tgt Ion: 75 Resp: 234054
Ion Ratio Lower Upper
75 100
77 31.3 26.2 39.2

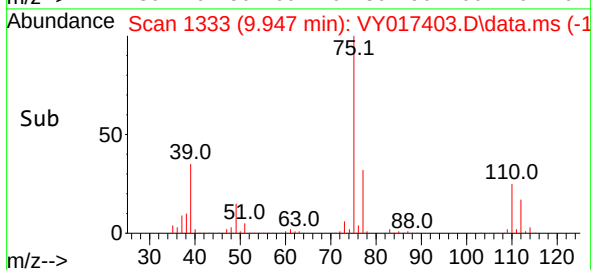
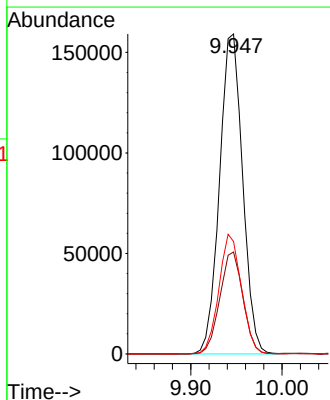
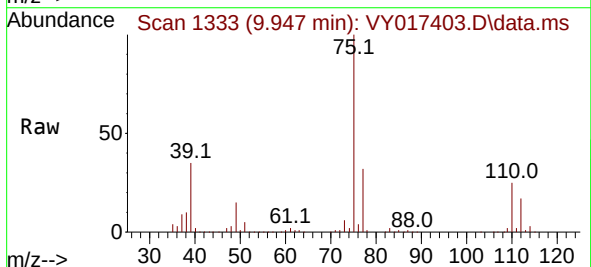
Manual Integrations
APPROVED

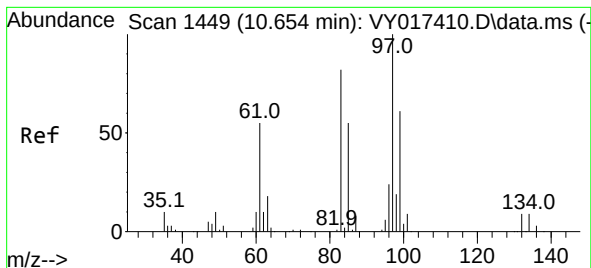
Reviewed By :Mahesh Dadoda 02/20/2024
Supervised By :Semsettin Yesilyurt 02/20/2024



#54
cis-1,3-Dichloropropene
Concen: 98.601 ug/l
RT: 9.947 min Scan# 1333
Delta R.T. 0.012 min
Lab File: VY017403.D
Acq: 19 Feb 2024 11:00

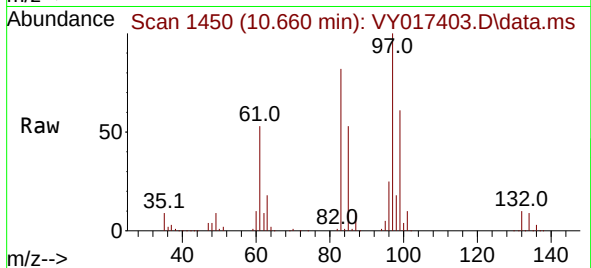
Tgt Ion: 75 Resp: 279849
Ion Ratio Lower Upper
75 100
77 31.8 25.6 38.4
39 35.2 35.8 53.6#





#55
1,1,2-Trichloroethane
Concen: 103.241 ug/l
RT: 10.660 min Scan# 1449
Delta R.T. 0.006 min
Lab File: VY017403.D
Acq: 19 Feb 2024 11:00

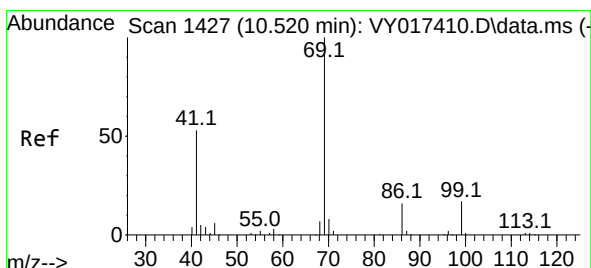
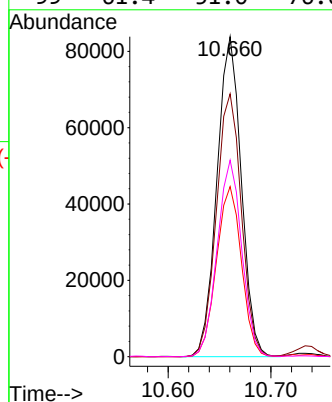
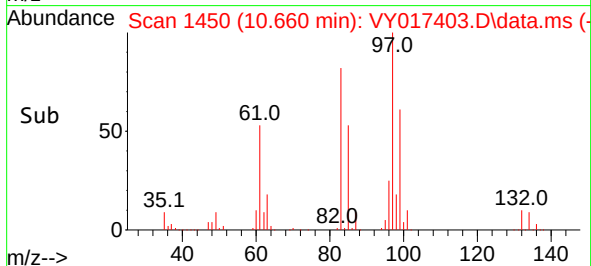
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100



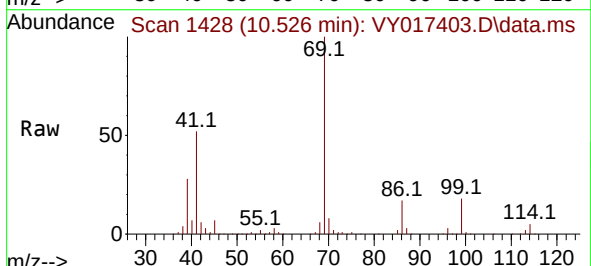
Tgt Ion: 97 Resp: 138085
Ion Ratio Lower Upper
97 100
83 82.1 69.4 104.0
85 53.1 45.0 67.4
99 61.4 51.0 76.6

Manual Integrations
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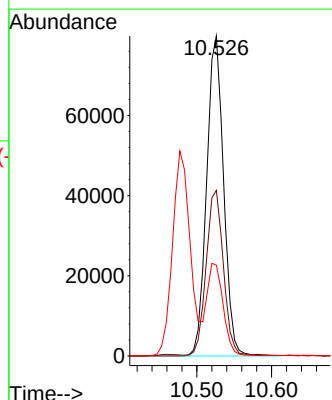
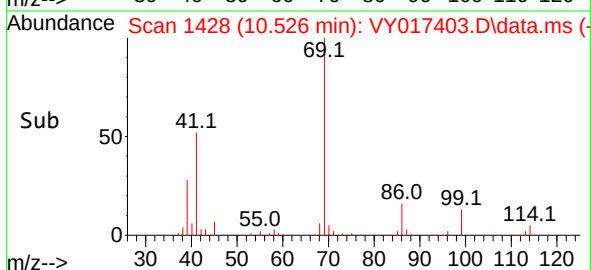
Reviewed By :Mahesh Dadoda 02/20/2024
Supervised By :Semsettin Yesilyurt 02/20/2024

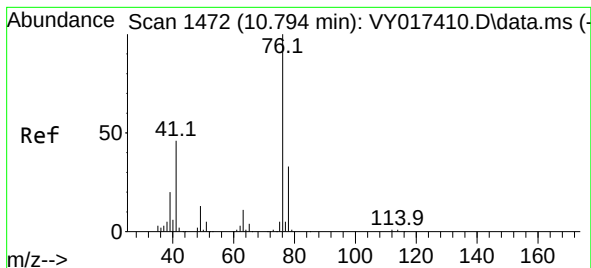


#56
Ethyl methacrylate
Concen: 91.387 ug/l
RT: 10.526 min Scan# 1428
Delta R.T. 0.006 min
Lab File: VY017403.D
Acq: 19 Feb 2024 11:00



Tgt Ion: 69 Resp: 125805
Ion Ratio Lower Upper
69 100
41 52.3 49.9 74.9
39 26.6 27.9 41.9





#57

1,3-Dichloropropane

Concen: 96.952 ug/l

RT: 10.807 min Scan# 1472

Delta R.T. 0.006 min

Lab File: VY017403.D

Acq: 19 Feb 2024 11:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

Tgt Ion: 76 Resp: 225028

Ion Ratio Lower Upper

76 100

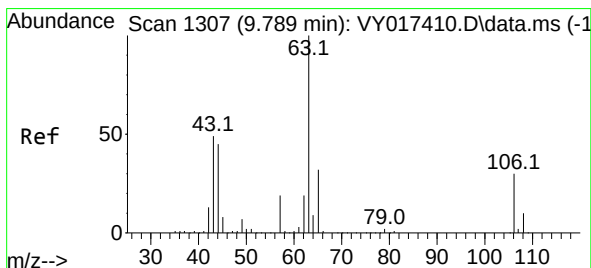
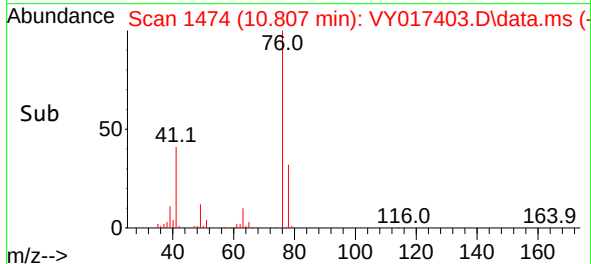
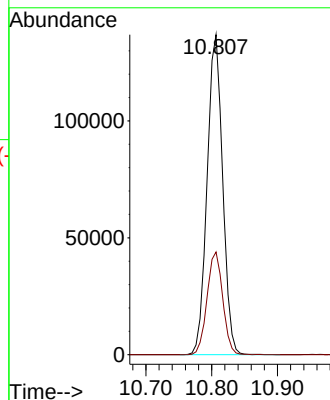
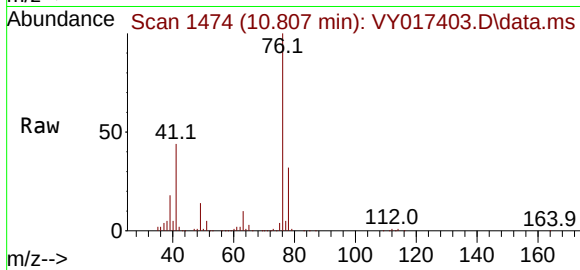
78 32.4 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/20/2024

Supervised By :Semsettin Yesilyurt 02/20/2024



#58

2-Chloroethyl Vinyl ether

Concen: 506.948 ug/l

RT: 9.794 min Scan# 1308

Delta R.T. 0.006 min

Lab File: VY017403.D

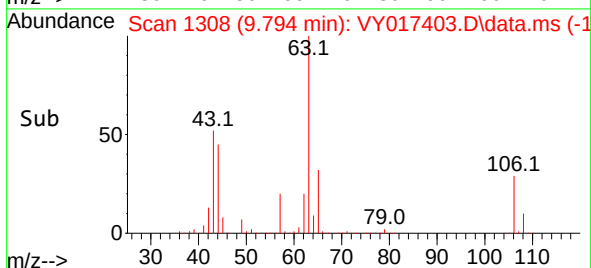
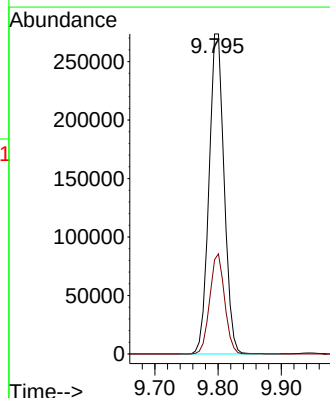
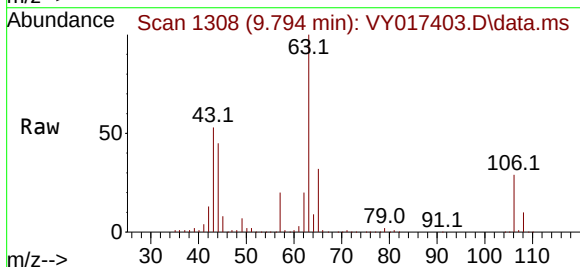
Acq: 19 Feb 2024 11:00

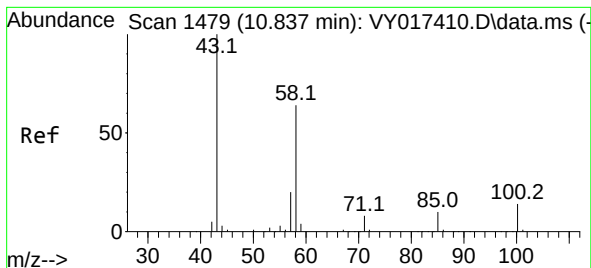
Tgt Ion: 63 Resp: 455688

Ion Ratio Lower Upper

63 100

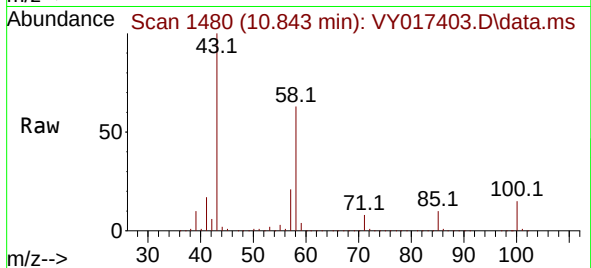
106 30.7 21.9 32.9





#59
2-Hexanone
Concen: 410.186 ug/l
RT: 10.843 min Scan# 1479
Delta R.T. 0.006 min
Lab File: VY017403.D
Acq: 19 Feb 2024 11:00

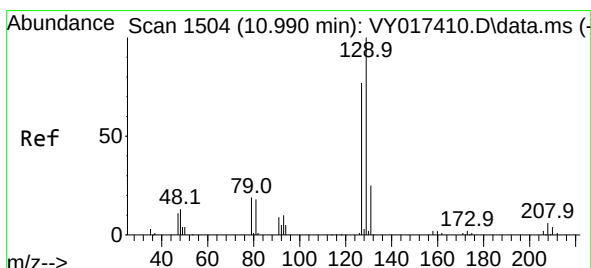
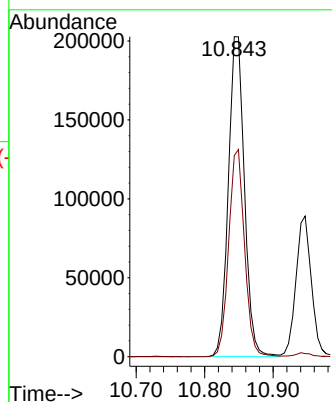
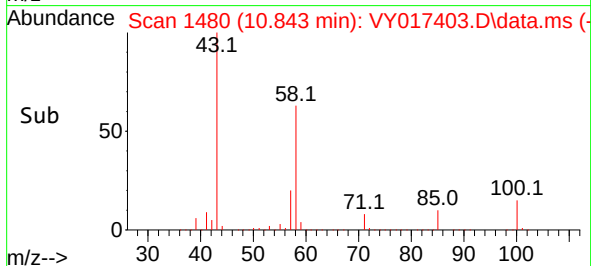
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100



Tgt Ion: 43 Resp: 32983
Ion Ratio Lower Upper
43 100
58 63.7 28.0 83.9

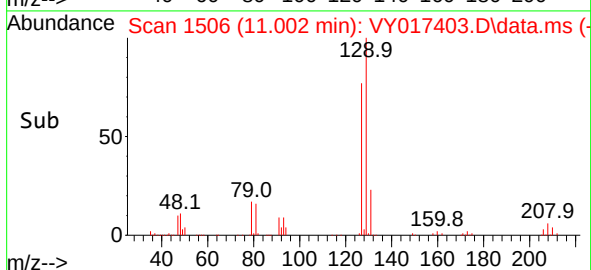
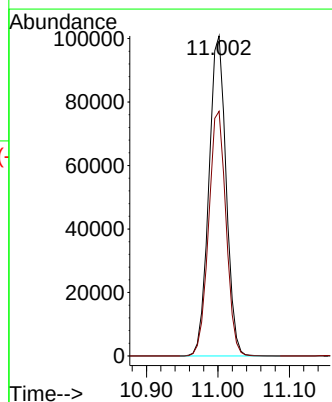
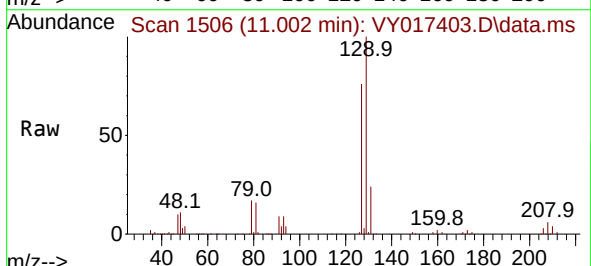
Manual Integrations
APPROVED

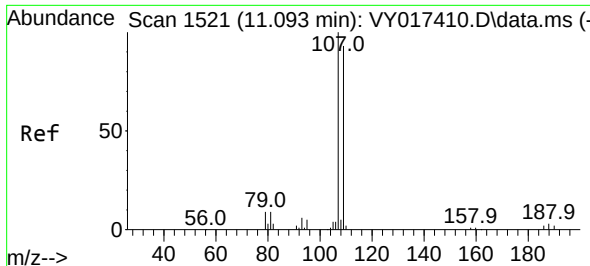
Reviewed By :Mahesh Dadoda 02/20/2024
Supervised By :Semsettin Yesilyurt 02/20/2024



#60
Dibromochloromethane
Concen: 109.493 ug/l
RT: 11.002 min Scan# 1506
Delta R.T. 0.006 min
Lab File: VY017403.D
Acq: 19 Feb 2024 11:00

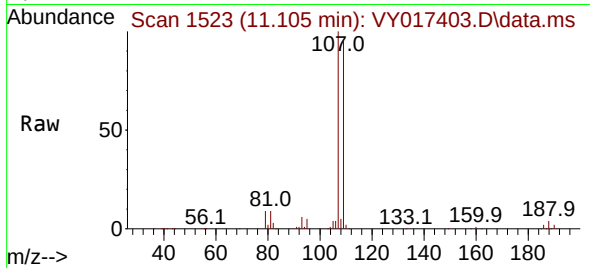
Tgt Ion:129 Resp: 168854
Ion Ratio Lower Upper
129 100
127 76.9 38.6 116.0





#61
1,2-Dibromoethane
Concen: 103.985 ug/l
RT: 11.105 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017403.D
Acq: 19 Feb 2024 11:00

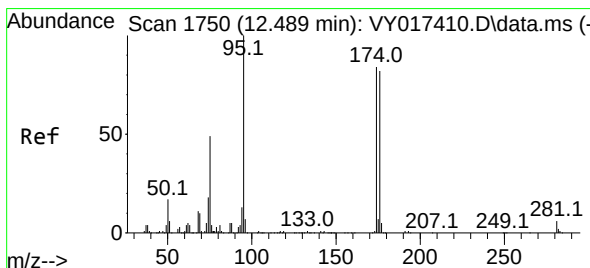
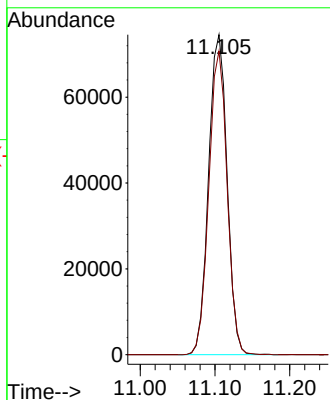
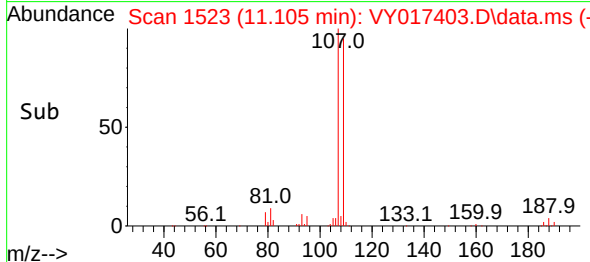
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100



Tgt Ion:107 Resp: 128050
Ion Ratio Lower Upper
107 100
109 94.1 74.0 111.0

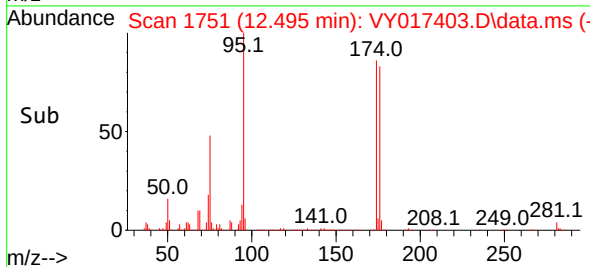
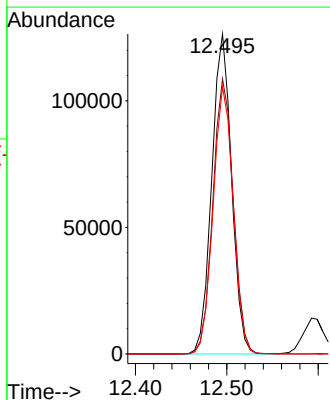
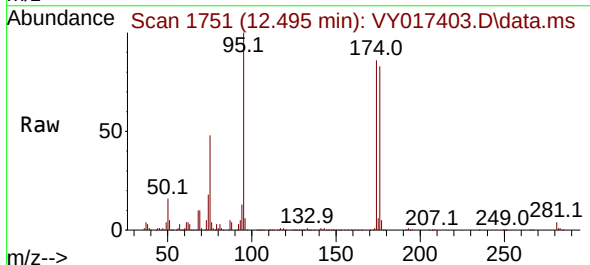
Manual Integrations
APPROVED

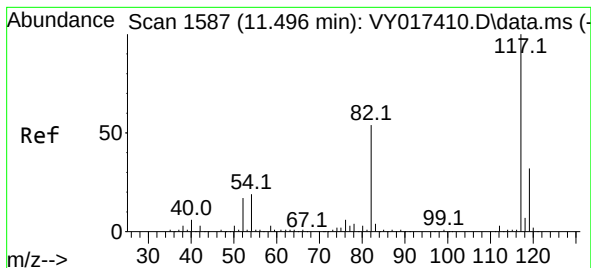
Reviewed By :Mahesh Dadoda 02/20/2024
Supervised By :Semsettin Yesilyurt 02/20/2024



#62
4-Bromofluorobenzene
Concen: 102.131 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY017403.D
Acq: 19 Feb 2024 11:00

Tgt Ion: 95 Resp: 190622
Ion Ratio Lower Upper
95 100
174 88.7 0.0 152.6
176 85.0 0.0 145.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.508 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY017403.D

Acq: 19 Feb 2024 11:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

Tgt Ion:117 Resp: 22224

Ion Ratio Lower Upper

117 100

82 50.6 43.0 64.4

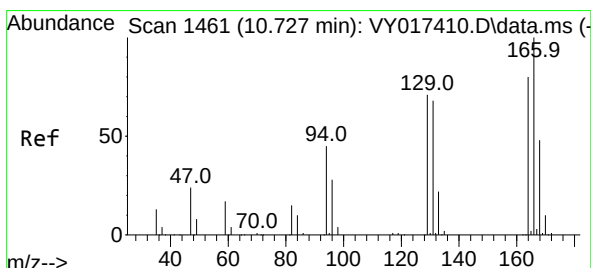
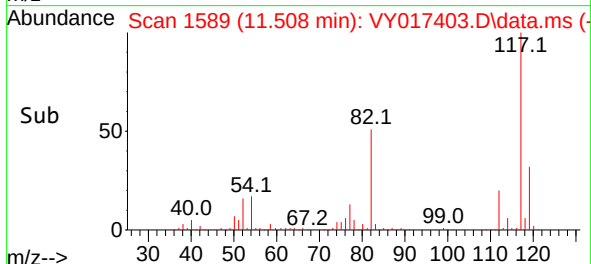
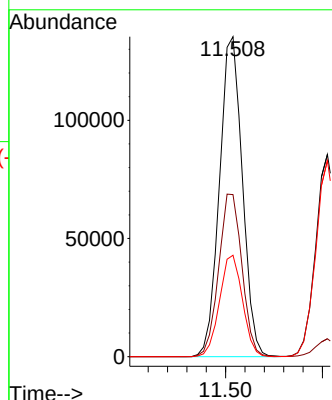
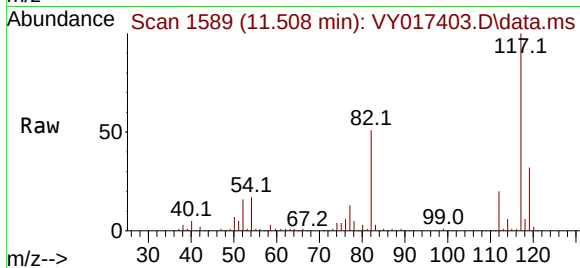
119 31.7 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/20/2024

Supervised By :Semsettin Yesilyurt 02/20/2024



#64

Tetrachloroethene

Concen: 111.987 ug/l

RT: 10.733 min Scan# 1462

Delta R.T. 0.006 min

Lab File: VY017403.D

Acq: 19 Feb 2024 11:00

Tgt Ion:164 Resp: 184822

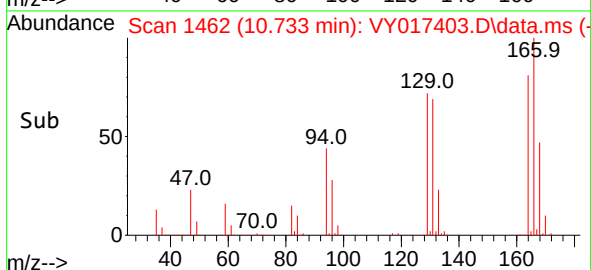
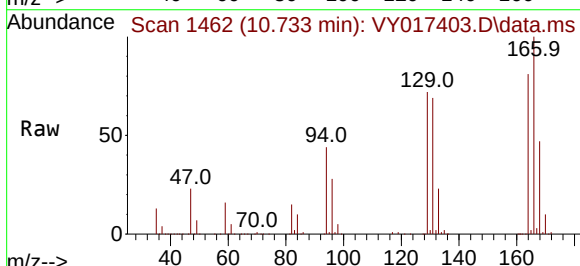
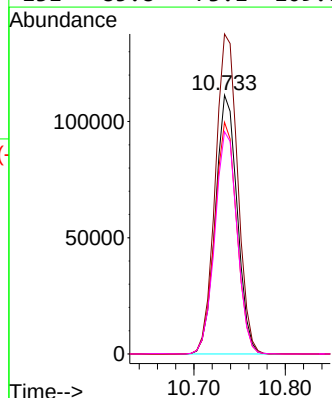
Ion Ratio Lower Upper

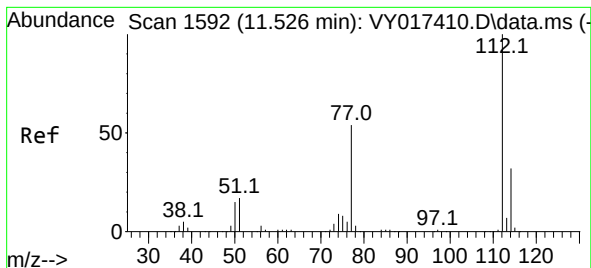
164 100

166 123.6 97.8 146.8

129 89.5 79.0 118.6

131 85.8 73.1 109.7





#65

Chlorobenzene

Concen: 104.532 ug/l

RT: 11.532 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY017403.D

Acq: 19 Feb 2024 11:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

Tgt Ion:112 Resp: 50411

Ion Ratio Lower Upper

112 100

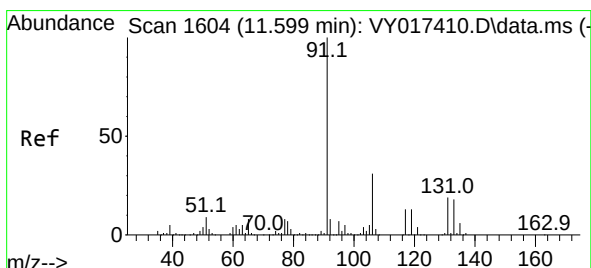
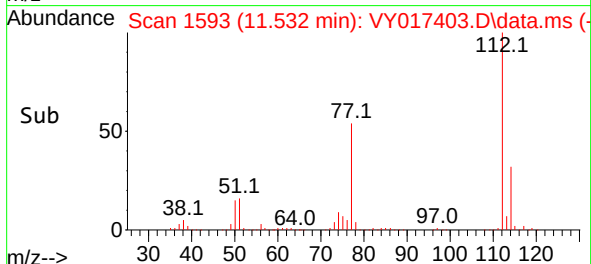
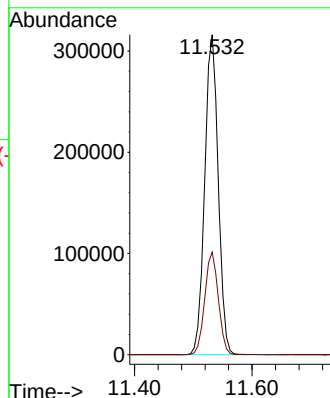
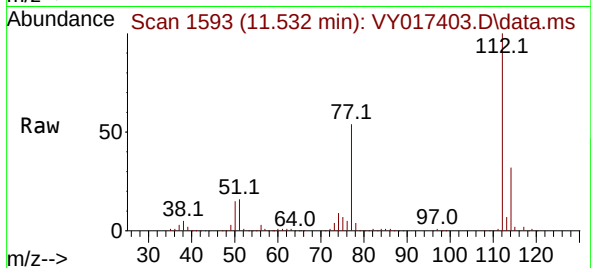
114 32.1 25.2 37.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/20/2024

Supervised By :Semsettin Yesilyurt 02/20/2024



#66

1,1,1,2-Tetrachloroethane

Concen: 110.074 ug/l

RT: 11.605 min Scan# 1605

Delta R.T. 0.006 min

Lab File: VY017403.D

Acq: 19 Feb 2024 11:00

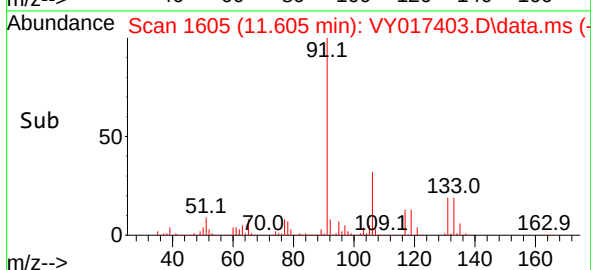
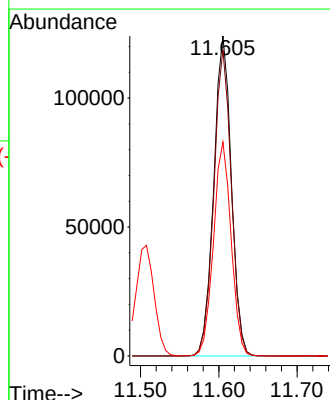
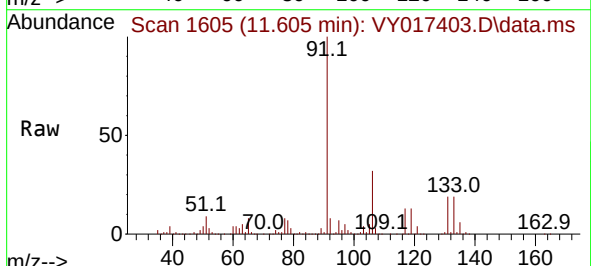
Tgt Ion:131 Resp: 193933

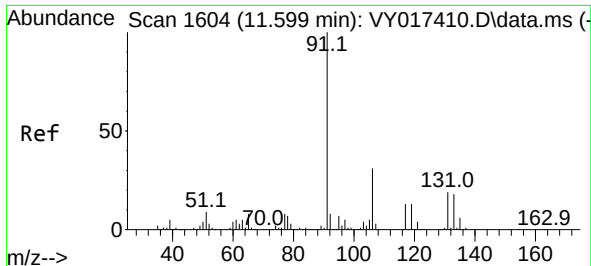
Ion Ratio Lower Upper

131 100

133 95.2 47.8 143.3

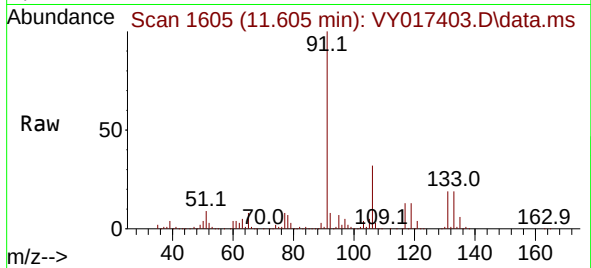
119 67.0 33.9 101.6





#67
Ethyl Benzene
Concen: 108.162 ug/l
RT: 11.605 min Scan# 1605
Delta R.T. 0.006 min
Lab File: VY017403.D
Acq: 19 Feb 2024 11:00

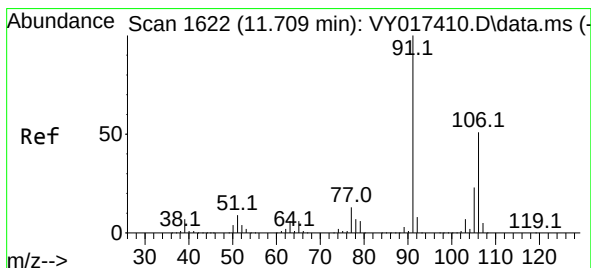
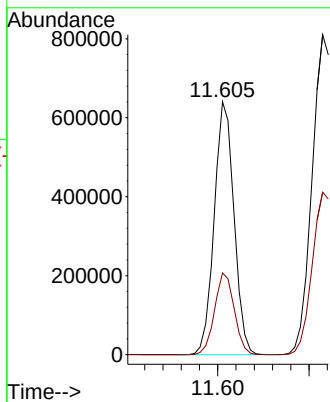
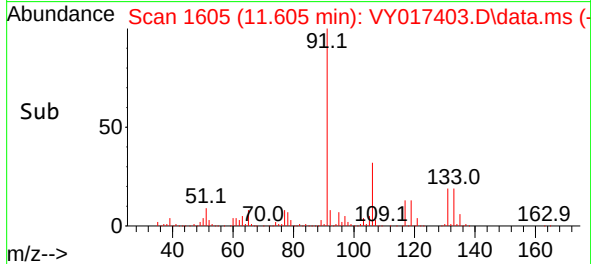
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100



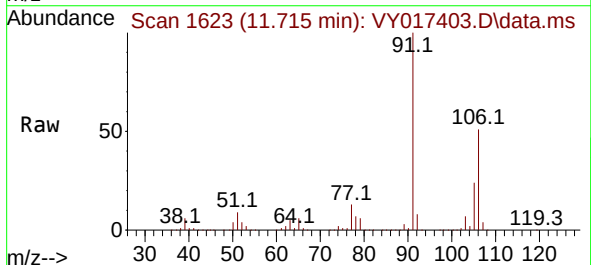
Tgt Ion: 91 Resp: 96344
Ion Ratio Lower Upper
91 100
106 32.3 24.3 36.5

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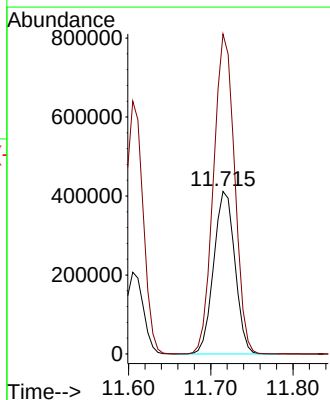
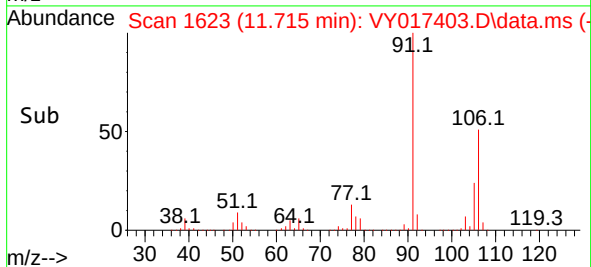
Reviewed By :Mahesh Dadoda 02/20/2024
Supervised By :Semsettin Yesilyurt 02/20/2024

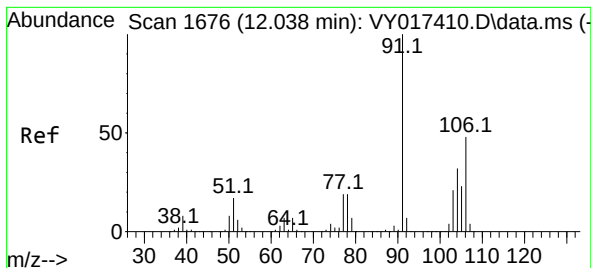


#68
m/p-Xylenes
Concen: 220.959 ug/l
RT: 11.715 min Scan# 1623
Delta R.T. 0.006 min
Lab File: VY017403.D
Acq: 19 Feb 2024 11:00



Tgt Ion:106 Resp: 737607
Ion Ratio Lower Upper
106 100
91 195.9 162.1 243.1





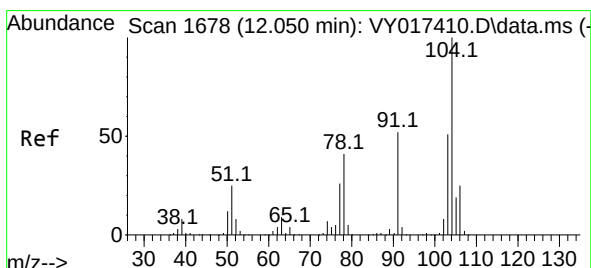
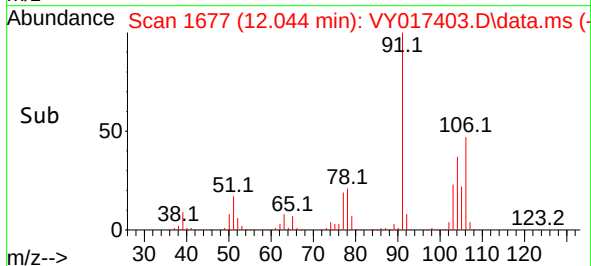
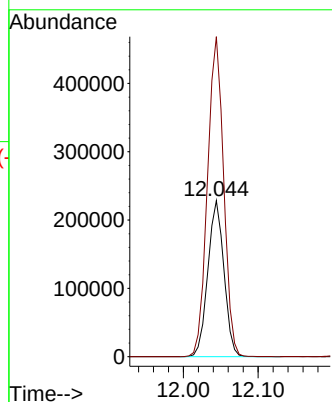
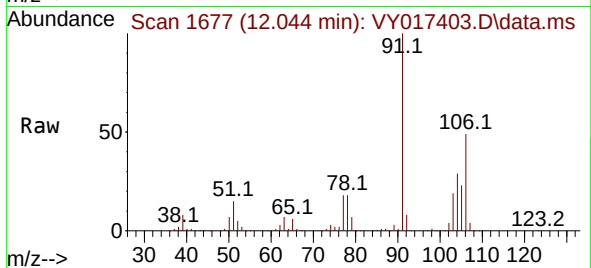
#69
o-Xylene
Concen: 111.356 ug/l
RT: 12.044 min Scan# 1676
Delta R.T. 0.006 min
Lab File: VY017403.D
Acq: 19 Feb 2024 11:00

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion:106 Resp: 341228
Ion Ratio Lower Upper
106 100
91 206.4 108.3 324.8

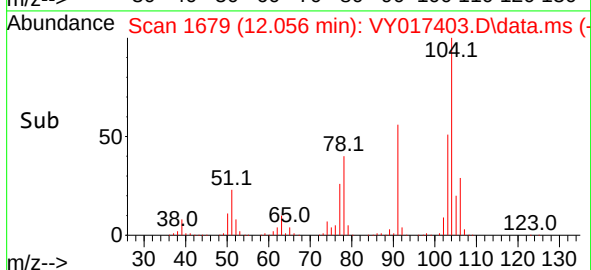
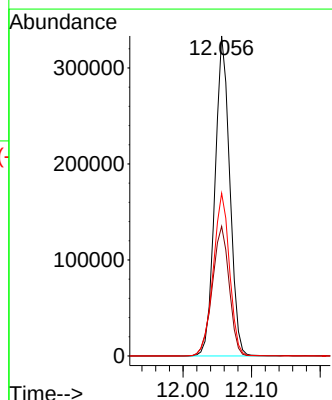
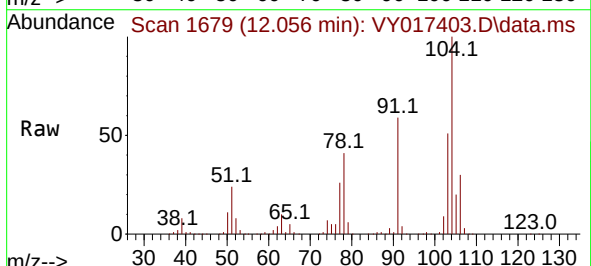
Manual Integrations
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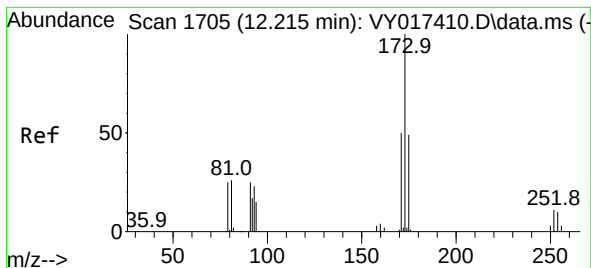
Reviewed By :Mahesh Dadoda 02/20/2024
Supervised By :Semsettin Yesilyurt 02/20/2024



#70
Styrene
Concen: 106.315 ug/l
RT: 12.056 min Scan# 1679
Delta R.T. 0.006 min
Lab File: VY017403.D
Acq: 19 Feb 2024 11:00

Tgt Ion:104 Resp: 499667
Ion Ratio Lower Upper
104 100
78 46.0 39.3 58.9
103 55.8 44.3 66.5





#71

Bromoform

Concen: 116.488 ug/l

RT: 12.221 min Scan# 1705

Delta R.T. 0.006 min

Lab File: VY017403.D

Acq: 19 Feb 2024 11:00

Instrument :

MSVOA_Y

ClientSampleId :

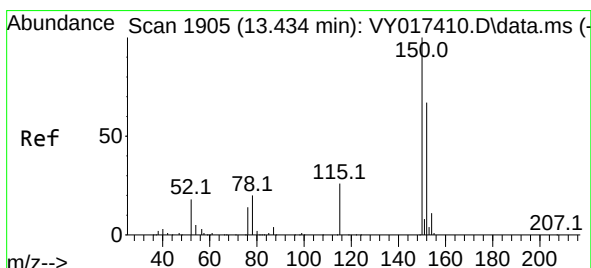
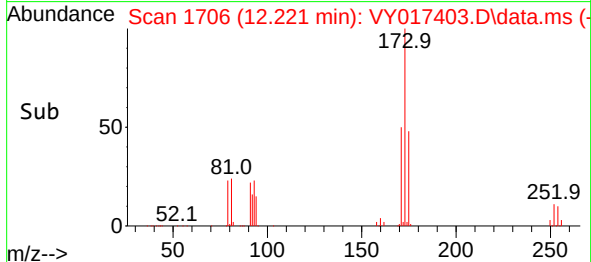
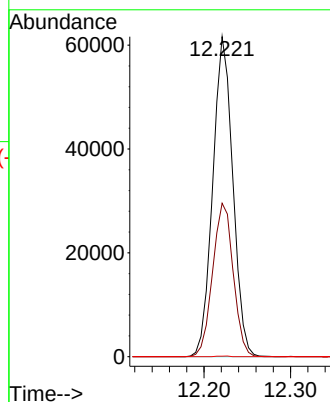
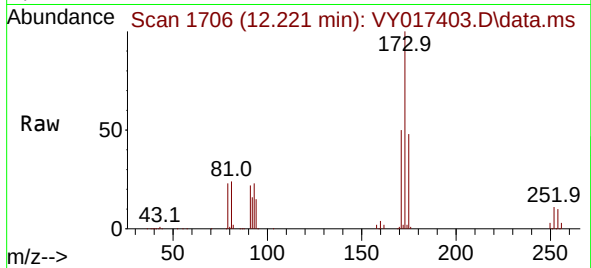
VSTDICC100

Tgt Ion:	173	Resp:	99228
Ion Ratio	Lower	Upper	
173	100		
175	49.2	24.1	72.3
254	0.1	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/20/2024
Supervised By :Semsettin Yesilyurt 02/20/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

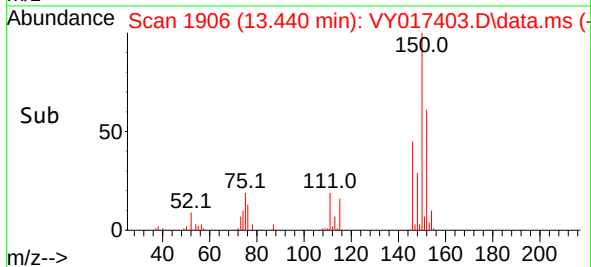
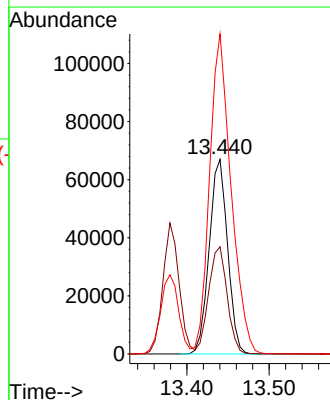
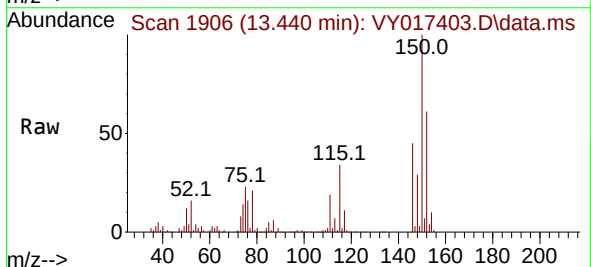
RT: 13.440 min Scan# 1906

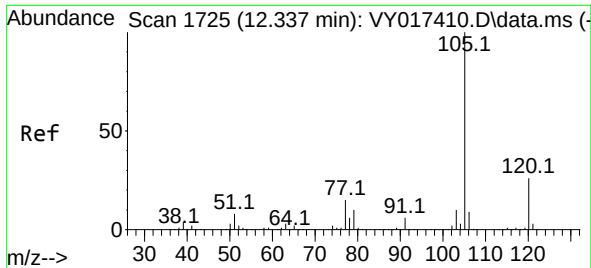
Delta R.T. 0.006 min

Lab File: VY017403.D

Acq: 19 Feb 2024 11:00

Tgt Ion:	152	Resp:	104002
Ion Ratio	Lower	Upper	
152	100		
115	55.7	30.0	90.1
150	191.9	0.0	349.8





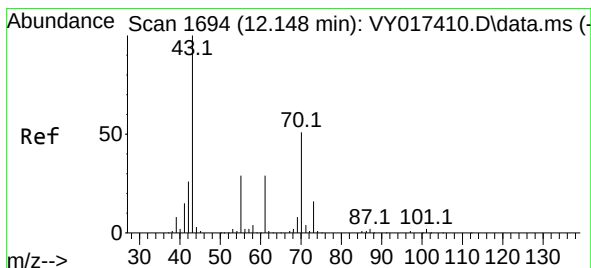
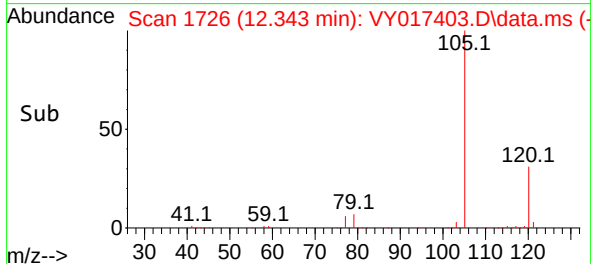
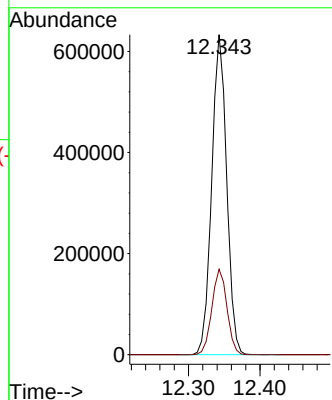
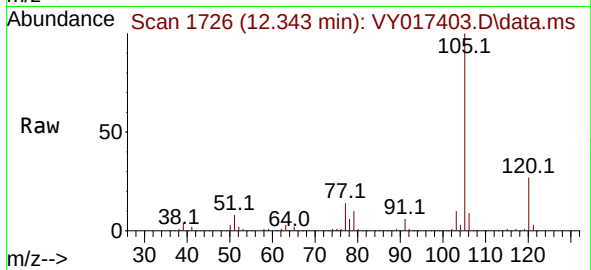
#73
Isopropylbenzene
Concen: 105.250 ug/l
RT: 12.343 min Scan# 1725
Delta R.T. 0.006 min
Lab File: VY017403.D
Acq: 19 Feb 2024 11:00

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion:105 Resp: 917384
Ion Ratio Lower Upper
105 100
120 26.9 13.0 39.0

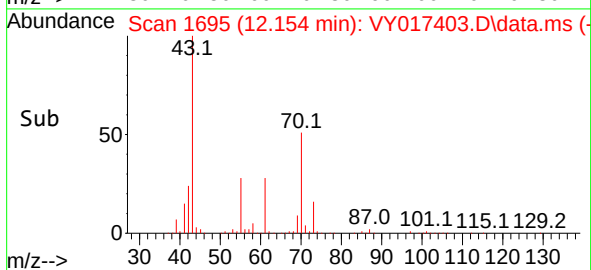
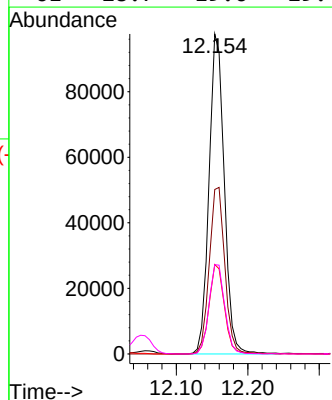
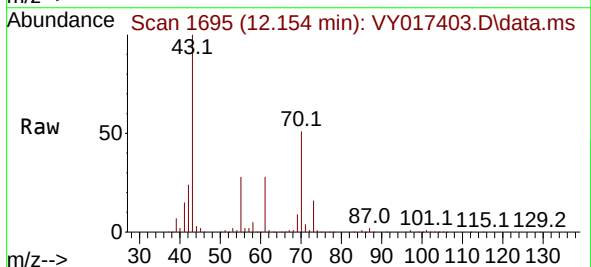
Manual Integrations
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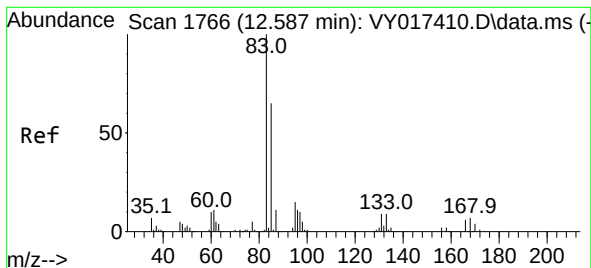
Reviewed By :Mahesh Dadoda 02/20/2024
Supervised By :Semsettin Yesilyurt 02/20/2024



#74
N-ethyl acetate
Concen: 77.638 ug/l
RT: 12.154 min Scan# 1695
Delta R.T. -0.000 min
Lab File: VY017403.D
Acq: 19 Feb 2024 11:00

Tgt Ion: 43 Resp: 144538
Ion Ratio Lower Upper
43 100
70 53.1 34.8 52.2#
55 28.2 21.2 31.8
61 28.7 19.6 29.4





#75

1,1,2,2-Tetrachloroethane

Concen: 91.765 ug/l

RT: 12.593 min Scan# 1767

Delta R.T. 0.006 min

Lab File: VY017403.D

Acq: 19 Feb 2024 11:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

Tgt Ion: 83 Resp: 15057

Ion Ratio Lower Upper

83 100

131 9.9 4.5 13.7

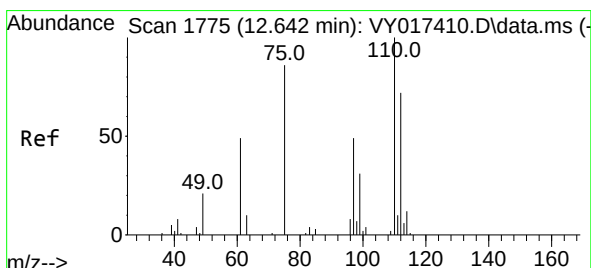
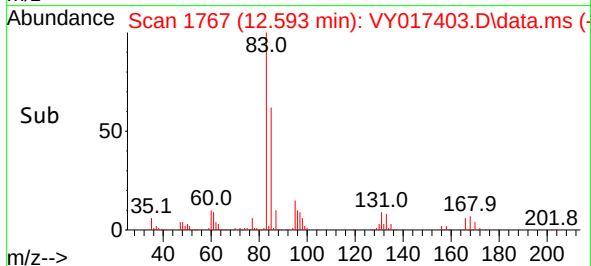
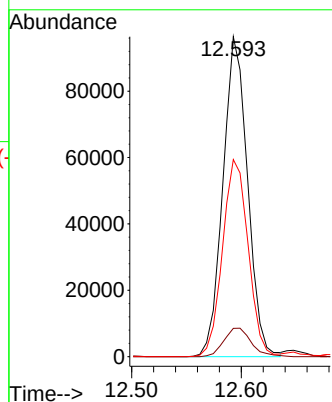
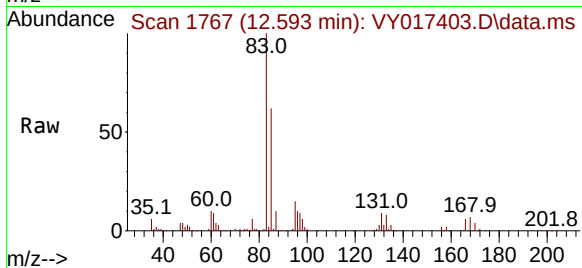
85 64.2 32.0 96.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/20/2024

Supervised By :Semsettin Yesilyurt 02/20/2024



#76

1,2,3-Trichloropropane

Concen: 85.939 ug/l m

RT: 12.648 min Scan# 1776

Delta R.T. 0.006 min

Lab File: VY017403.D

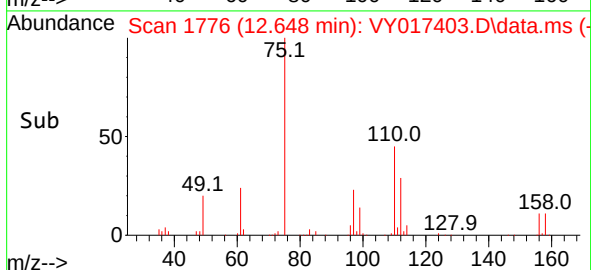
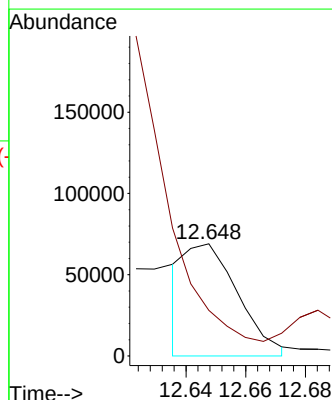
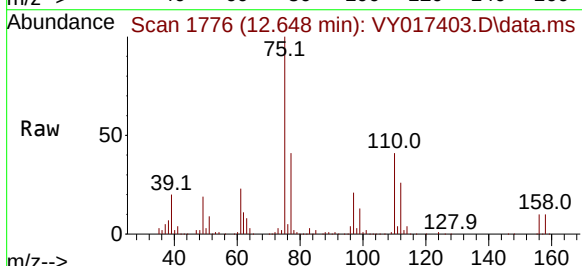
Acq: 19 Feb 2024 11:00

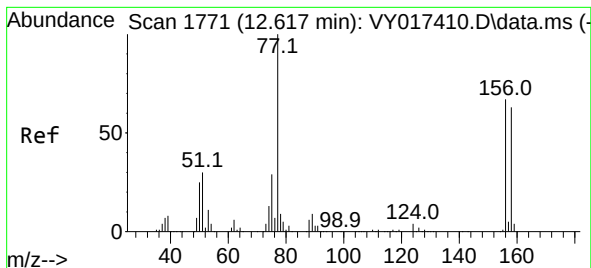
Tgt Ion: 75 Resp: 85660

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 108.240 ug/l

RT: 12.623 min Scan# 1772

Delta R.T. 0.006 min

Lab File: VY017403.D

Acq: 19 Feb 2024 11:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

Tgt Ion:156 Resp: 202569

Ion Ratio Lower Upper

156 100

77 169.7 101.3 303.9

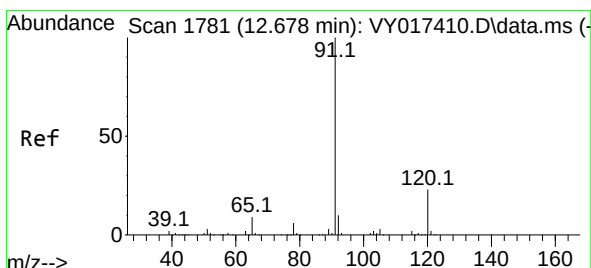
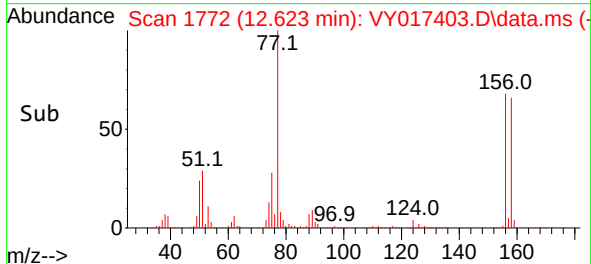
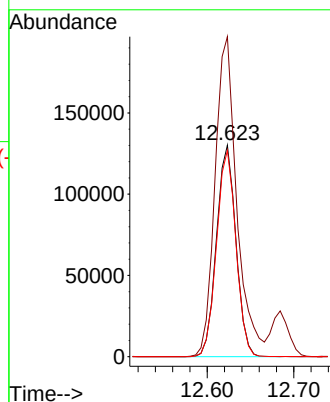
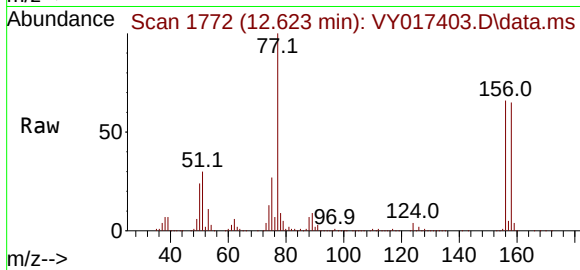
158 97.5 48.8 146.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/20/2024

Supervised By :Semsettin Yesilyurt 02/20/2024



#78

n-propylbenzene

Concen: 98.998 ug/l

RT: 12.684 min Scan# 1782

Delta R.T. 0.006 min

Lab File: VY017403.D

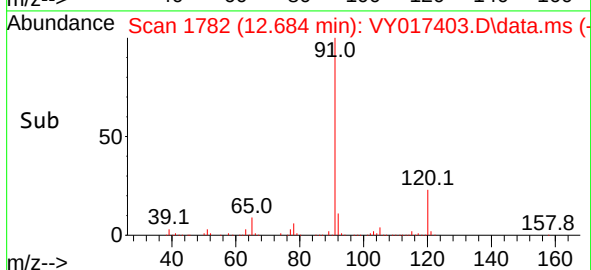
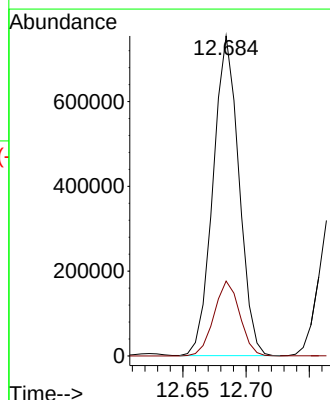
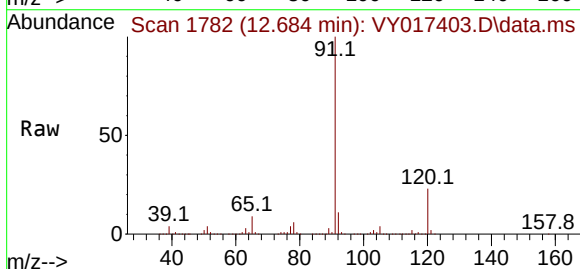
Acq: 19 Feb 2024 11:00

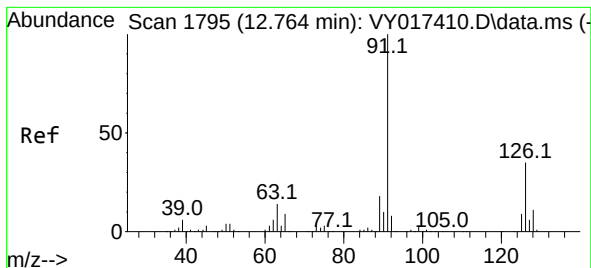
Tgt Ion: 91 Resp: 1072171

Ion Ratio Lower Upper

91 100

120 23.3 10.8 32.4





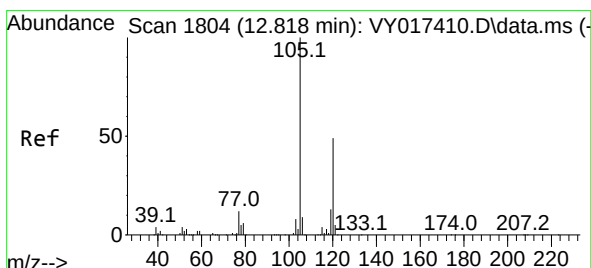
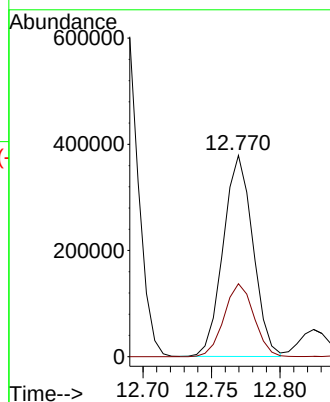
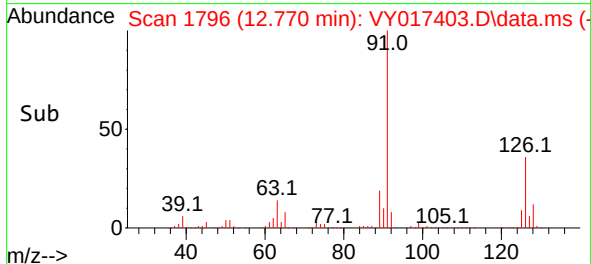
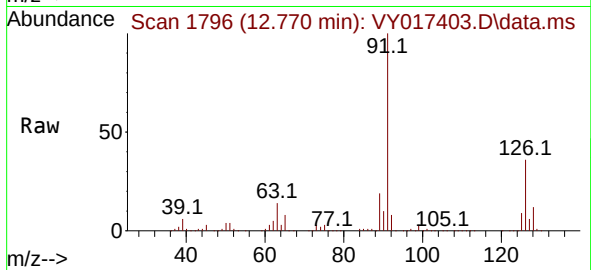
#79
2-Chlorotoluene
Concen: 95.581 ug/l
RT: 12.770 min Scan# 1795
Delta R.T. 0.006 min
Lab File: VY017403.D
Acq: 19 Feb 2024 11:00

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion: 91 Resp: 57247
Ion Ratio Lower Upper
91 100
126 36.4 16.7 50.0

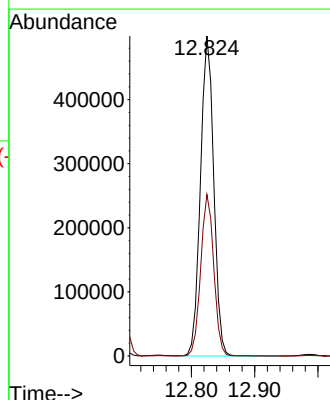
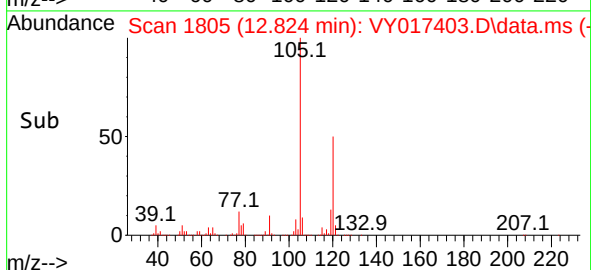
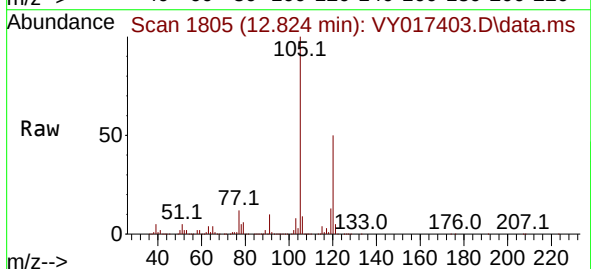
Manual Integrations
APPROVED

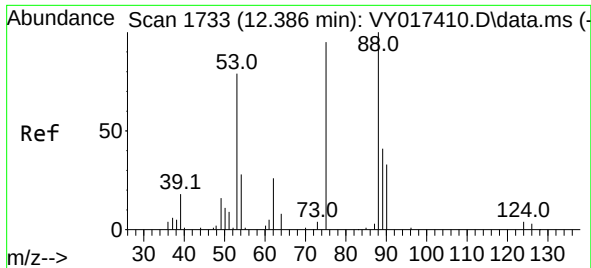
Reviewed By :Mahesh Dadoda 02/20/2024
Supervised By :Semsettin Yesilyurt 02/20/2024



#80
1,3,5-Trimethylbenzene
Concen: 104.944 ug/l
RT: 12.824 min Scan# 1805
Delta R.T. 0.006 min
Lab File: VY017403.D
Acq: 19 Feb 2024 11:00

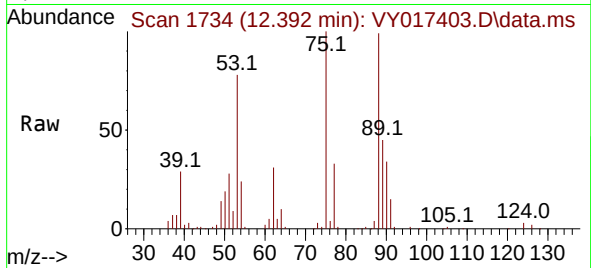
Tgt Ion:105 Resp: 729990
Ion Ratio Lower Upper
105 100
120 49.8 24.4 73.2





#81
trans-1,4-Dichloro-2-butene
Concen: 95.794 ug/l
RT: 12.392 min Scan# 1734
Delta R.T. 0.006 min
Lab File: VY017403.D
Acq: 19 Feb 2024 11:00

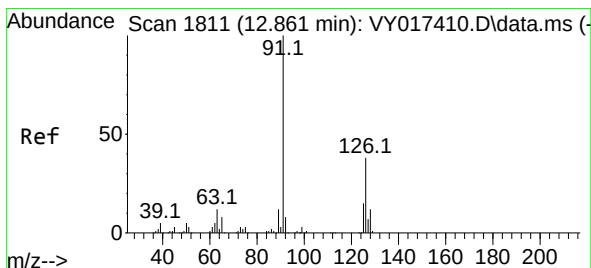
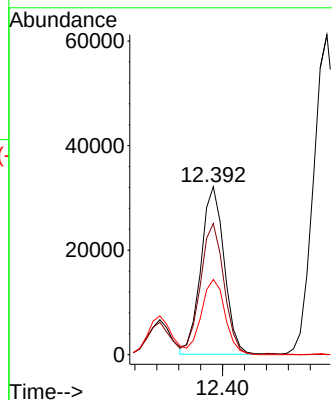
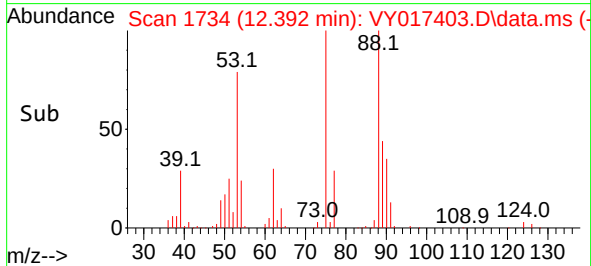
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100



Tgt Ion: 75 Resp: 47130
Ion Ratio Lower Upper
75 100
53 79.3 74.3 111.5
89 45.5 37.4 56.2

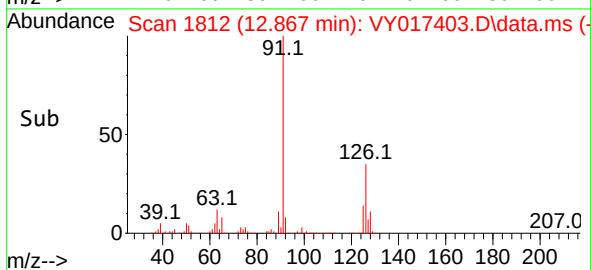
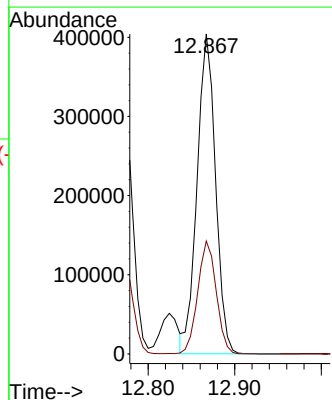
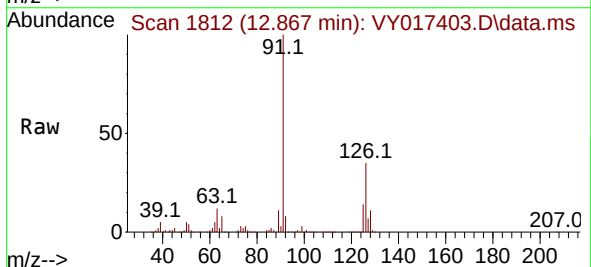
Manual Integrations
APPROVED

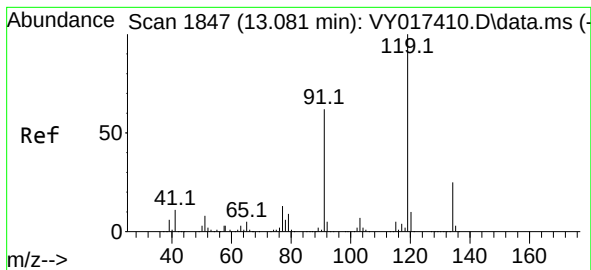
Reviewed By :Mahesh Dadoda 02/20/2024
Supervised By :Semsettin Yesilyurt 02/20/2024



#82
4-Chlorotoluene
Concen: 97.765 ug/l
RT: 12.867 min Scan# 1812
Delta R.T. 0.006 min
Lab File: VY017403.D
Acq: 19 Feb 2024 11:00

Tgt Ion: 91 Resp: 596941
Ion Ratio Lower Upper
91 100
126 35.6 17.1 51.3





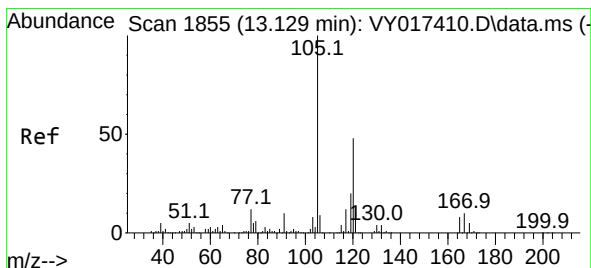
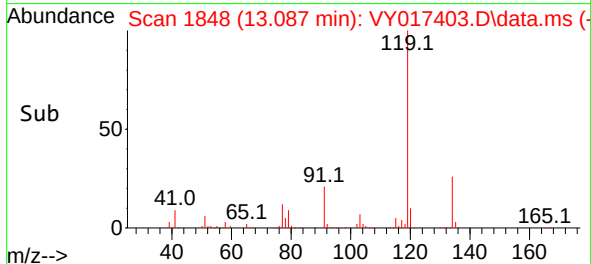
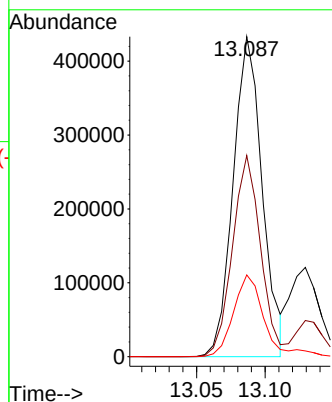
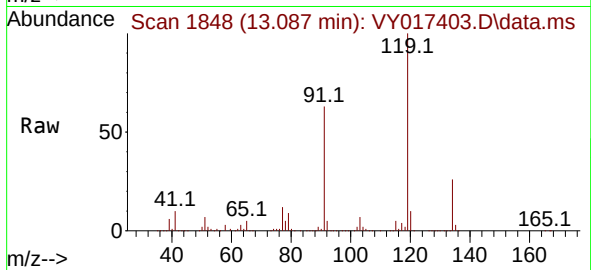
#83
tert-Butylbenzene
Concen: 107.233 ug/l
RT: 13.087 min Scan# 1847
Delta R.T. 0.006 min
Lab File: VY017403.D
Acq: 19 Feb 2024 11:00

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion:119 Resp: 64022
Ion Ratio Lower Upper
119 100
91 60.5 33.7 101.0
134 27.0 13.7 41.0

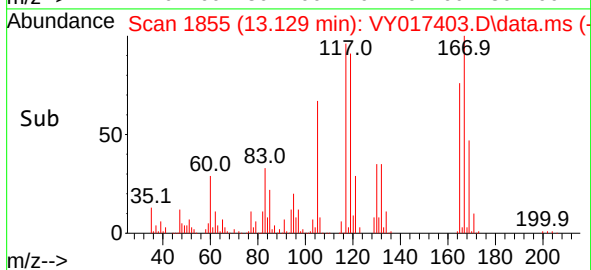
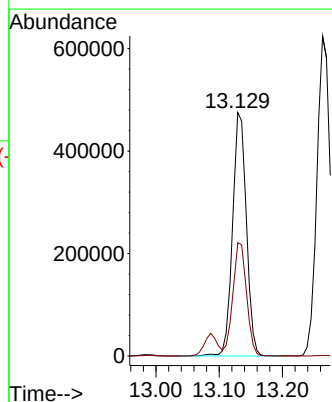
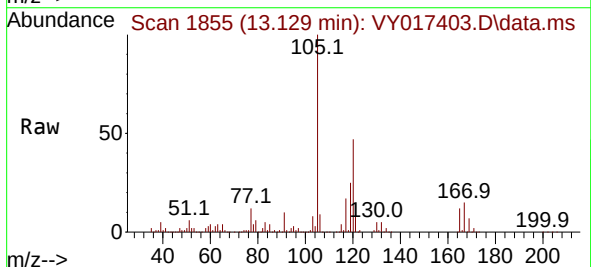
Manual Integrations
APPROVED

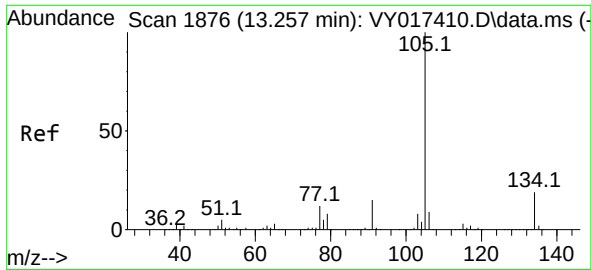
Reviewed By :Mahesh Dadoda 02/20/2024
Supervised By :Semsettin Yesilyurt 02/20/2024



#84
1,2,4-Trimethylbenzene
Concen: 105.313 ug/l
RT: 13.129 min Scan# 1855
Delta R.T. -0.000 min
Lab File: VY017403.D
Acq: 19 Feb 2024 11:00

Tgt Ion:105 Resp: 721121
Ion Ratio Lower Upper
105 100
120 46.1 22.7 68.0





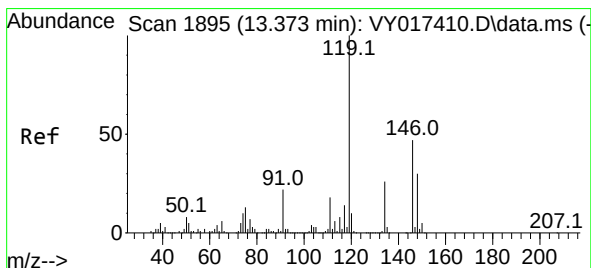
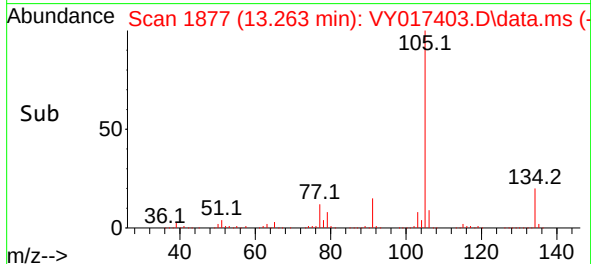
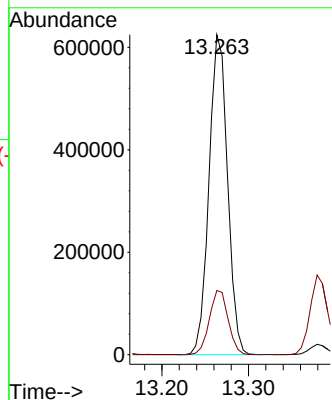
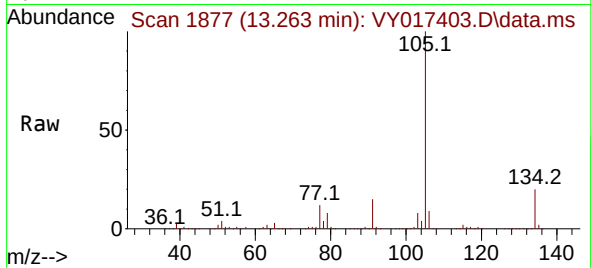
#85
 sec-Butylbenzene
 Concen: 101.594 ug/l
 RT: 13.263 min Scan# 1877
 Delta R.T. 0.006 min
 Lab File: VY017403.D
 Acq: 19 Feb 2024 11:00

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

Tgt Ion:105 Resp: 926930
 Ion Ratio Lower Upper
 105 100
 134 20.4 9.7 29.1

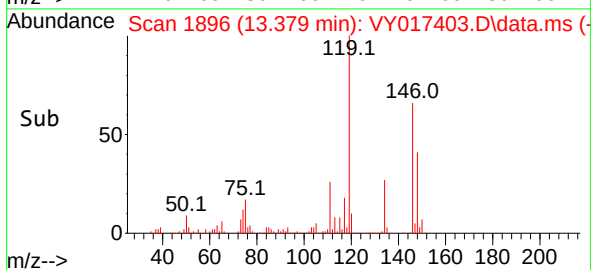
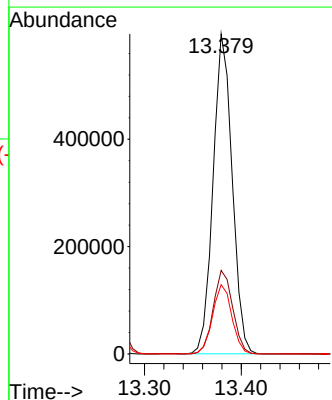
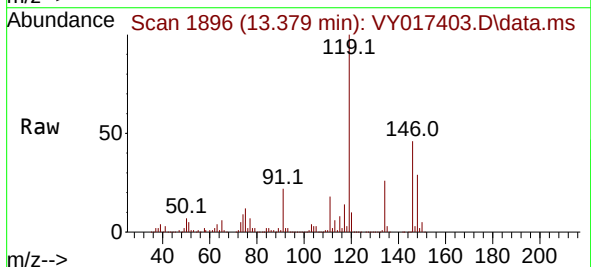
Manual Integrations
 APPROVED

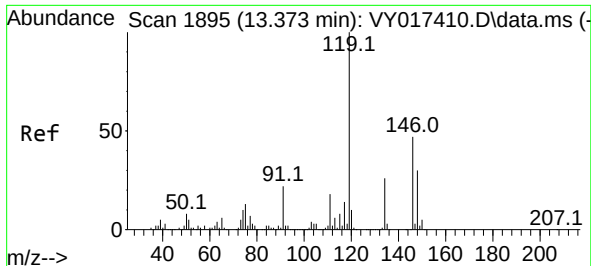
Reviewed By :Mahesh Dadoda 02/20/2024
 Supervised By :Semsettin Yesilyurt 02/20/2024



#86
 p-Isopropyltoluene
 Concen: 109.379 ug/l
 RT: 13.379 min Scan# 1896
 Delta R.T. 0.006 min
 Lab File: VY017403.D
 Acq: 19 Feb 2024 11:00

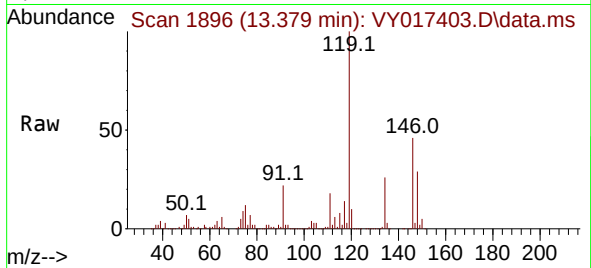
Tgt Ion:119 Resp: 815333
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.2 39.5
 91 21.8 11.9 35.7





#87
1,3-Dichlorobenzene
Concen: 108.575 ug/l
RT: 13.379 min Scan# 1895
Delta R.T. 0.006 min
Lab File: VY017403.D
Acq: 19 Feb 2024 11:00

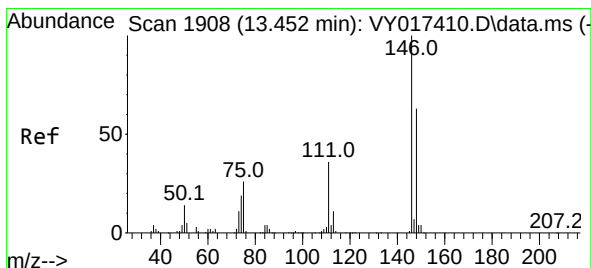
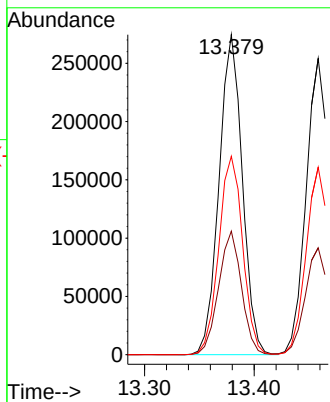
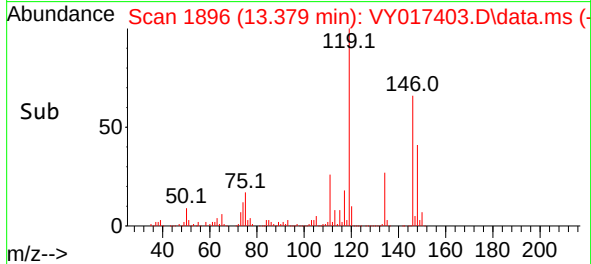
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100



Tgt Ion:146 Resp: 40576
Ion Ratio Lower Upper
146 100
111 38.0 20.0 60.0
148 63.6 31.9 95.9

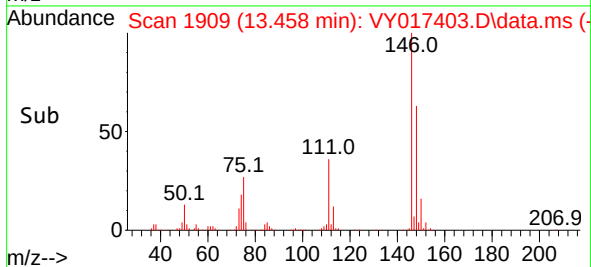
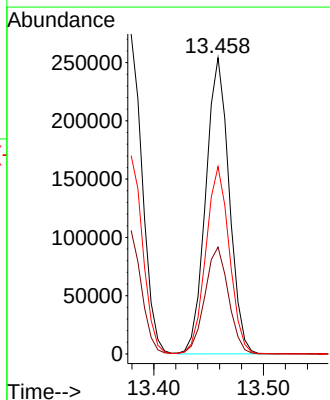
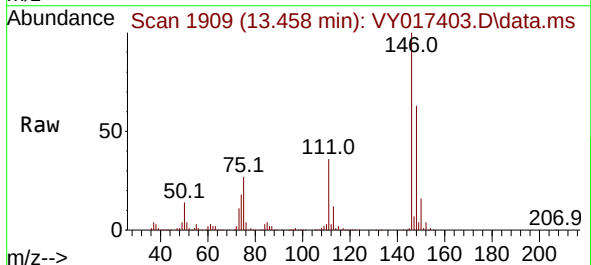
Manual Integrations
APPROVED

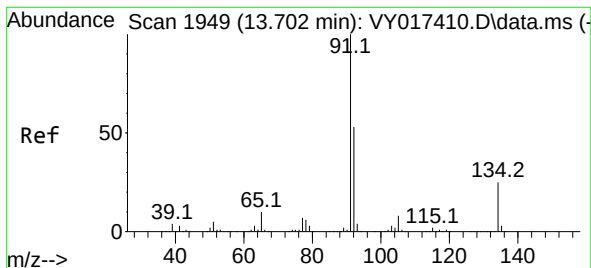
Reviewed By :Mahesh Dadoda 02/20/2024
Supervised By :Semsettin Yesilyurt 02/20/2024



#88
1,4-Dichlorobenzene
Concen: 103.148 ug/l
RT: 13.458 min Scan# 1909
Delta R.T. 0.006 min
Lab File: VY017403.D
Acq: 19 Feb 2024 11:00

Tgt Ion:146 Resp: 377043
Ion Ratio Lower Upper
146 100
111 36.5 19.8 59.3
148 63.7 31.9 95.5





#89

n-Butylbenzene

Concen: 102.412 ug/l

RT: 13.708 min Scan# 1949

Delta R.T. 0.006 min

Lab File: VY017403.D

Acq: 19 Feb 2024 11:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

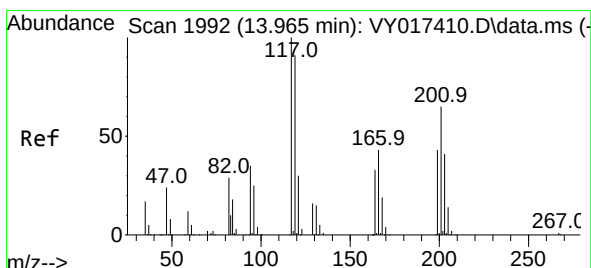
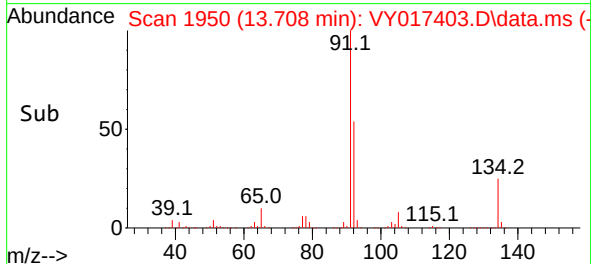
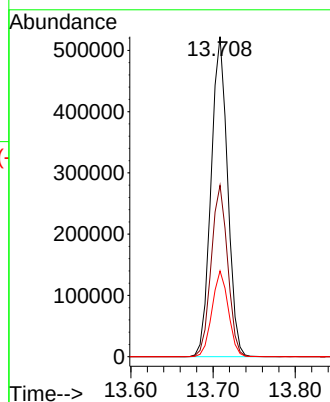
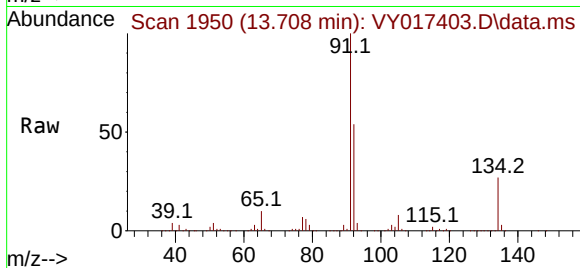
Tgt Ion: 91 Resp: 729040

Ion	Ratio	Lower	Upper
91	100		
92	53.3	26.1	78.2
134	26.4	12.1	36.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/20/2024
Supervised By :Semsettin Yesilyurt 02/20/2024



#90

Hexachloroethane

Concen: 98.267 ug/l

RT: 13.971 min Scan# 1993

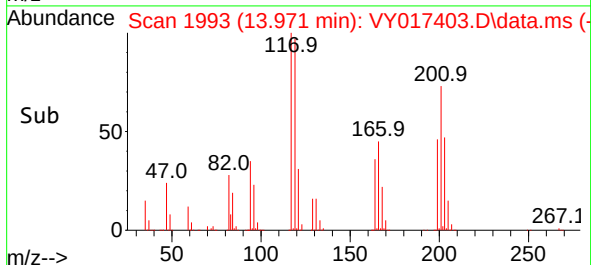
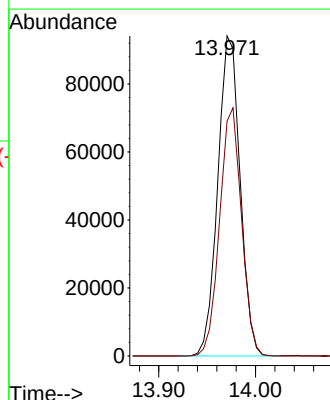
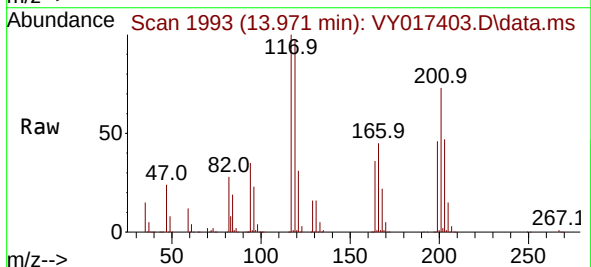
Delta R.T. 0.006 min

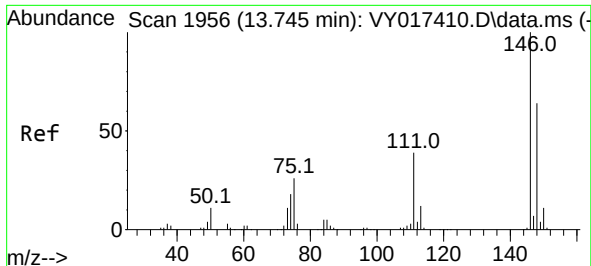
Lab File: VY017403.D

Acq: 19 Feb 2024 11:00

Tgt Ion:117 Resp: 150579

Ion	Ratio	Lower	Upper
117	100		
201	76.2	31.3	93.9





#91

1,2-Dichlorobenzene

Concen: 104.994 ug/l

RT: 13.751 min Scan# 1956

Delta R.T. 0.006 min

Lab File: VY017403.D

Acq: 19 Feb 2024 11:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

Tgt Ion:146 Resp: 329878

Ion Ratio Lower Upper

146 100

111 39.0 20.7 62.1

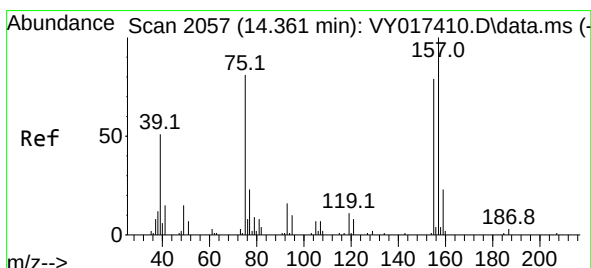
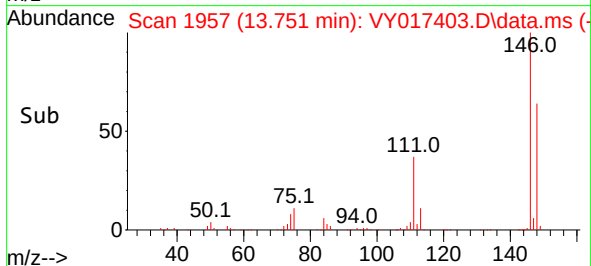
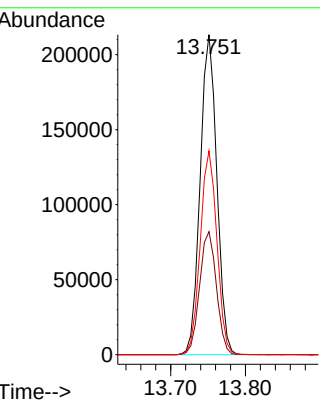
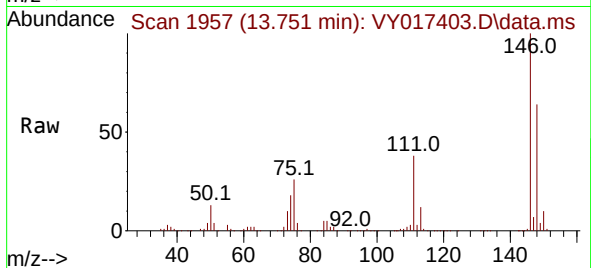
148 63.8 31.3 93.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/20/2024

Supervised By :Semsettin Yesilyurt 02/20/2024



#92

1,2-Dibromo-3-Chloropropane

Concen: 87.145 ug/l

RT: 14.367 min Scan# 2058

Delta R.T. 0.006 min

Lab File: VY017403.D

Acq: 19 Feb 2024 11:00

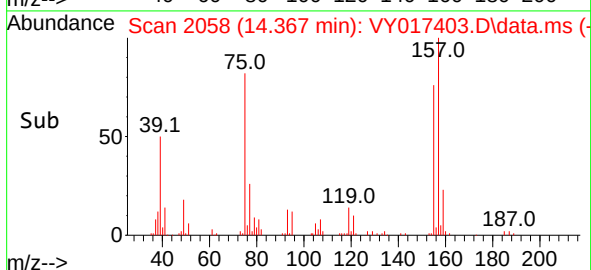
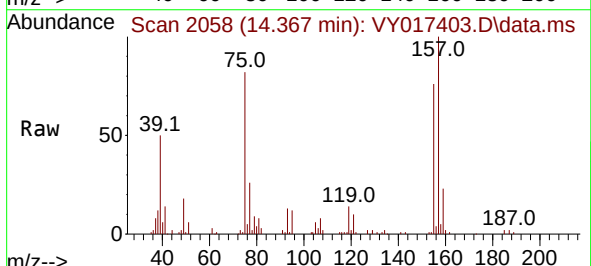
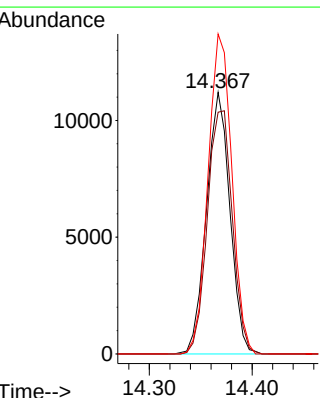
Tgt Ion: 75 Resp: 17760

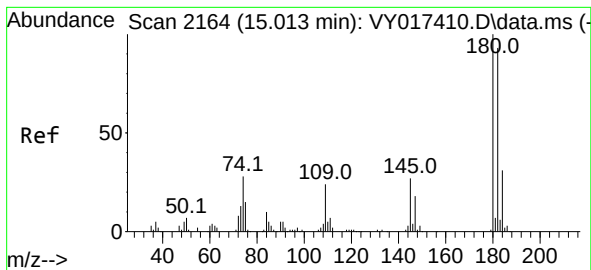
Ion Ratio Lower Upper

75 100

155 99.2 41.1 123.4

157 124.0 50.3 151.0





#93

1,2,4-Trichlorobenzene

Concen: 116.009 ug/l

RT: 15.019 min Scan# 2165

Delta R.T. 0.006 min

Lab File: VY017403.D

Acq: 19 Feb 2024 11:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

Tgt Ion:180 Resp: 17540

Ion Ratio Lower Upper

180 100

182 93.7 47.6 142.9

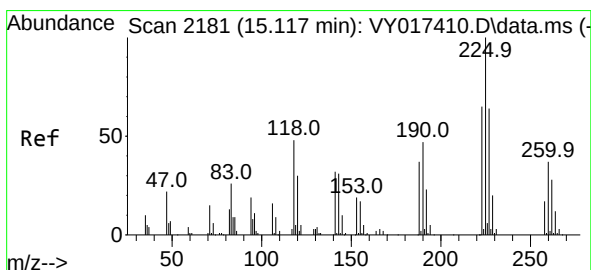
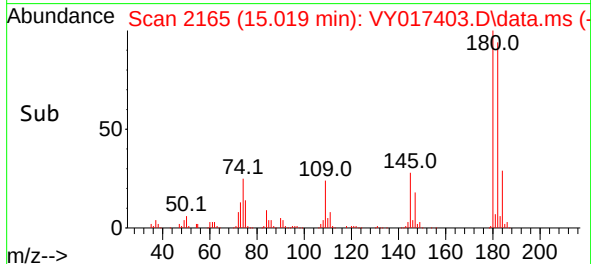
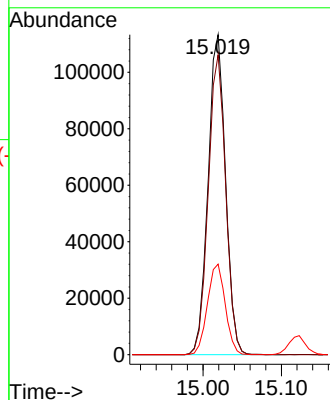
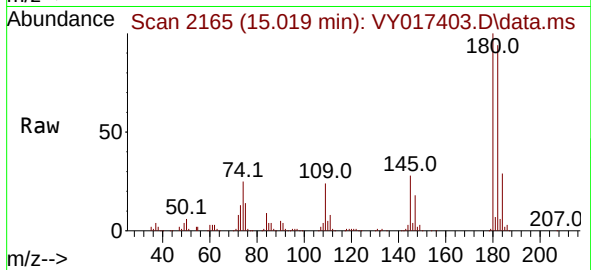
145 28.8 15.5 46.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/20/2024

Supervised By :Semsettin Yesilyurt 02/20/2024



#94

Hexachlorobutadiene

Concen: 115.980 ug/l

RT: 15.123 min Scan# 2182

Delta R.T. 0.006 min

Lab File: VY017403.D

Acq: 19 Feb 2024 11:00

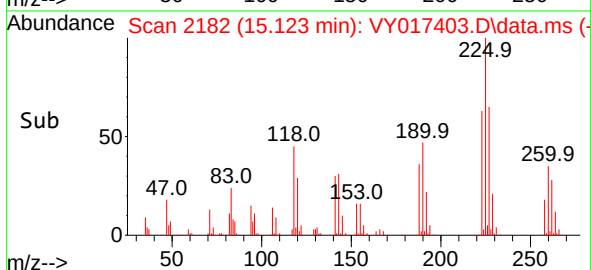
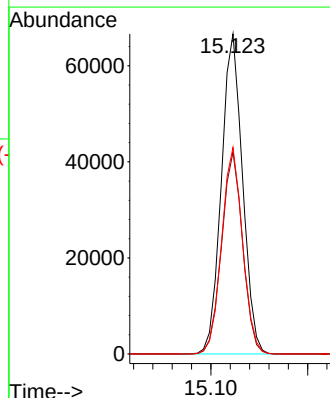
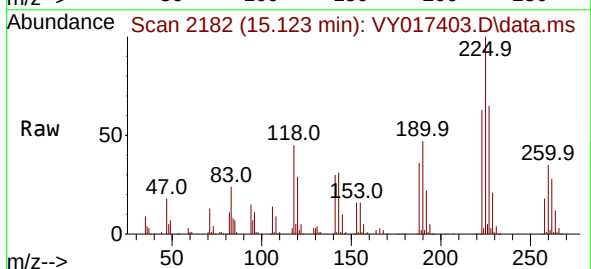
Tgt Ion:225 Resp: 101068

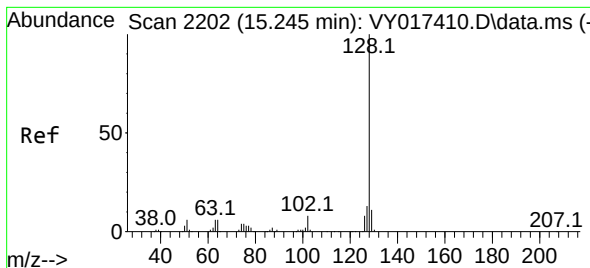
Ion Ratio Lower Upper

225 100

223 62.4 32.5 97.4

227 63.8 31.1 93.3





#95

Naphthalene

Concen: 111.785 ug/l

RT: 15.245 min Scan# 2202

Delta R.T. -0.000 min

Lab File: VY017403.D

Acq: 19 Feb 2024 11:00

Instrument :

MSVOA_Y

ClientSampleId :

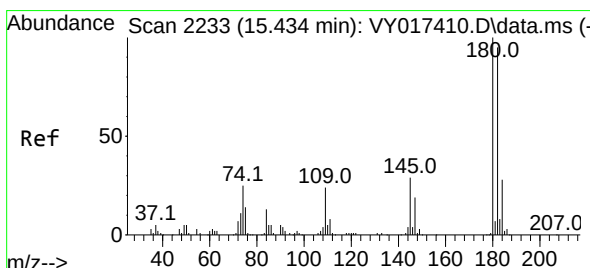
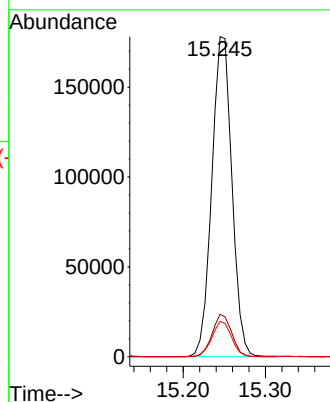
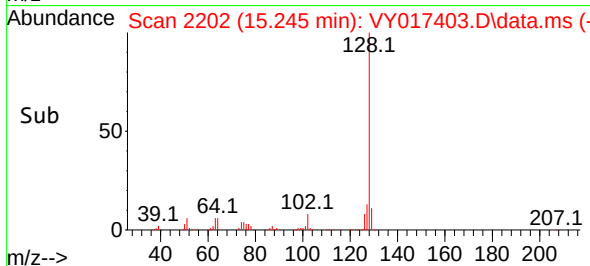
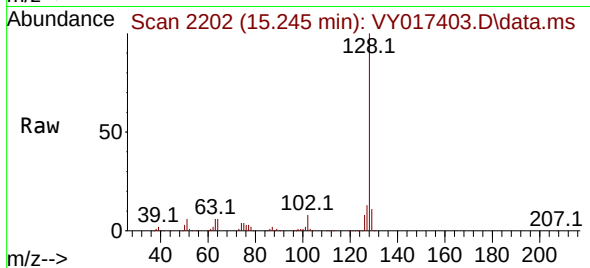
VSTDICC100

Tgt Ion:	128	Resp:	302518
Ion Ratio	Lower	Upper	
128	100		
127	12.8	10.3	15.5
129	10.8	8.4	12.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/20/2024
Supervised By :Semsettin Yesilyurt 02/20/2024



#96

1,2,3-Trichlorobenzene

Concen: 111.619 ug/l

RT: 15.434 min Scan# 2233

Delta R.T. -0.000 min

Lab File: VY017403.D

Acq: 19 Feb 2024 11:00

Tgt Ion:	180	Resp:	140787
Ion Ratio	Lower	Upper	
180	100		
182	95.3	46.9	140.7
145	30.4	16.5	49.5

