

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090924\
 Data File : VY019456.D
 Acq On : 09 Sep 2024 10:44
 Operator : SY/MD
 Sample : VSTDICC020
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC020

Quant Time: Sep 09 15:41:31 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 09 15:39:13 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 09/10/2024
 Supervised By :Semsettin Yesilyurt 09/10/2024

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	665550	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	1121753	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	957561	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	453621	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	124162	20.147	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	40.300%#		
35) Dibromofluoromethane	7.634	113	128968	20.278	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	40.560%#		
50) Toluene-d8	10.109	98	473505	20.128	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	40.260%#		
62) 4-Bromofluorobenzene	12.408	95	182751	20.204	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery =	40.400%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.867	85	99403	25.303	ug/l	99
3) Chloromethane	2.068	50	117711	21.377	ug/l	96
4) Vinyl Chloride	2.202	62	126602	21.262	ug/l	96
5) Bromomethane	2.599	94	72706	19.879	ug/l	98
6) Chloroethane	2.739	64	79590	20.516	ug/l	96
7) Trichlorofluoromethane	3.062	101	206614	20.816	ug/l	100
8) Diethyl Ether	3.458	74	67340	20.212	ug/l	82
9) 1,1,2-Trichlorotrifluo...	3.818	101	126671	20.630	ug/l	97
10) Methyl Iodide	4.001	142	161193	20.476	ug/l	96
11) Tert butyl alcohol	4.866	59	47589	95.618	ug/l #	87
12) 1,1-Dichloroethene	3.787	96	119800	20.288	ug/l	86
13) Acrolein	3.653	56	33464	131.811	ug/l	98
14) Allyl chloride	4.385	41	217660	20.555	ug/l #	89
15) Acrylonitrile	5.061	53	144091	100.302	ug/l	98
16) Acetone	3.873	43	141676	96.496	ug/l	92
17) Carbon Disulfide	4.104	76	309177	19.379	ug/l	99
18) Methyl Acetate	4.379	43	74264	18.639	ug/l	94
19) Methyl tert-butyl Ether	5.116	73	344458	20.597	ug/l	99
20) Methylene Chloride	4.610	84	136679	20.413	ug/l	90
21) trans-1,2-Dichloroethene	5.110	96	128976	19.927	ug/l	87
22) Diisopropyl ether	6.019	45	448881	20.643	ug/l	93
23) Vinyl Acetate	5.958	43	1288987	103.778	ug/l	93
24) 1,1-Dichloroethane	5.915	63	249233	20.425	ug/l	97
25) 2-Butanone	6.890	43	211780	101.419	ug/l	89
26) 2,2-Dichloropropane	6.884	77	226121	20.544	ug/l	98
27) cis-1,2-Dichloroethene	6.890	96	160242	20.382	ug/l	90
28) Bromochloromethane	7.244	49	100505	19.576	ug/l	87
29) Tetrahydrofuran	7.262	42	125544	98.882	ug/l	87
30) Chloroform	7.421	83	254025	20.393	ug/l	99
31) Cyclohexane	7.701	56	218114	19.776	ug/l	94
32) 1,1,1-Trichloroethane	7.616	97	226461	20.283	ug/l	97
36) 1,1-Dichloropropene	7.835	75	175223	20.247	ug/l	98
37) Ethyl Acetate	6.982	43	91113	20.548	ug/l	96
38) Carbon Tetrachloride	7.817	117	198006	20.289	ug/l	99
39) Methylcyclohexane	9.110	83	230822	20.042	ug/l	90
40) Benzene	8.079	78	543507	20.390	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.220	41	56708	22.033	ug/l #	80
42) 1,2-Dichloroethane	8.159	62	145710	20.315	ug/l	98
43) Isopropyl Acetate	8.195	43	191757	20.584	ug/l	91
44) Trichloroethene	8.866	130	141307	20.613	ug/l	96
45) 1,2-Dichloropropane	9.140	63	134303	20.609	ug/l	99
46) Dibromomethane	9.231	93	72823	20.435	ug/l	97
47) Bromodichloromethane	9.427	83	193440	20.193	ug/l	98
48) Methyl methacrylate	9.219	41	88240	20.058	ug/l #	86
49) 1,4-Dioxane	9.238	88	16135	384.607	ug/l #	97
51) 4-Methyl-2-Pentanone	10.000	43	479708	102.353	ug/l	92
52) Toluene	10.170	92	347634	20.278	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	186789	20.455	ug/l	94
54) cis-1,3-Dichloropropene	9.859	75	217694	20.473	ug/l #	88
55) 1,1,2-Trichloroethane	10.573	97	98373	19.989	ug/l	94
56) Ethyl methacrylate	10.439	69	152995	20.466	ug/l #	83
57) 1,3-Dichloropropane	10.719	76	174365	20.612	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	348996	100.584	ug/l	98
59) 2-Hexanone	10.762	43	354675	103.222	ug/l	89
60) Dibromochloromethane	10.914	129	133200	20.461	ug/l	99
61) 1,2-Dibromoethane	11.018	107	94823	20.680	ug/l	98
64) Tetrachloroethene	10.646	164	119858	20.213	ug/l	96
65) Chlorobenzene	11.445	112	386770	20.534	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.518	131	133506	20.471	ug/l	99
67) Ethyl Benzene	11.524	91	687798	20.551	ug/l	99
68) m/p-Xylenes	11.627	106	522199	41.264	ug/l	95
69) o-Xylene	11.957	106	255394	20.636	ug/l	97
70) Styrene	11.969	104	431131	20.633	ug/l	96
71) Bromoform	12.133	173	75040	20.145	ug/l #	99
73) Isopropylbenzene	12.255	105	670980	20.389	ug/l	100
74) N-amyl acetate	12.072	43	179945	20.105	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.505	83	118390	20.268	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	92192m	12.028	ug/l	
77) Bromobenzene	12.536	156	148307	20.320	ug/l	91
78) n-propylbenzene	12.597	91	804313	20.620	ug/l	100
79) 2-Chlorotoluene	12.682	91	463988	20.412	ug/l	96
80) 1,3,5-Trimethylbenzene	12.737	105	552010	20.633	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.304	75	44799	20.227	ug/l	96
82) 4-Chlorotoluene	12.780	91	478747	20.486	ug/l	96
83) tert-Butylbenzene	12.999	119	498976	20.602	ug/l	95
84) 1,2,4-Trimethylbenzene	13.048	105	541658	20.454	ug/l	97
85) sec-Butylbenzene	13.176	105	725918	20.632	ug/l	100
86) p-Isopropyltoluene	13.292	119	598661	20.796	ug/l	97
87) 1,3-Dichlorobenzene	13.292	146	292543	20.627	ug/l	97
88) 1,4-Dichlorobenzene	13.371	146	289216	20.548	ug/l	96
89) n-Butylbenzene	13.621	91	567458	20.620	ug/l	99
90) Hexachloroethane	13.883	117	124187	20.733	ug/l	94
91) 1,2-Dichlorobenzene	13.658	146	256551	20.271	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.273	75	19074	19.593	ug/l	86
93) 1,2,4-Trichlorobenzene	14.919	180	155761	20.236	ug/l	97
94) Hexachlorobutadiene	15.023	225	83391	20.280	ug/l	98
95) Naphthalene	15.145	128	304693	19.767	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	133851	20.330	ug/l	97

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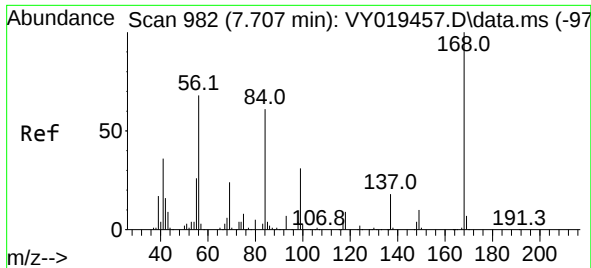
Manual Integrations
APPROVED

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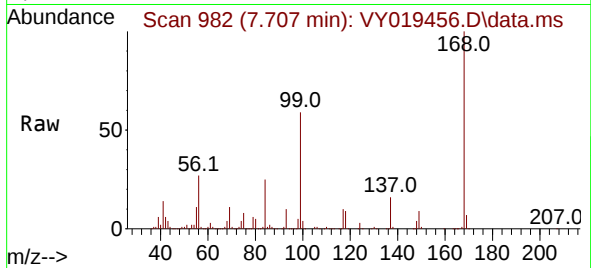
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
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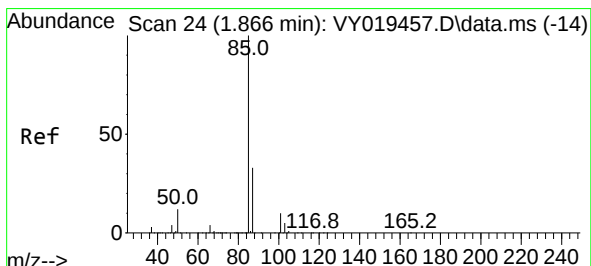
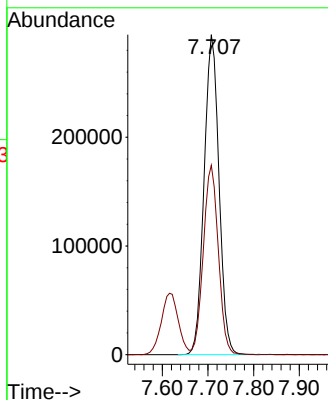
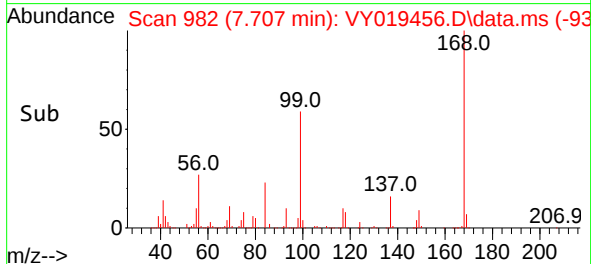
Instrument :
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Tgt Ion:168 Resp: 665550
Ion Ratio Lower Upper
168 100
99 59.2 39.1 58.7

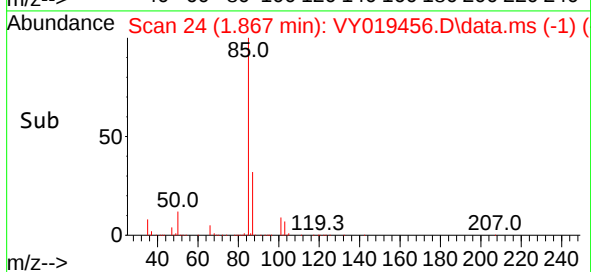
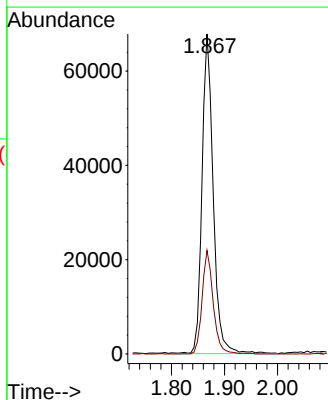
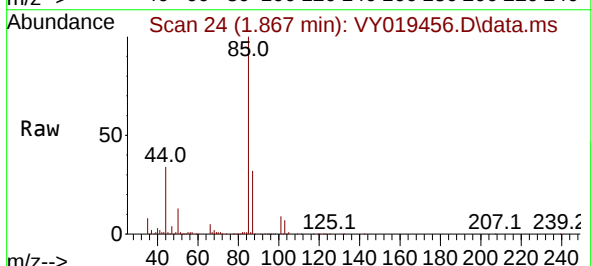
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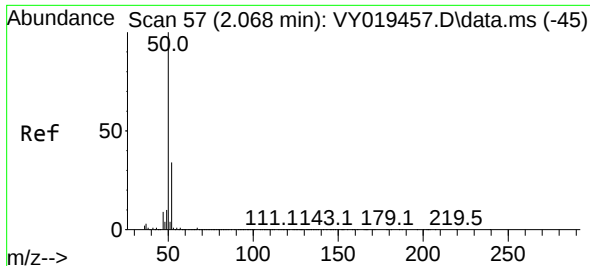
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#2
Dichlorodifluoromethane
Concen: 25.303 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.000 min
Lab File: VY019456.D
Acq: 09 Sep 2024 10:44

Tgt Ion: 85 Resp: 99403
Ion Ratio Lower Upper
85 100
87 32.4 16.0 48.0





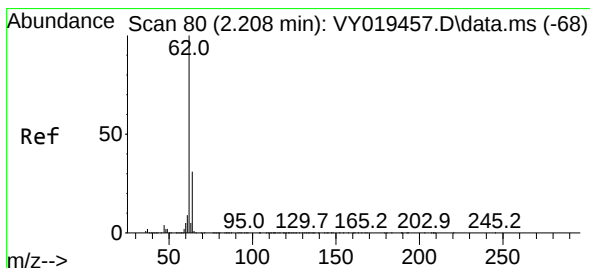
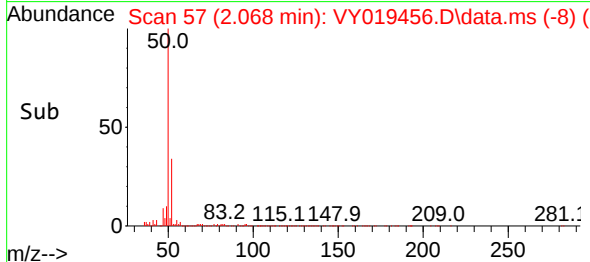
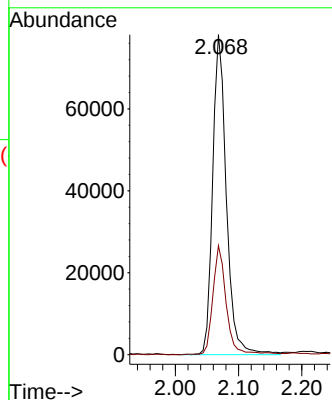
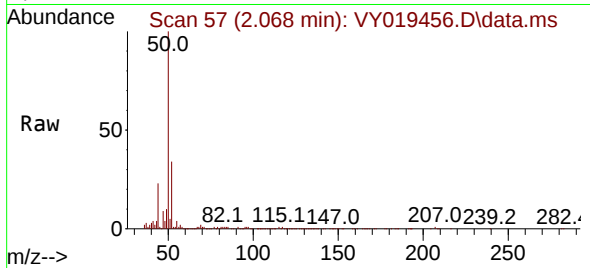
#3
Chloromethane
Concen: 21.377 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY019456.D
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Instrument :
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Tgt Ion: 50 Resp: 11771
Ion Ratio Lower Upper
50 100
52 34.1 25.6 38.4

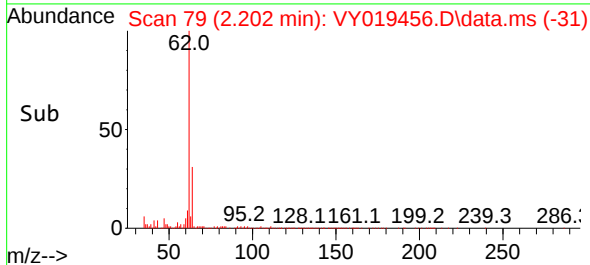
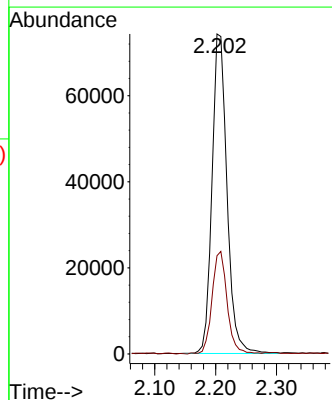
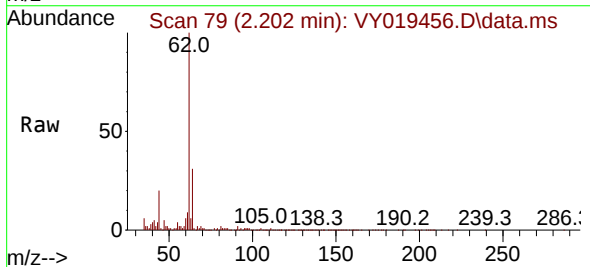
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#4
Vinyl Chloride
Concen: 21.262 ug/l
RT: 2.202 min Scan# 79
Delta R.T. -0.006 min
Lab File: VY019456.D
Acq: 09 Sep 2024 10:44

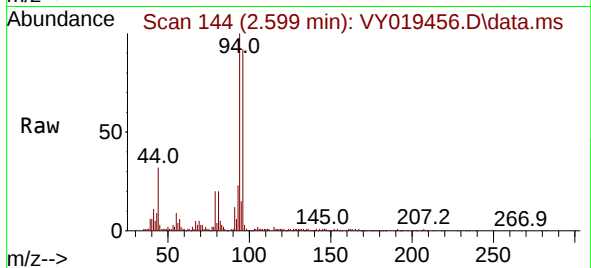
Tgt Ion: 62 Resp: 126602
Ion Ratio Lower Upper
62 100
64 30.6 26.1 39.1





#5
Bromomethane
Concen: 19.879 ug/l
RT: 2.599 min Scan# 144
Delta R.T. 0.000 min
Lab File: VY019456.D
Acq: 09 Sep 2024 10:44

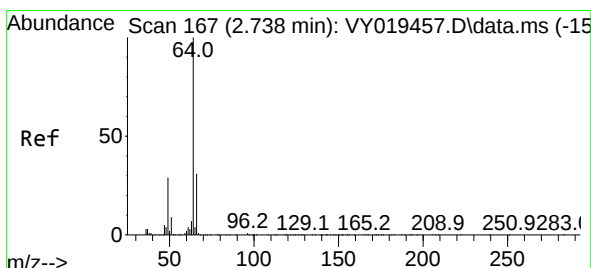
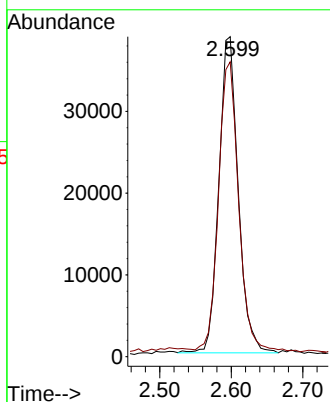
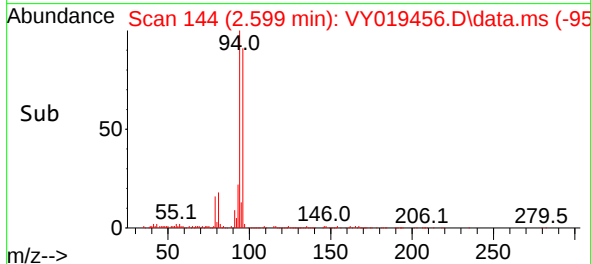
Instrument :
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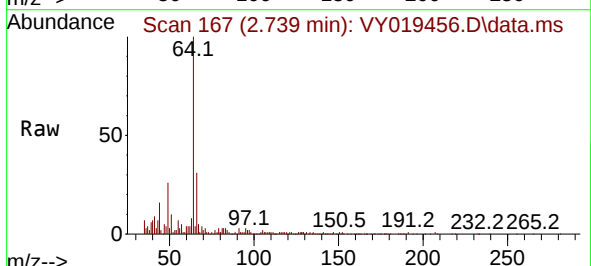
Tgt Ion: 94 Resp: 72700
Ion Ratio Lower Upper
94 100
96 91.0 74.1 111.1

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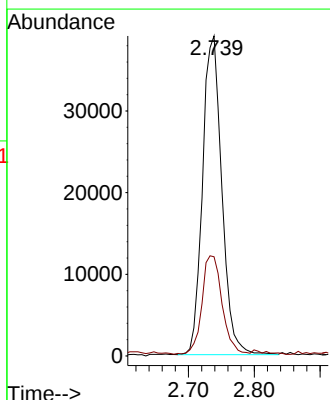
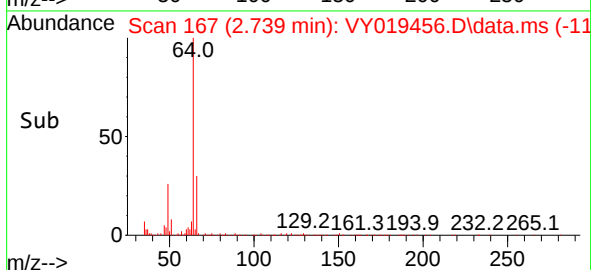
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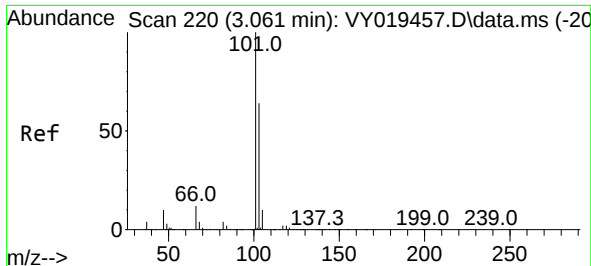


#6
Chloroethane
Concen: 20.516 ug/l
RT: 2.739 min Scan# 167
Delta R.T. 0.000 min
Lab File: VY019456.D
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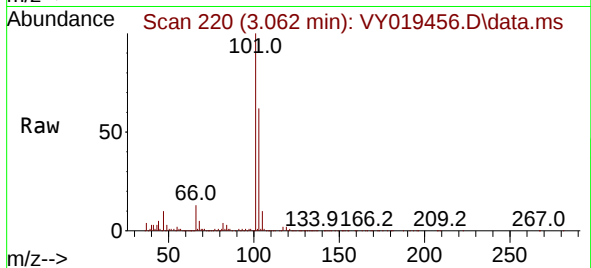
Tgt Ion: 64 Resp: 79590
Ion Ratio Lower Upper
64 100
66 30.3 26.1 39.1





#7
Trichlorofluoromethane
Concen: 20.816 ug/l
RT: 3.062 min Scan# 21
Delta R.T. 0.000 min
Lab File: VY019456.D
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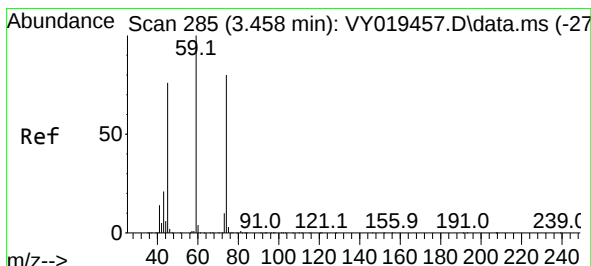
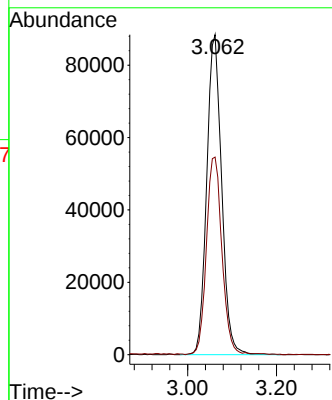
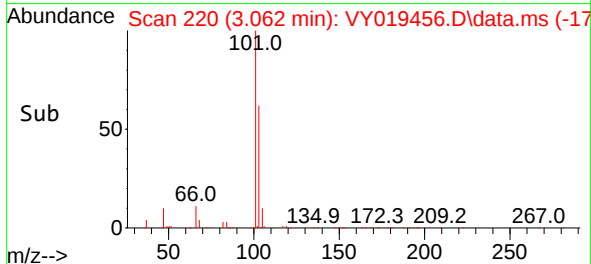
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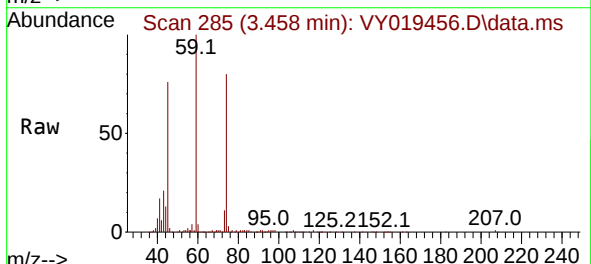
Tgt Ion:101 Resp: 206614
Ion Ratio Lower Upper
101 100
103 61.6 49.3 73.9

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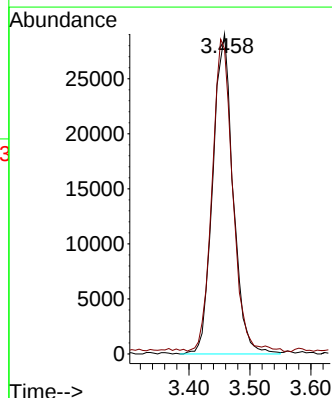
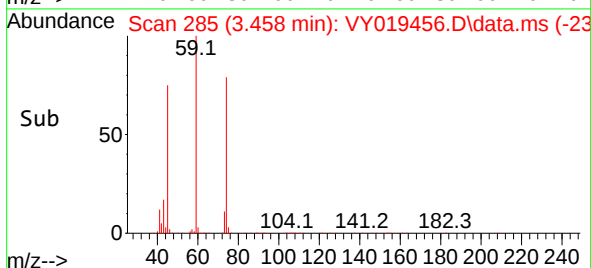
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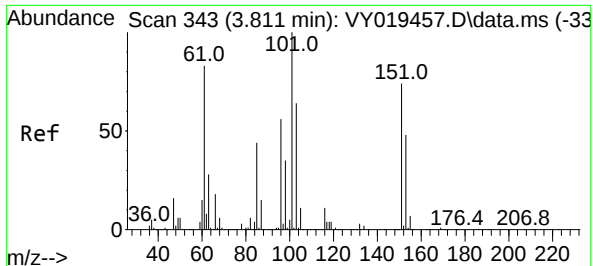


#8
Diethyl Ether
Concen: 20.212 ug/l
RT: 3.458 min Scan# 285
Delta R.T. 0.000 min
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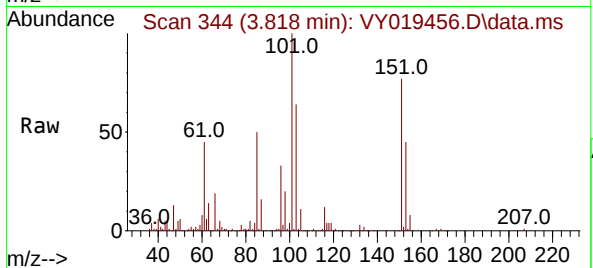
Tgt Ion: 74 Resp: 67340
Ion Ratio Lower Upper
74 100
45 98.9 41.3 124.1





#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.630 ug/l
RT: 3.818 min Scan# 343
Delta R.T. 0.007 min
Lab File: VY019456.D
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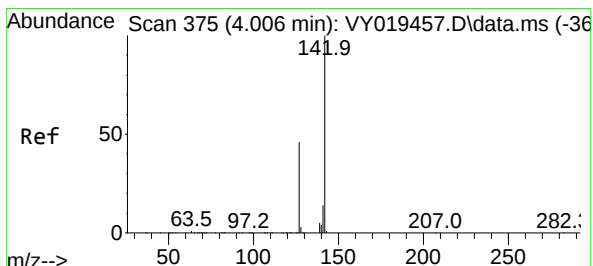
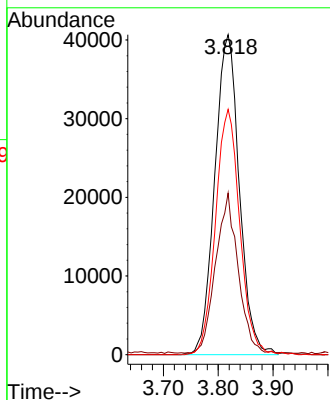
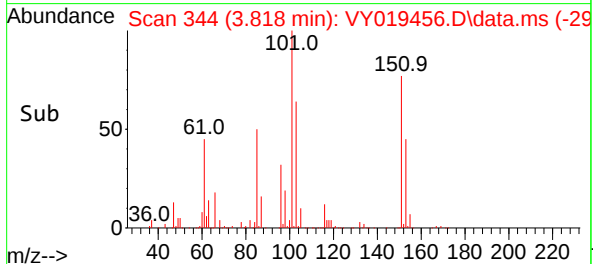
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



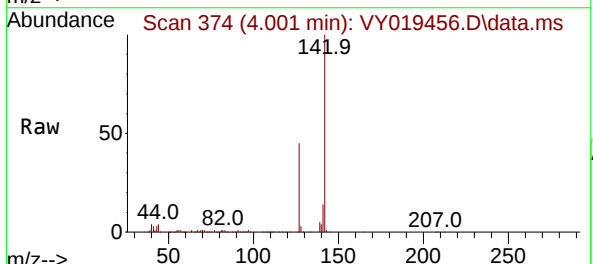
Tgt Ion:101 Resp: 12667
Ion Ratio Lower Upper
101 100
85 45.8 34.5 51.7
151 75.6 61.7 92.5

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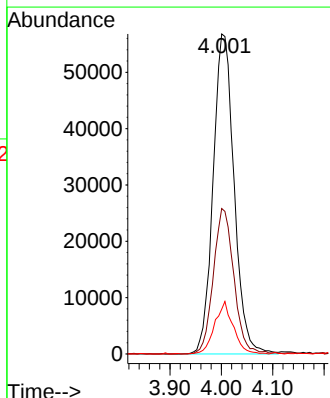
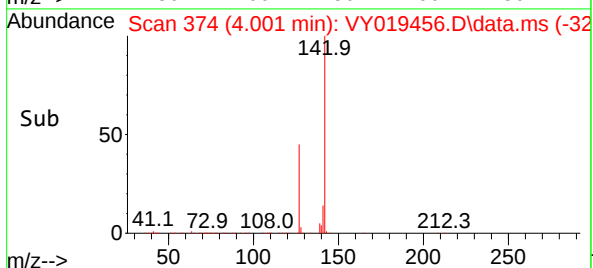
Reviewed By :Mahesh Dadoda 09/10/2024
Supervised By :Semsettin Yesilyurt 09/10/2024

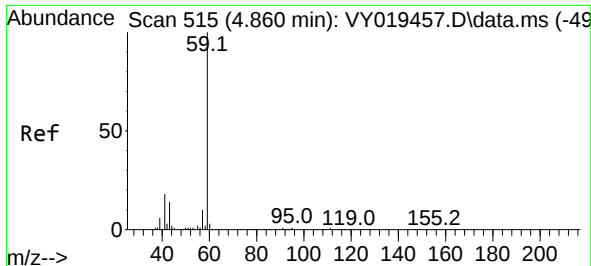


#10
Methyl Iodide
Concen: 20.476 ug/l
RT: 4.001 min Scan# 374
Delta R.T. -0.006 min
Lab File: VY019456.D
Acq: 09 Sep 2024 10:44



Tgt Ion:142 Resp: 161193
Ion Ratio Lower Upper
142 100
127 44.5 32.8 49.2
141 14.6 11.4 17.2





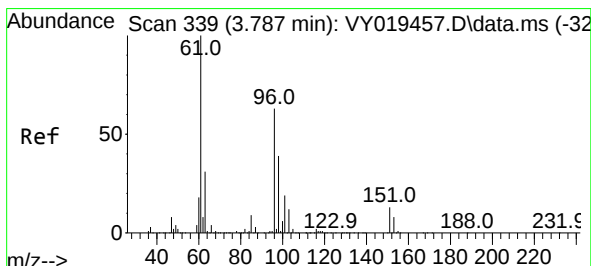
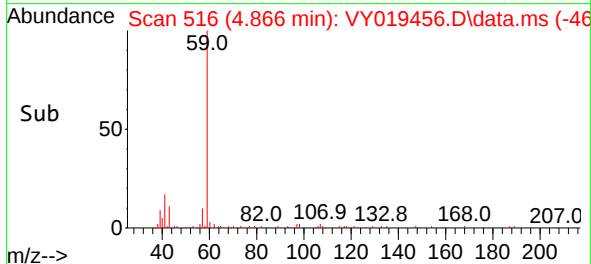
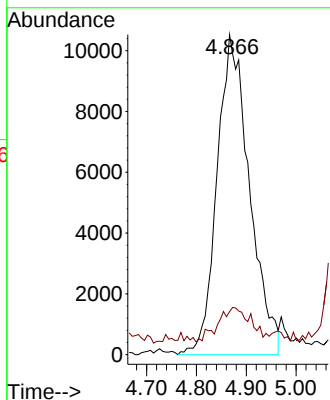
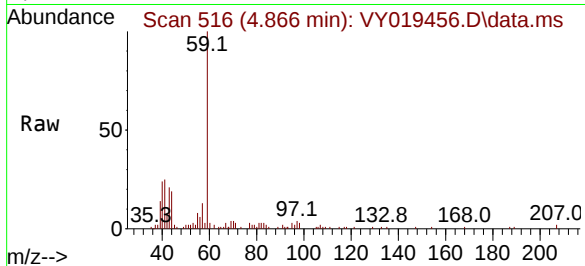
#11
Tert butyl alcohol
Concen: 95.618 ug/l
RT: 4.866 min Scan# 515
Delta R.T. 0.007 min
Lab File: VY019456.D
Acq: 09 Sep 2024 10:44

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 59 Resp: 47589
Ion Ratio Lower Upper
59 100
57 8.2 3.0 4.6

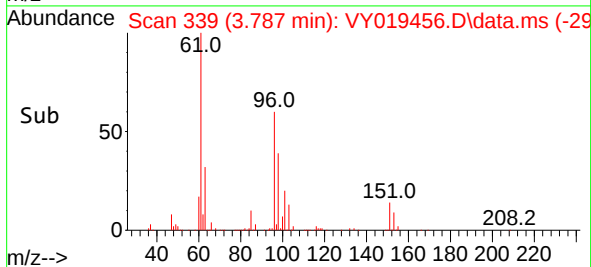
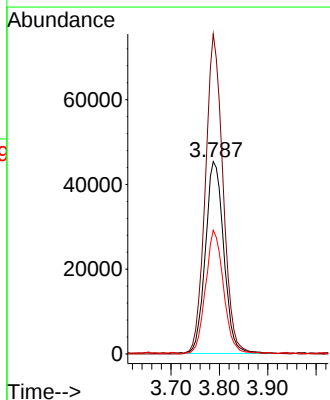
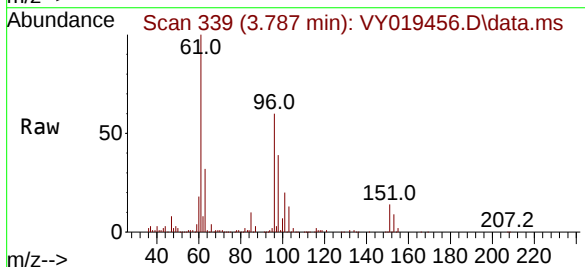
Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 09/10/2024
Supervised By :Semsettin Yesilyurt 09/10/2024



#12
1,1-Dichloroethene
Concen: 20.288 ug/l
RT: 3.787 min Scan# 339
Delta R.T. 0.000 min
Lab File: VY019456.D
Acq: 09 Sep 2024 10:44

Tgt Ion: 96 Resp: 119800
Ion Ratio Lower Upper
96 100
61 166.9 114.6 171.8
98 64.3 50.8 76.2





#13

Acrolein

Concen: 131.811 ug/l

RT: 3.653 min Scan# 317

Delta R.T. 0.000 min

Lab File: VY019456.D

Acq: 09 Sep 2024 10:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

Tgt Ion: 56 Resp: 33464

Ion Ratio Lower Upper

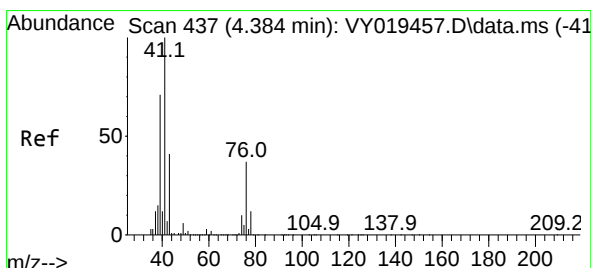
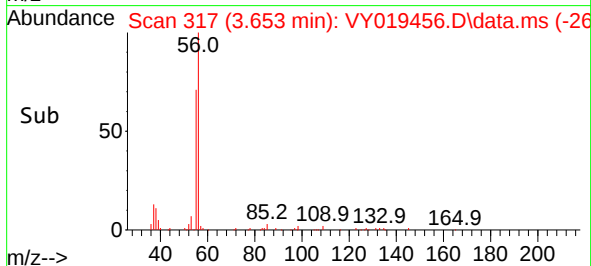
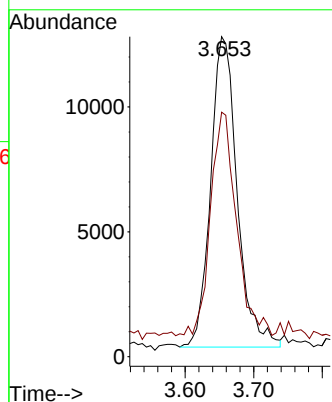
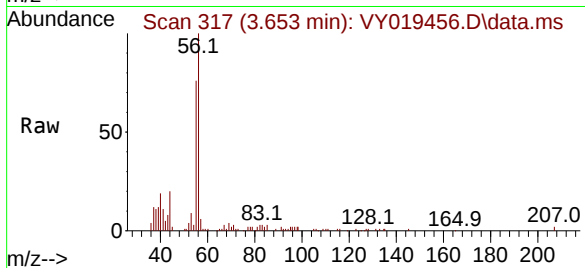
56 100

55 71.5 55.7 83.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/10/2024
Supervised By :Semsettin Yesilyurt 09/10/2024



#14

Allyl chloride

Concen: 20.555 ug/l

RT: 4.385 min Scan# 437

Delta R.T. 0.000 min

Lab File: VY019456.D

Acq: 09 Sep 2024 10:44

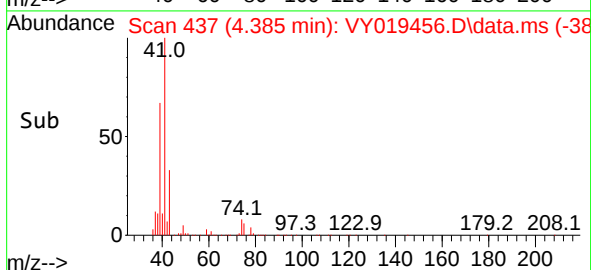
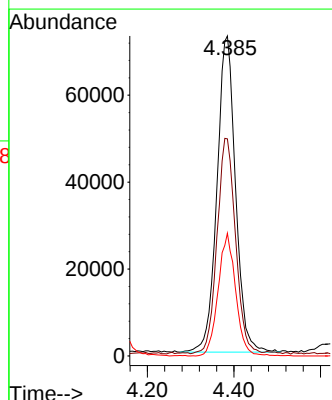
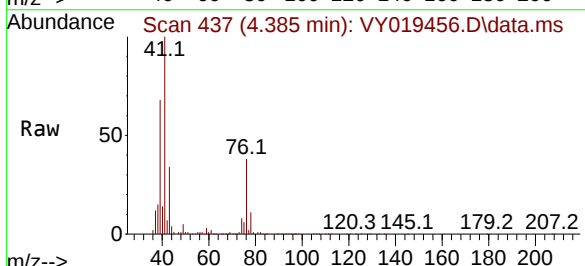
Tgt Ion: 41 Resp: 217660

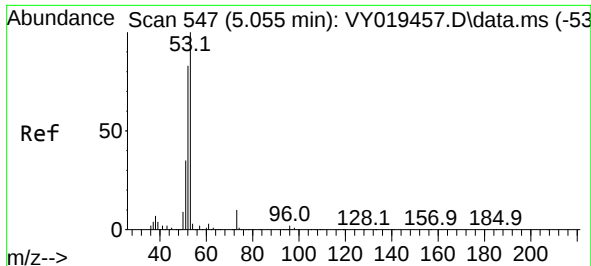
Ion Ratio Lower Upper

41 100

39 67.5 58.3 87.5

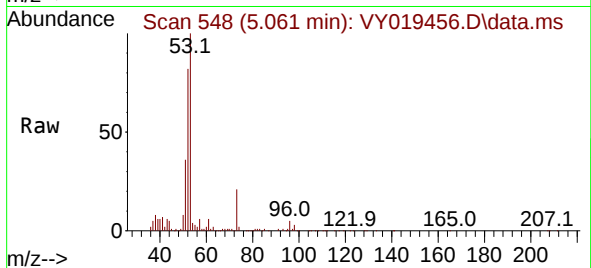
76 36.5 39.0 58.6#





#15
Acrylonitrile
Concen: 100.302 ug/l
RT: 5.061 min Scan# 547
Delta R.T. 0.007 min
Lab File: VY019456.D
Acq: 09 Sep 2024 10:44

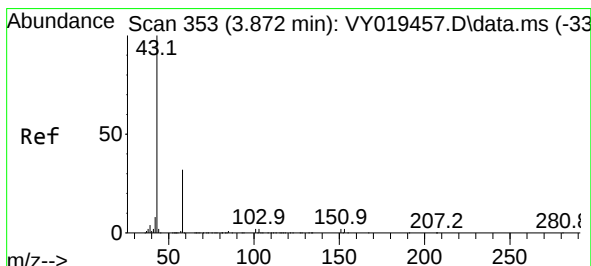
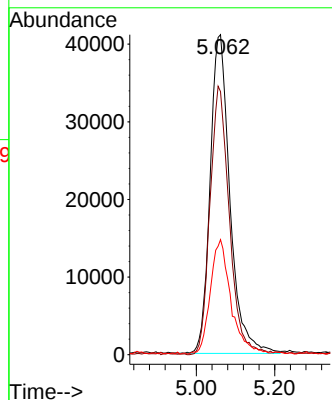
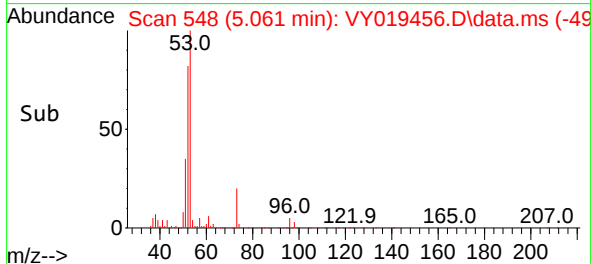
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



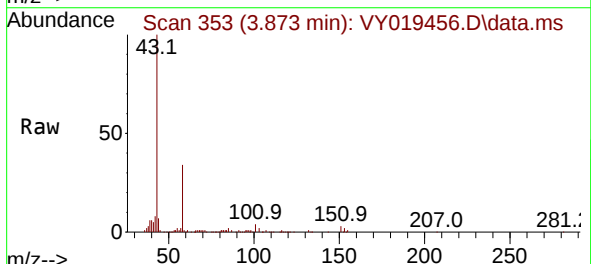
Tgt Ion: 53 Resp: 14409
Ion Ratio Lower Upper
53 100
52 82.3 64.7 97.1
51 37.1 28.4 42.6

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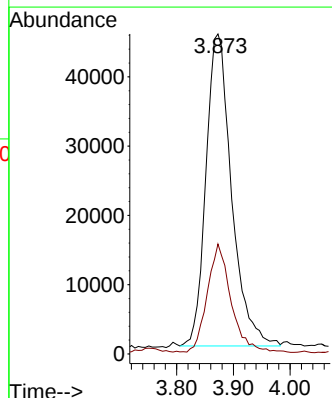
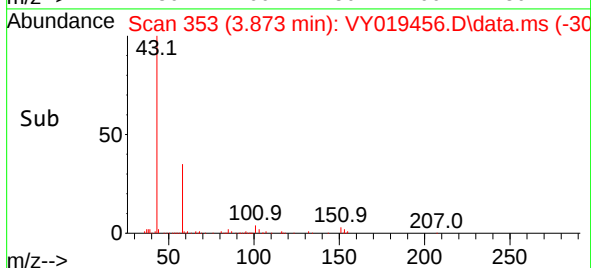
Reviewed By :Mahesh Dadoda 09/10/2024
Supervised By :Semsettin Yesilyurt 09/10/2024



#16
Acetone
Concen: 96.496 ug/l
RT: 3.873 min Scan# 353
Delta R.T. 0.000 min
Lab File: VY019456.D
Acq: 09 Sep 2024 10:44



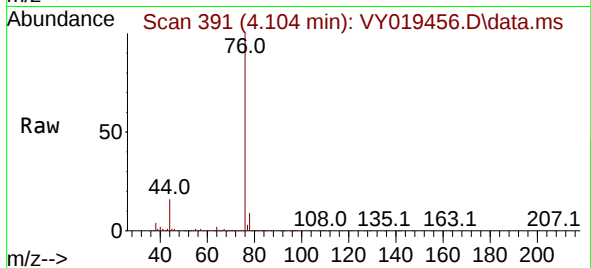
Tgt Ion: 43 Resp: 141676
Ion Ratio Lower Upper
43 100
58 34.5 31.7 47.5





#17
Carbon Disulfide
Concen: 19.379 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY019456.D
Acq: 09 Sep 2024 10:44

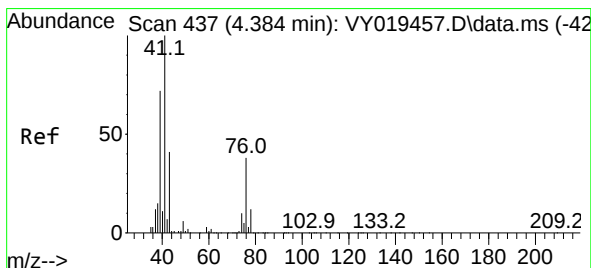
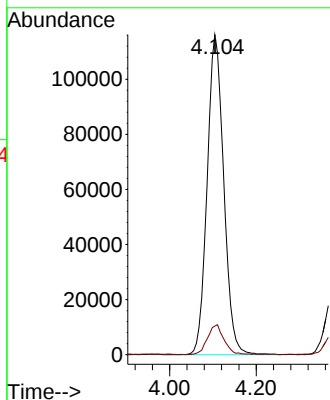
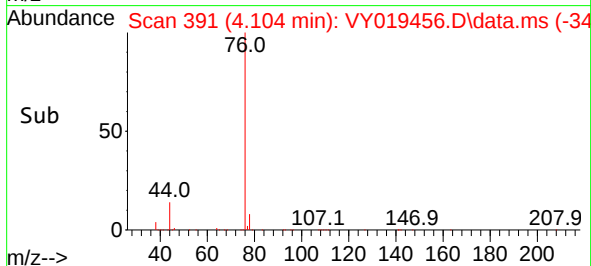
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



Tgt Ion: 76 Resp: 30917
Ion Ratio Lower Upper
76 100
78 8.9 6.8 10.2

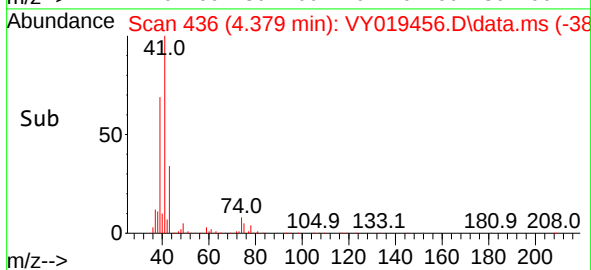
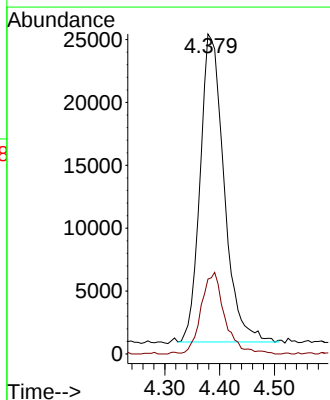
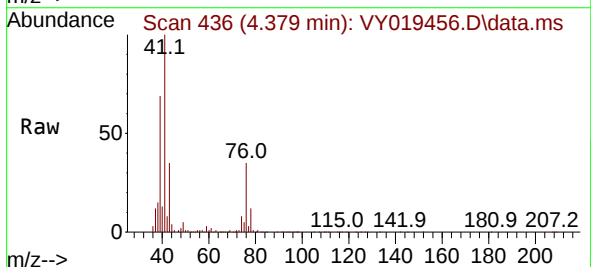
Manual Integrations
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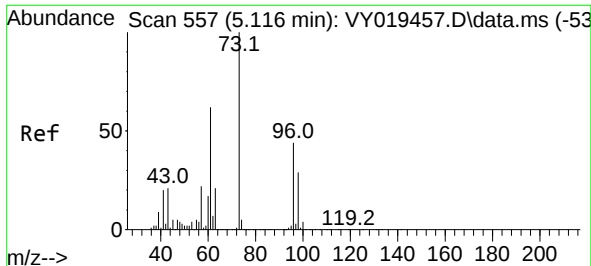
Reviewed By :Mahesh Dadoda 09/10/2024
Supervised By :Semsettin Yesilyurt 09/10/2024



#18
Methyl Acetate
Concen: 18.639 ug/l
RT: 4.379 min Scan# 436
Delta R.T. -0.006 min
Lab File: VY019456.D
Acq: 09 Sep 2024 10:44

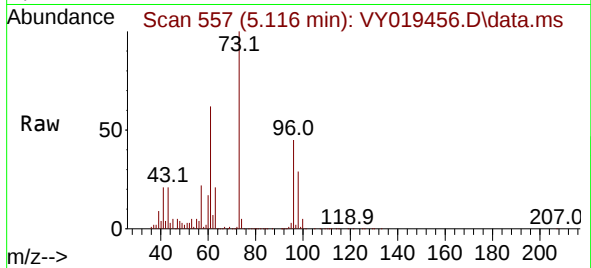
Tgt Ion: 43 Resp: 74264
Ion Ratio Lower Upper
43 100
74 26.1 23.3 34.9





#19
Methyl tert-butyl Ether
Concen: 20.597 ug/l
RT: 5.116 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY019456.D
Acq: 09 Sep 2024 10:44

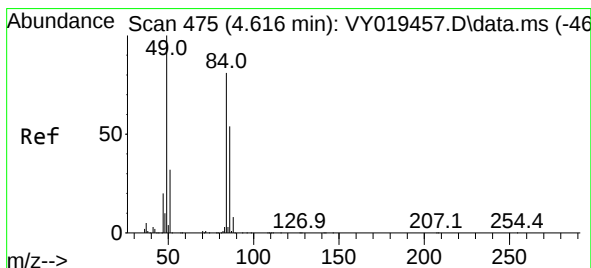
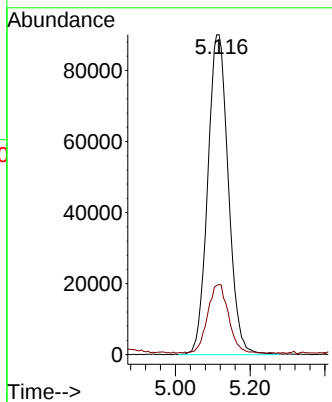
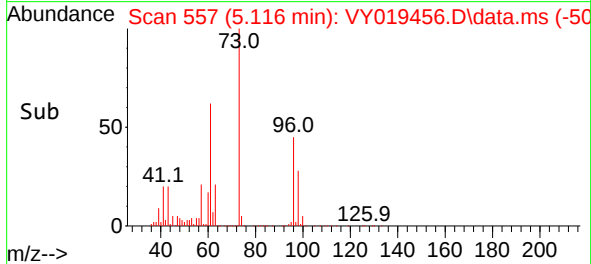
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



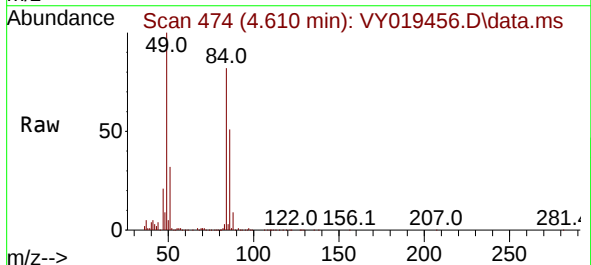
Tgt Ion: 73 Resp: 344458
Ion Ratio Lower Upper
73 100
57 21.3 17.3 25.9

Manual Integrations
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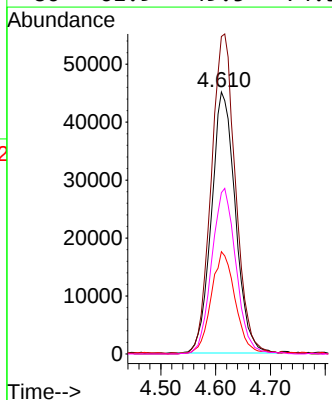
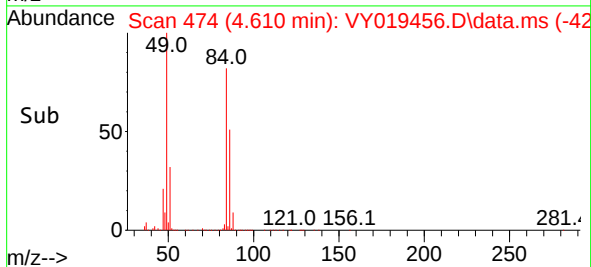
Reviewed By :Mahesh Dadoda 09/10/2024
Supervised By :Semsettin Yesilyurt 09/10/2024

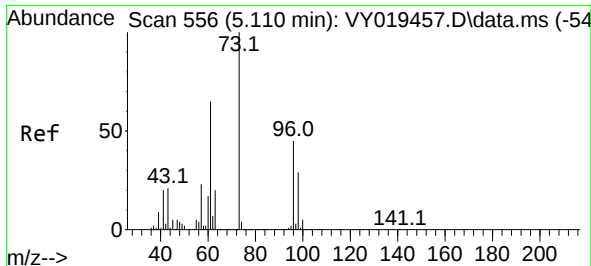


#20
Methylene Chloride
Concen: 20.413 ug/l
RT: 4.610 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY019456.D
Acq: 09 Sep 2024 10:44



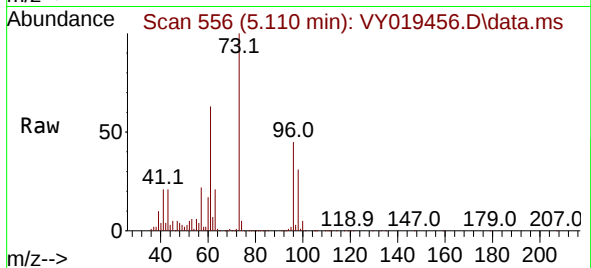
Tgt Ion: 84 Resp: 136679
Ion Ratio Lower Upper
84 100
49 121.7 84.4 126.6
51 39.0 26.0 39.0
86 61.9 49.5 74.3





#21
trans-1,2-Dichloroethene
Concen: 19.927 ug/l
RT: 5.110 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY019456.D
Acq: 09 Sep 2024 10:44

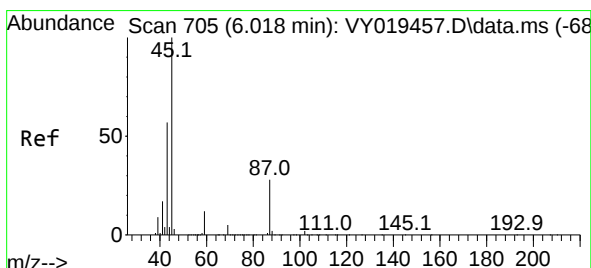
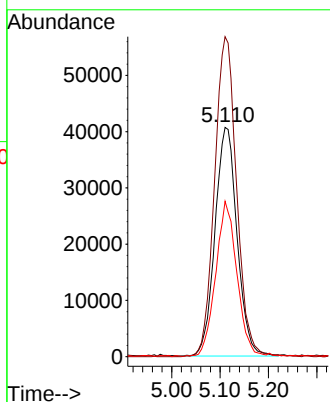
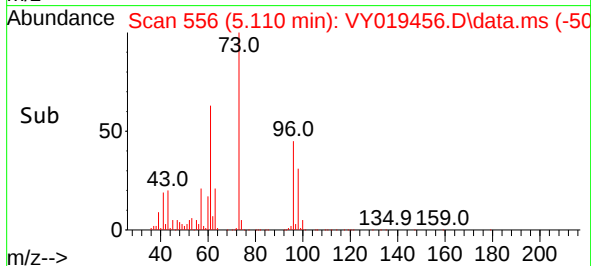
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



Tgt Ion: 96 Resp: 128970
Ion Ratio Lower Upper
96 100
61 139.9 97.5 146.3
98 67.5 50.5 75.7

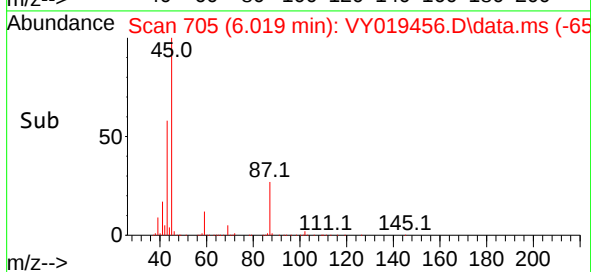
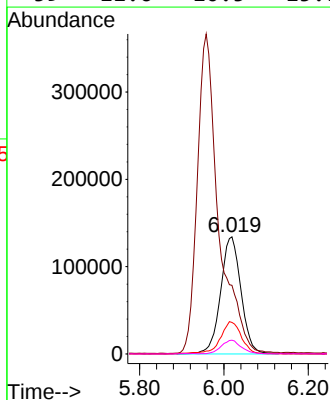
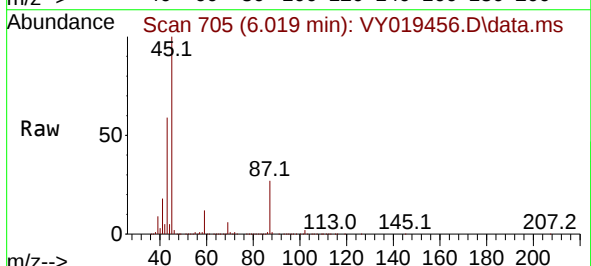
Manual Integrations
APPROVED

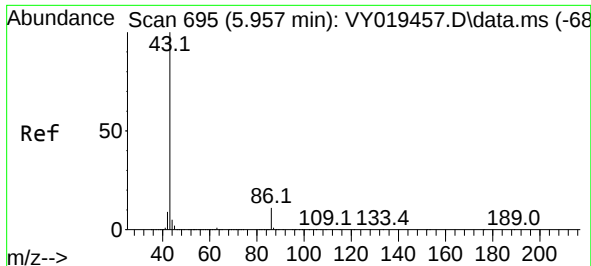
Reviewed By :Mahesh Dadoda 09/10/2024
Supervised By :Semsettin Yesilyurt 09/10/2024



#22
Diisopropyl ether
Concen: 20.643 ug/l
RT: 6.019 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY019456.D
Acq: 09 Sep 2024 10:44

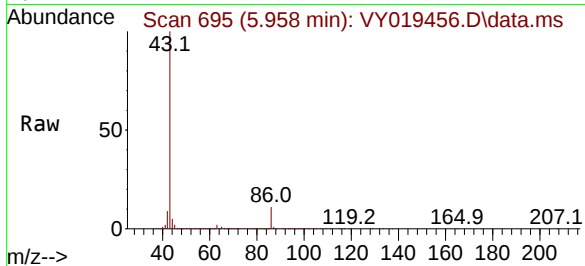
Tgt Ion: 45 Resp: 448881
Ion Ratio Lower Upper
45 100
43 57.9 42.2 63.2
87 26.8 25.0 37.6
59 11.6 10.5 15.7





#23
 Vinyl Acetate
 Concen: 103.778 ug/l
 RT: 5.958 min Scan# 695
 Delta R.T. 0.000 min
 Lab File: VY019456.D
 Acq: 09 Sep 2024 10:44

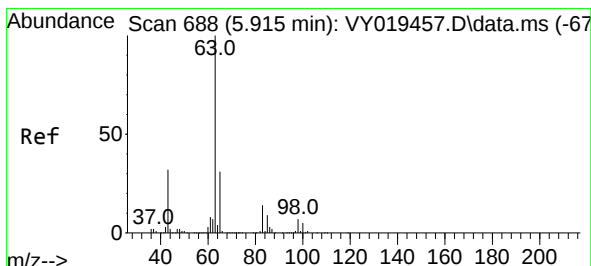
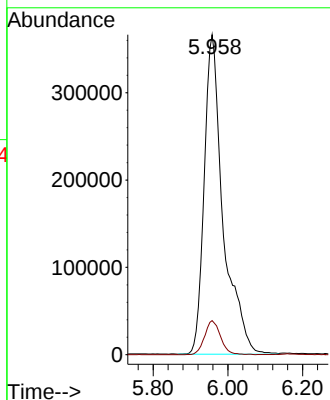
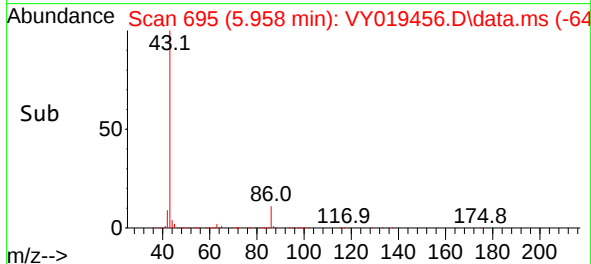
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020



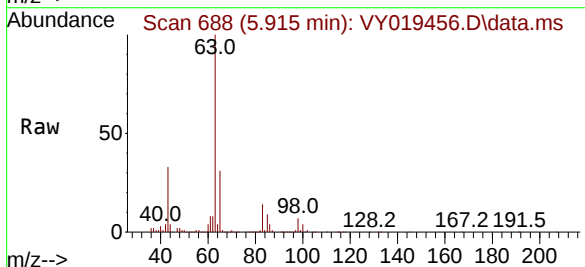
Tgt Ion: 43 Resp: 128898
 Ion Ratio Lower Upper
 43 100
 86 10.7 10.6 16.0

Manual Integrations
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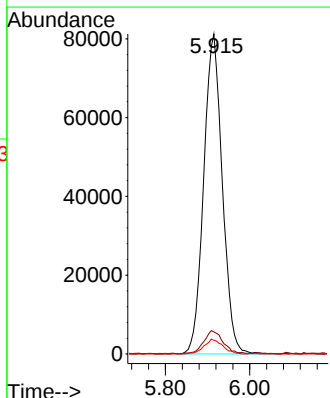
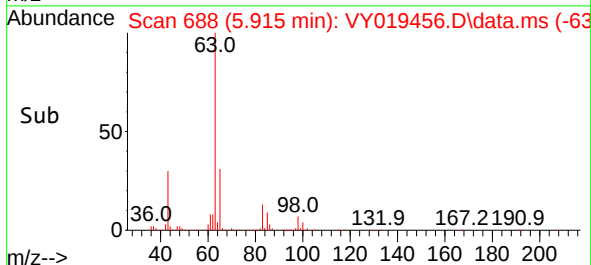
Reviewed By :Mahesh Dadoda 09/10/2024
 Supervised By :Semsettin Yesilyurt 09/10/2024

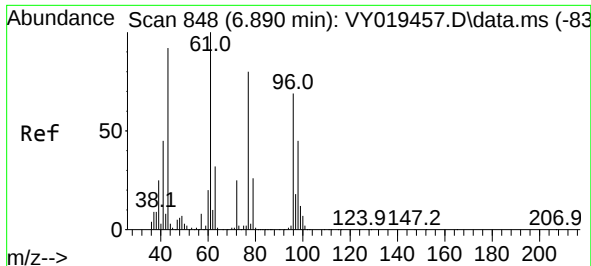


#24
 1,1-Dichloroethane
 Concen: 20.425 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. 0.000 min
 Lab File: VY019456.D
 Acq: 09 Sep 2024 10:44



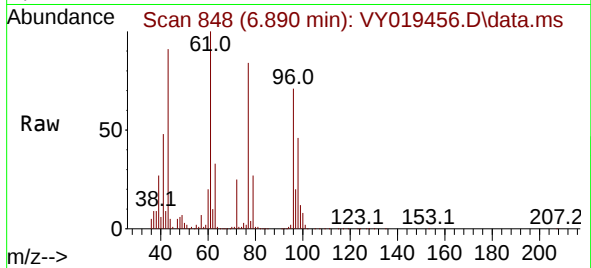
Tgt Ion: 63 Resp: 249233
 Ion Ratio Lower Upper
 63 100
 98 6.8 4.0 12.2
 100 4.3 2.6 8.0





#25
2-Butanone
Concen: 101.419 ug/l
RT: 6.890 min Scan# 848
Delta R.T. 0.000 min
Lab File: VY019456.D
Acq: 09 Sep 2024 10:44

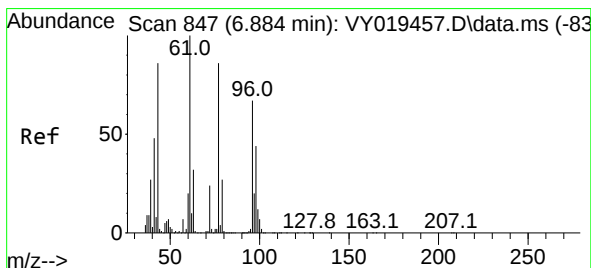
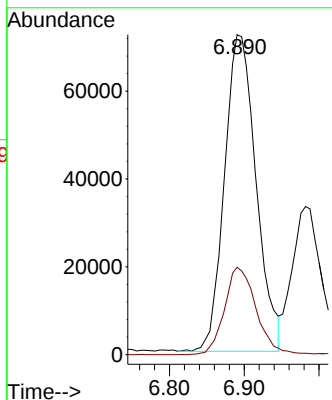
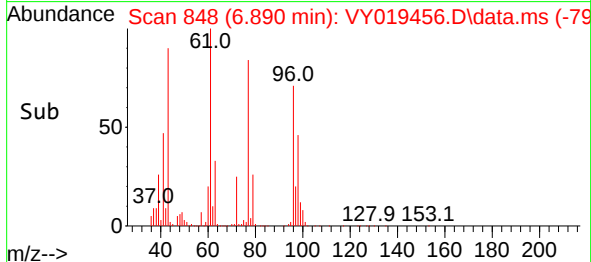
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



Tgt Ion: 43 Resp: 211780
Ion Ratio Lower Upper
43 100
72 27.7 27.3 40.9

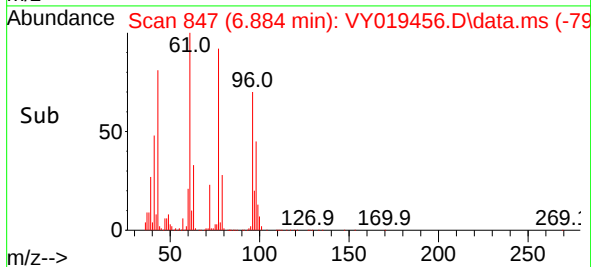
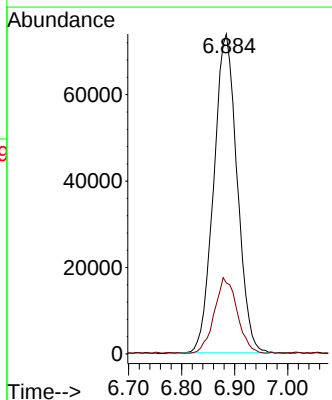
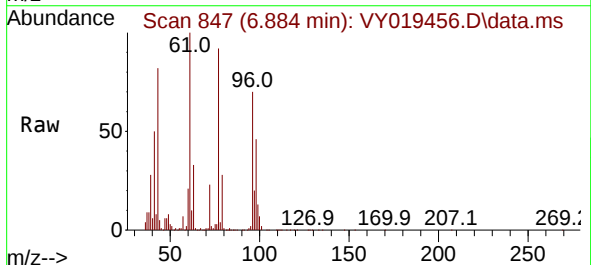
Manual Integrations
APPROVED

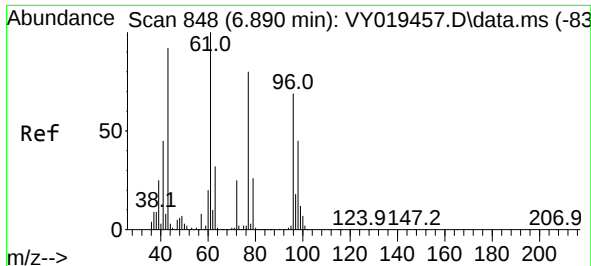
Reviewed By :Mahesh Dadoda 09/10/2024
Supervised By :Semsettin Yesilyurt 09/10/2024



#26
2,2-Dichloropropane
Concen: 20.544 ug/l
RT: 6.884 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY019456.D
Acq: 09 Sep 2024 10:44

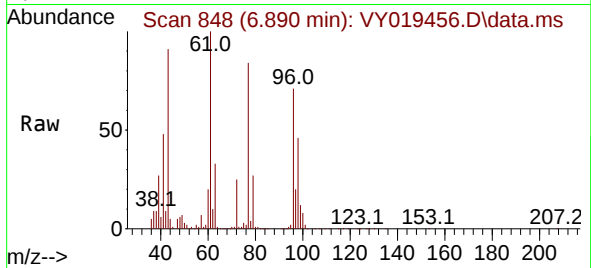
Tgt Ion: 77 Resp: 226121
Ion Ratio Lower Upper
77 100
97 23.0 12.0 36.1





#27
cis-1,2-Dichloroethene
Concen: 20.382 ug/l
RT: 6.890 min Scan# 848
Delta R.T. 0.000 min
Lab File: VY019456.D
Acq: 09 Sep 2024 10:44

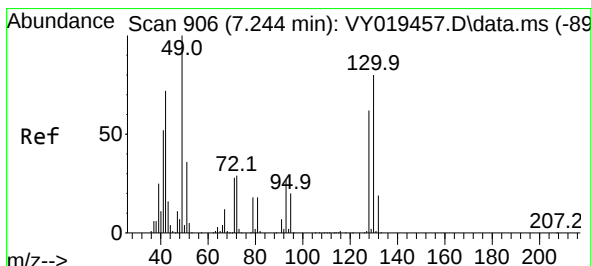
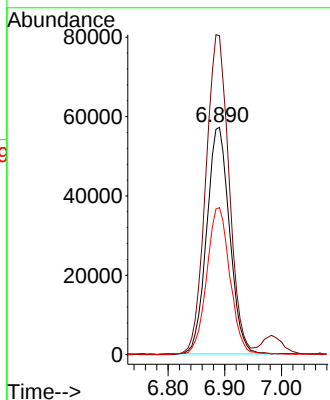
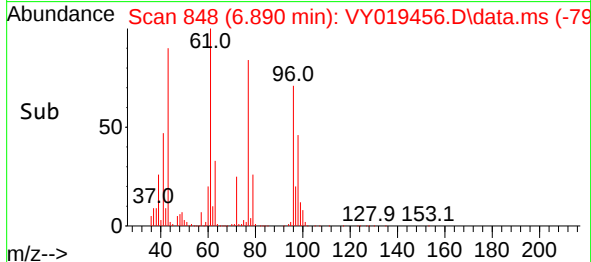
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



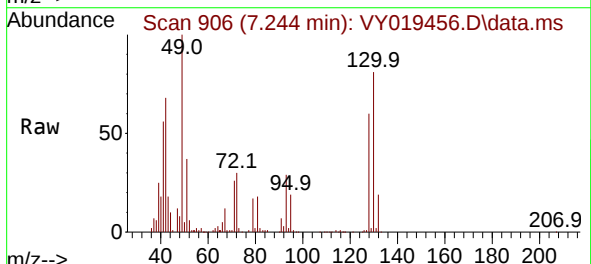
Tgt Ion: 96 Resp: 16024
Ion Ratio Lower Upper
96 100
61 143.7 0.0 256.2
98 66.3 0.0 130.0

Manual Integrations
APPROVED

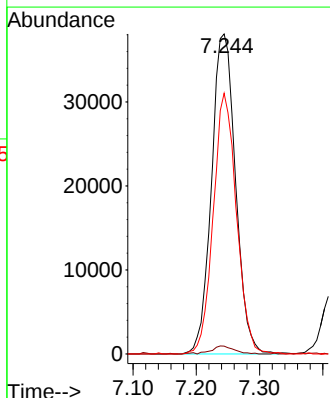
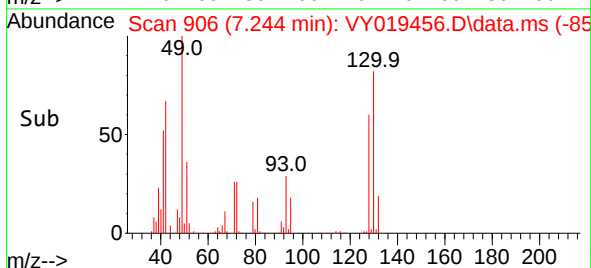
Reviewed By :Mahesh Dadoda 09/10/2024
Supervised By :Semsettin Yesilyurt 09/10/2024



#28
Bromochloromethane
Concen: 19.576 ug/l
RT: 7.244 min Scan# 906
Delta R.T. 0.000 min
Lab File: VY019456.D
Acq: 09 Sep 2024 10:44



Tgt Ion: 49 Resp: 100505
Ion Ratio Lower Upper
49 100
129 2.4 0.0 4.6
130 78.6 72.7 109.1





#29

Tetrahydrofuran

Concen: 98.882 ug/l

RT: 7.262 min Scan# 909

Delta R.T. 0.000 min

Lab File: VY019456.D

Acq: 09 Sep 2024 10:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

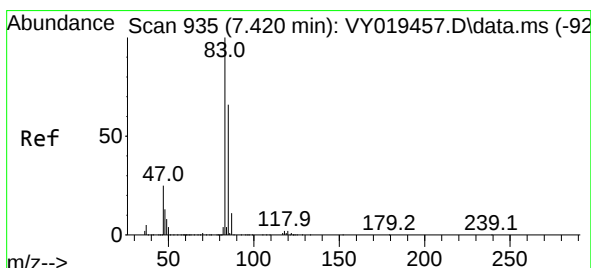
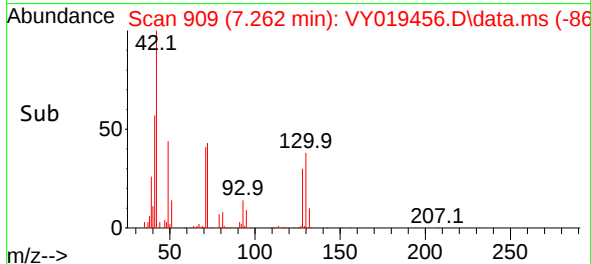
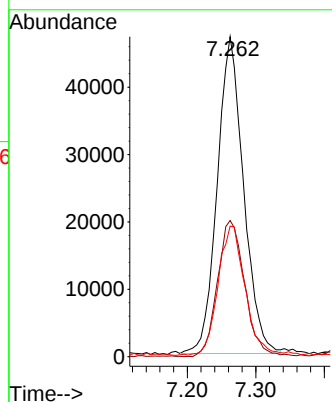
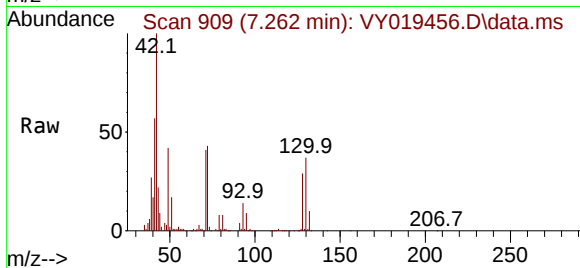
Tgt Ion: 42 Resp: 125544

Ion	Ratio	Lower	Upper
42	100		
72	44.3	43.0	64.4
71	41.8	40.8	61.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/10/2024
Supervised By :Semsettin Yesilyurt 09/10/2024



#30

Chloroform

Concen: 20.393 ug/l

RT: 7.421 min Scan# 935

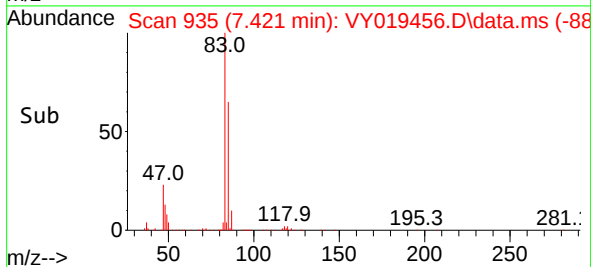
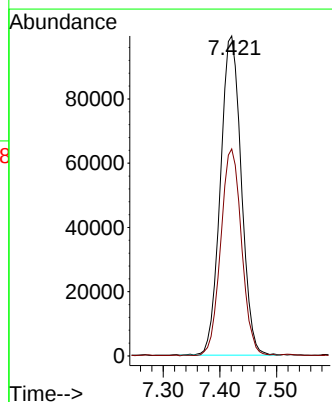
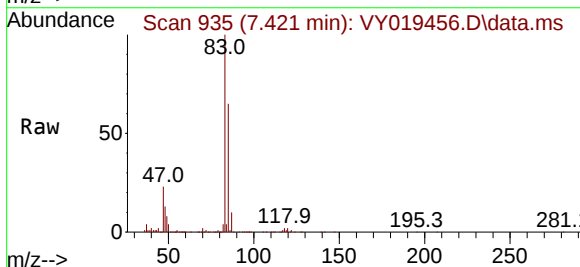
Delta R.T. 0.000 min

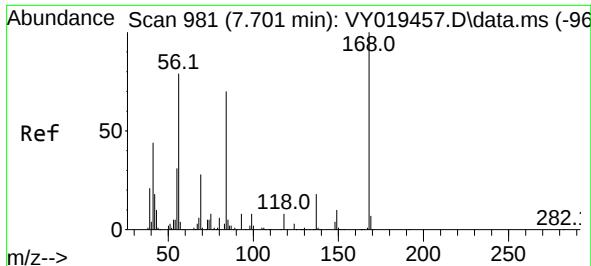
Lab File: VY019456.D

Acq: 09 Sep 2024 10:44

Tgt Ion: 83 Resp: 254025

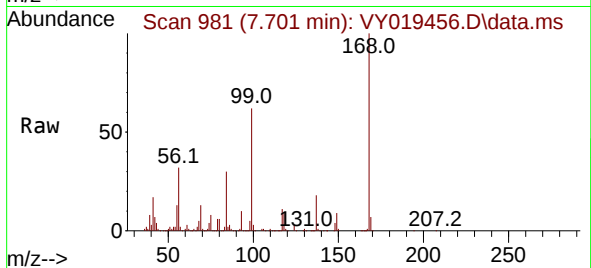
Ion	Ratio	Lower	Upper
83	100		
85	64.8	52.2	78.4





#31
Cyclohexane
Concen: 19.776 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY019456.D
Acq: 09 Sep 2024 10:44

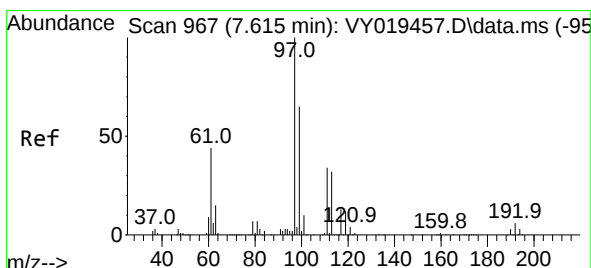
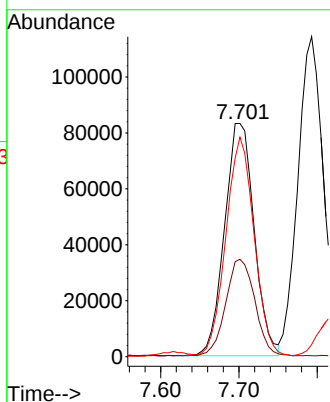
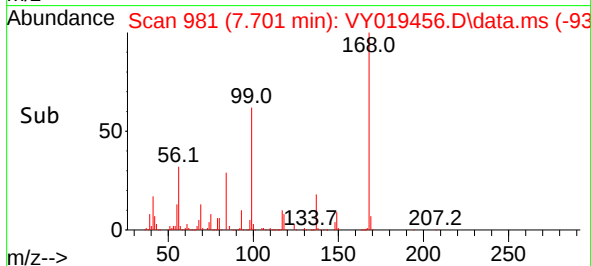
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



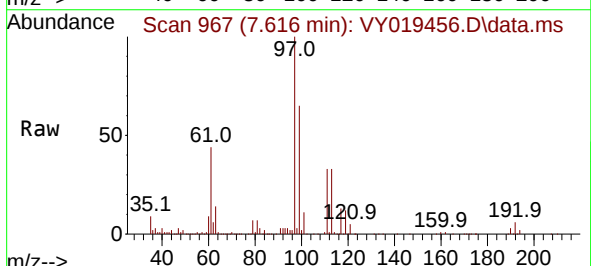
Tgt Ion: 56 Resp: 218114
Ion Ratio Lower Upper
56 100
69 41.4 28.7 43.1
84 92.7 77.7 116.5

Manual Integrations
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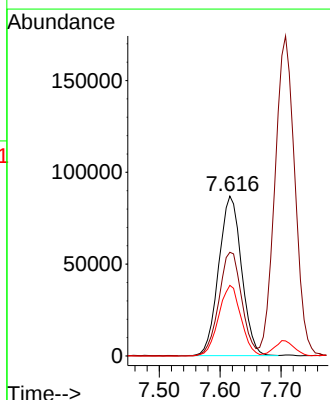
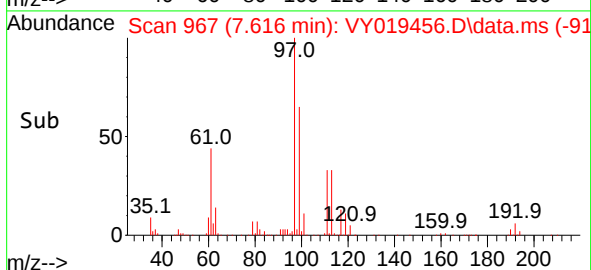
Reviewed By :Mahesh Dadoda 09/10/2024
Supervised By :Semsettin Yesilyurt 09/10/2024

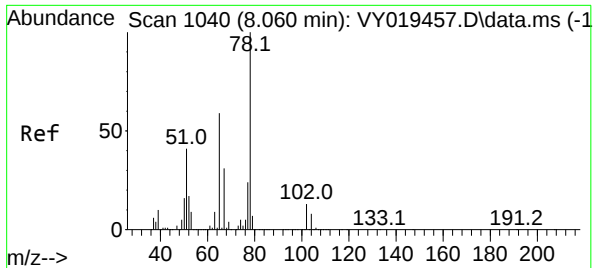


#32
1,1,1-Trichloroethane
Concen: 20.283 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY019456.D
Acq: 09 Sep 2024 10:44



Tgt Ion: 97 Resp: 226461
Ion Ratio Lower Upper
97 100
99 64.7 50.3 75.5
61 43.1 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 20.147 ug/l

RT: 8.061 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY019456.D

Acq: 09 Sep 2024 10:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

Tgt Ion: 65 Resp: 124162

Ion Ratio Lower Upper

65 100

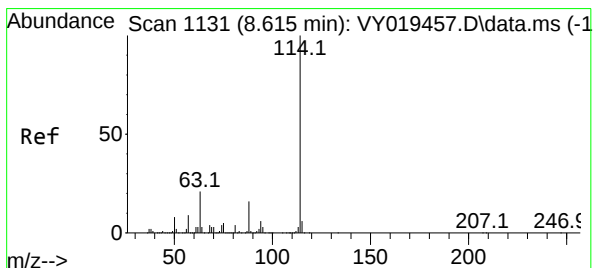
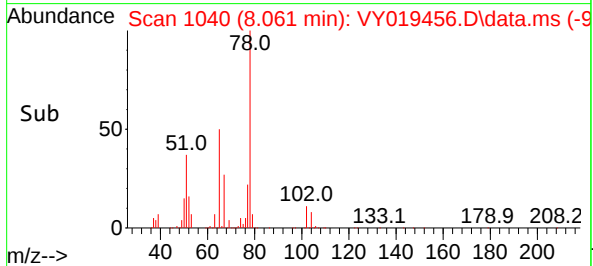
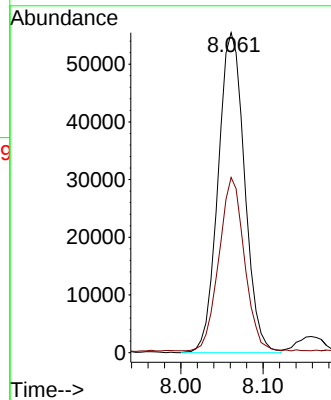
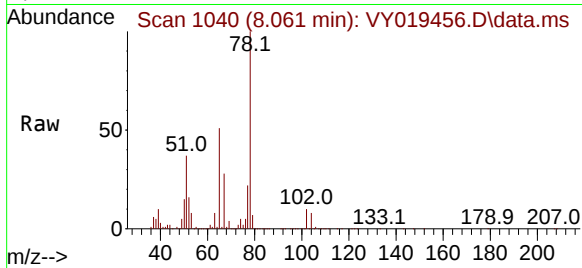
67 51.9 0.0 109.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/10/2024

Supervised By :Semsettin Yesilyurt 09/10/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY019456.D

Acq: 09 Sep 2024 10:44

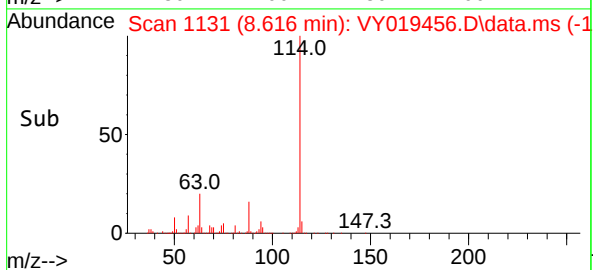
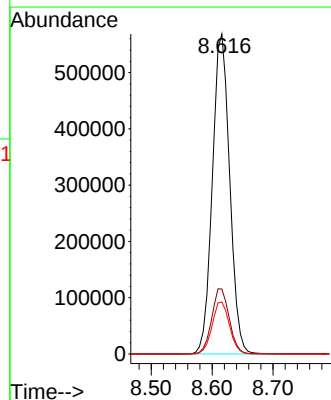
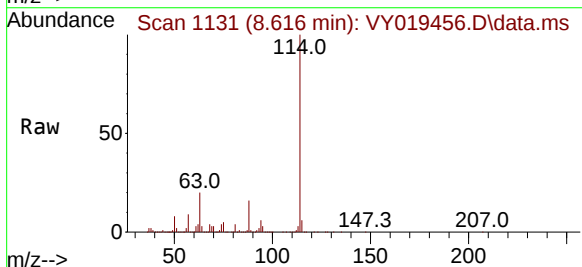
Tgt Ion:114 Resp: 1121753

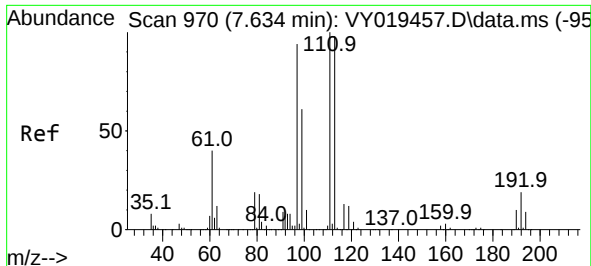
Ion Ratio Lower Upper

114 100

63 20.3 0.0 35.0

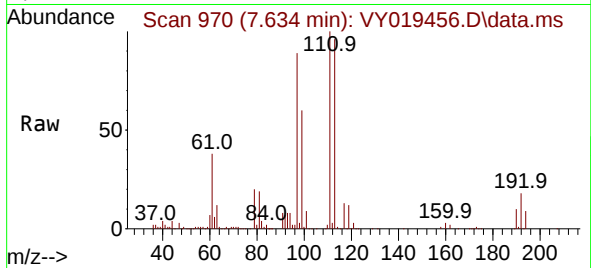
88 16.3 0.0 27.2





#35
Dibromofluoromethane
Concen: 20.278 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019456.D
Acq: 09 Sep 2024 10:44

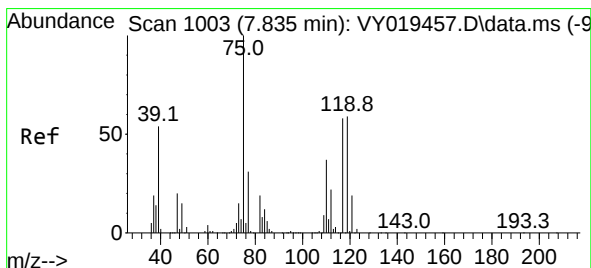
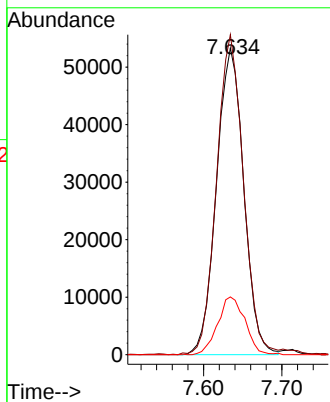
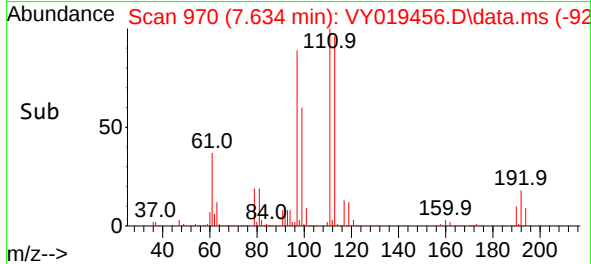
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



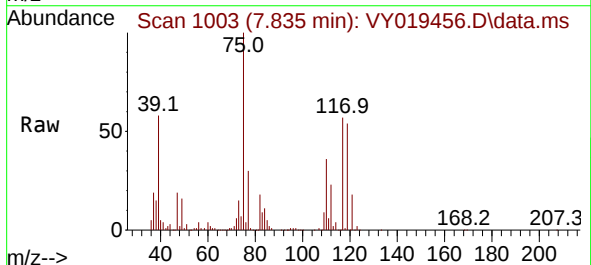
Tgt Ion: 113 Resp: 128968
Ion Ratio Lower Upper
113 100
111 103.4 82.2 123.4
192 18.9 15.9 23.9

Manual Integrations
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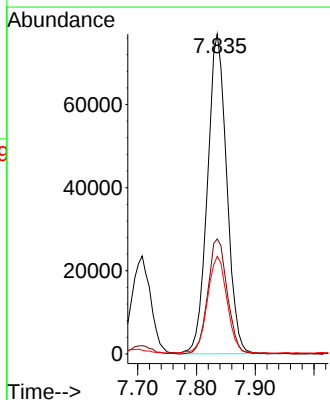
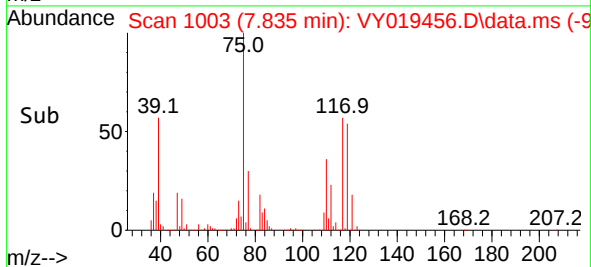
Reviewed By :Mahesh Dadoda 09/10/2024
Supervised By :Semsettin Yesilyurt 09/10/2024

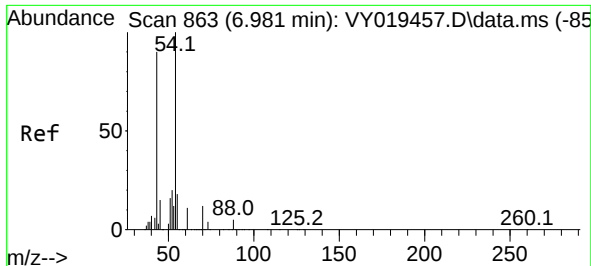


#36
1,1-Dichloropropene
Concen: 20.247 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.000 min
Lab File: VY019456.D
Acq: 09 Sep 2024 10:44



Tgt Ion: 75 Resp: 175223
Ion Ratio Lower Upper
75 100
110 36.4 19.0 57.0
77 30.9 25.3 37.9





#37

Ethyl Acetate

Concen: 20.548 ug/l

RT: 6.982 min Scan# 80

Delta R.T. 0.000 min

Lab File: VY019456.D

Acq: 09 Sep 2024 10:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

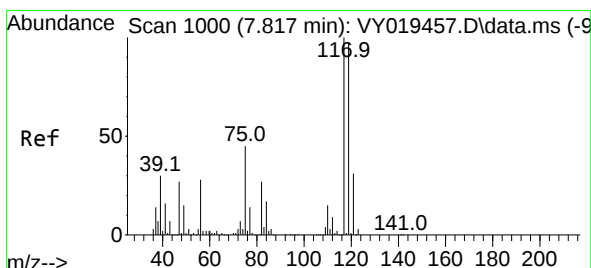
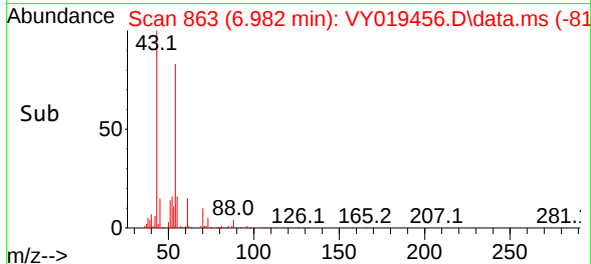
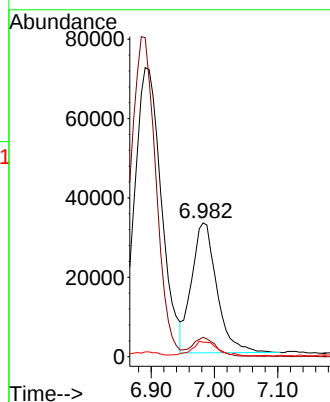
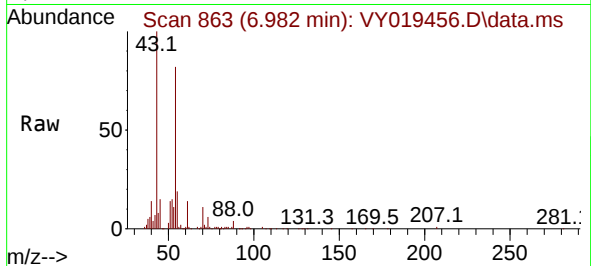
Tgt Ion: 43 Resp: 9111

Ion	Ratio	Lower	Upper
43	100		
61	13.8	12.6	19.0
70	10.9	7.8	11.8

Manual Integrations

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Reviewed By :Mahesh Dadoda 09/10/2024
Supervised By :Semsettin Yesilyurt 09/10/2024



#38

Carbon Tetrachloride

Concen: 20.289 ug/l

RT: 7.817 min Scan# 1000

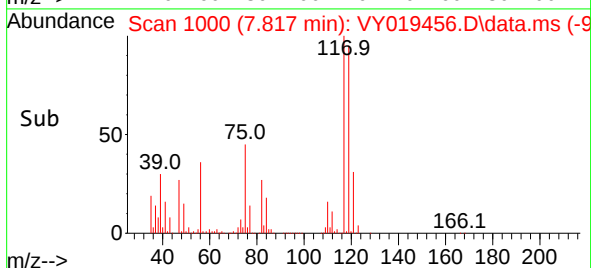
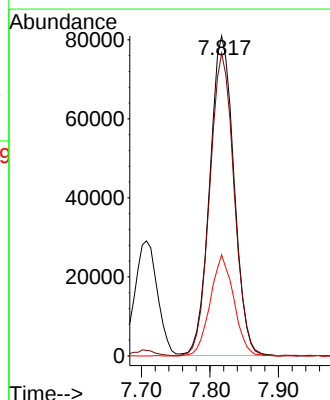
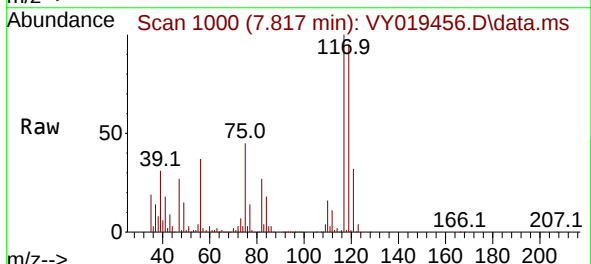
Delta R.T. 0.000 min

Lab File: VY019456.D

Acq: 09 Sep 2024 10:44

Tgt Ion:117 Resp: 198006

Ion	Ratio	Lower	Upper
117	100		
119	94.7	75.8	113.6
121	31.6	24.0	36.0





#39

Methylcyclohexane

Concen: 20.042 ug/l

RT: 9.110 min Scan# 1212

Delta R.T. 0.000 min

Lab File: VY019456.D

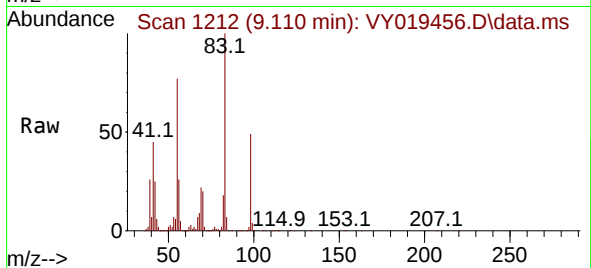
Acq: 09 Sep 2024 10:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

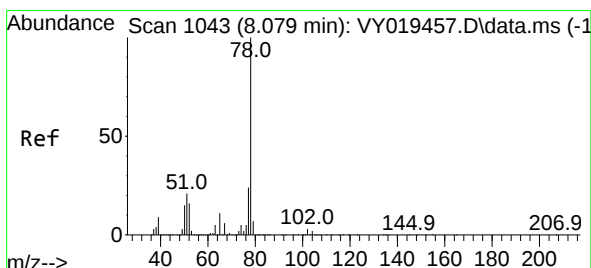
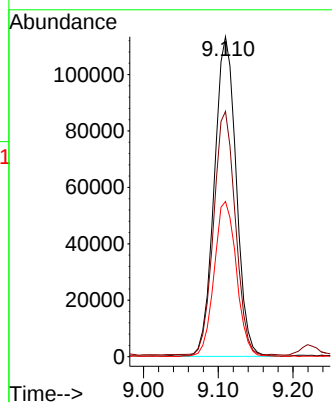
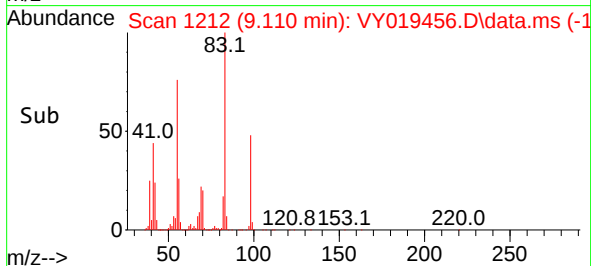


Tgt Ion:	83	Resp:	23082
Ion	Ratio	Lower	Upper
83	100		
55	76.2	51.5	77.3
98	48.5	40.5	60.7

Manual Integrations

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Reviewed By :Mahesh Dadoda 09/10/2024
Supervised By :Semsettin Yesilyurt 09/10/2024



#40

Benzene

Concen: 20.390 ug/l

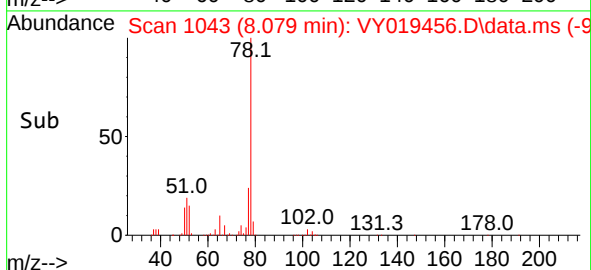
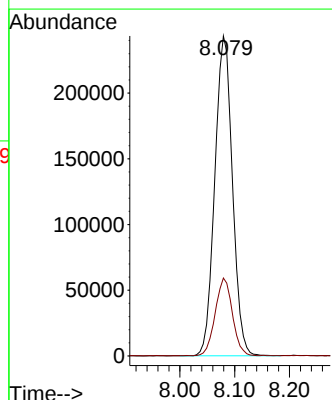
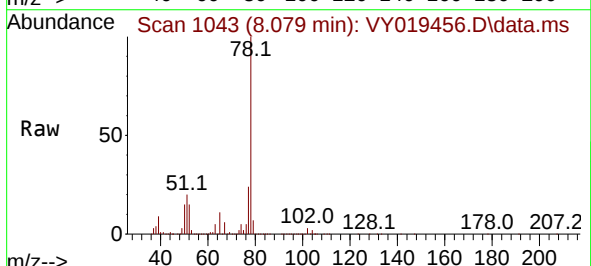
RT: 8.079 min Scan# 1043

Delta R.T. 0.000 min

Lab File: VY019456.D

Acq: 09 Sep 2024 10:44

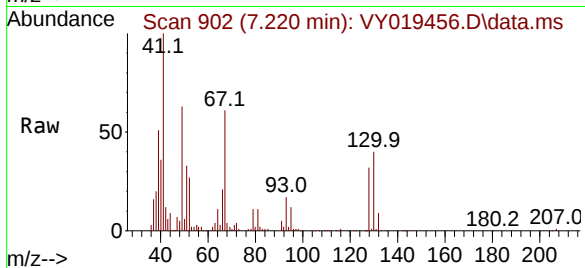
Tgt Ion:	78	Resp:	543507
Ion	Ratio	Lower	Upper
78	100		
77	24.3	19.5	29.3





#41
Methacrylonitrile
Concen: 22.033 ug/l
RT: 7.220 min Scan# 902
Delta R.T. 0.000 min
Lab File: VY019456.D
Acq: 09 Sep 2024 10:44

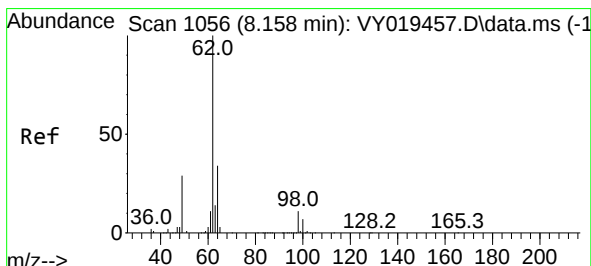
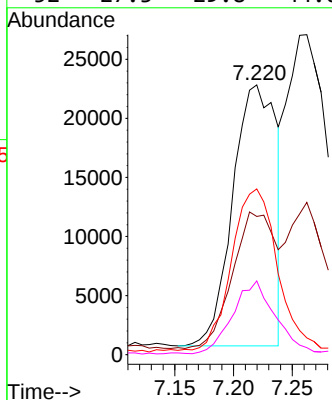
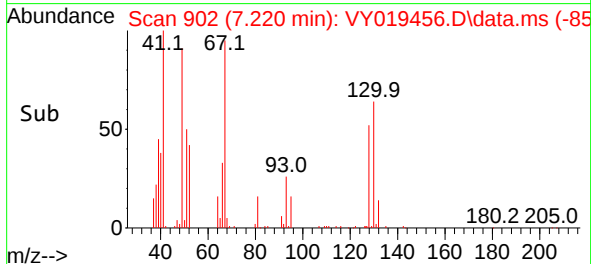
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



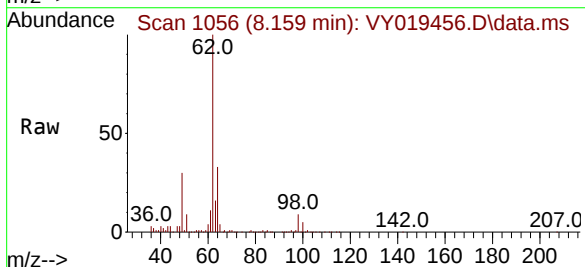
Tgt Ion: 41 Resp: 56708
Ion Ratio Lower Upper
41 100
39 51.4 48.0 72.0
67 67.3 75.1 112.7
52 27.3 29.8 44.6

Manual Integrations
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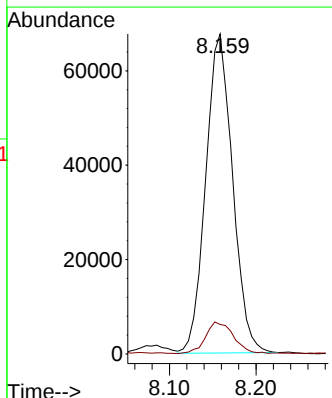
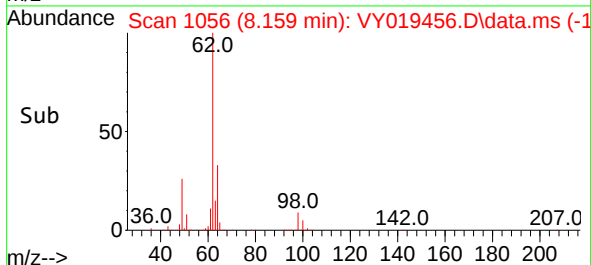
Reviewed By :Mahesh Dadoda 09/10/2024
Supervised By :Semsettin Yesilyurt 09/10/2024



#42
1,2-Dichloroethane
Concen: 20.315 ug/l
RT: 8.159 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY019456.D
Acq: 09 Sep 2024 10:44



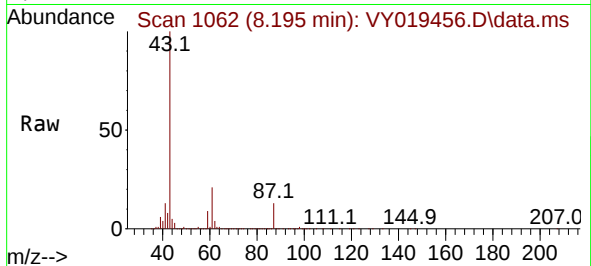
Tgt Ion: 62 Resp: 145710
Ion Ratio Lower Upper
62 100
98 10.3 0.0 22.0





#43
Isopropyl Acetate
Concen: 20.584 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VY019456.D
Acq: 09 Sep 2024 10:44

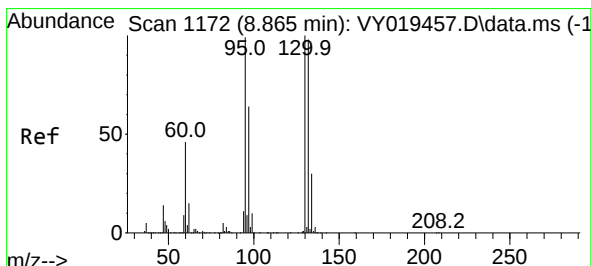
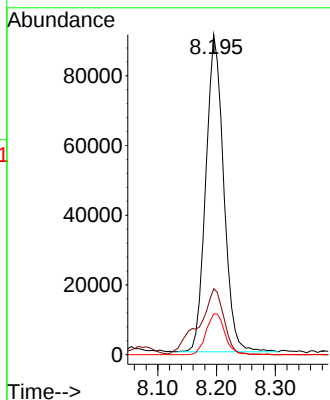
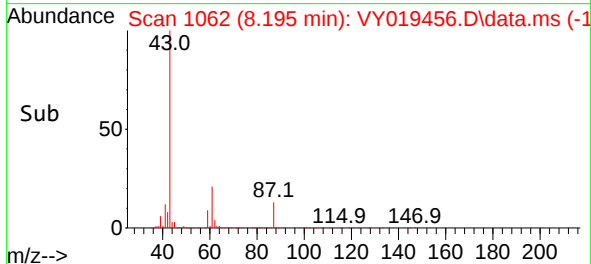
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



Tgt Ion: 43 Resp: 19175
Ion Ratio Lower Upper
43 100
61 28.8 27.9 41.9
87 13.6 13.1 19.7

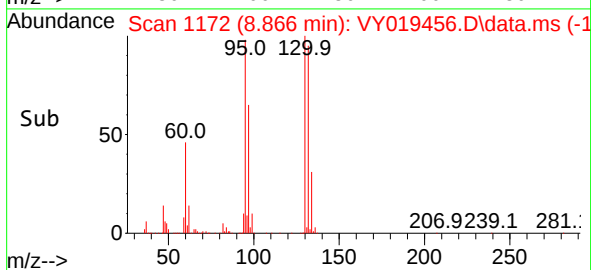
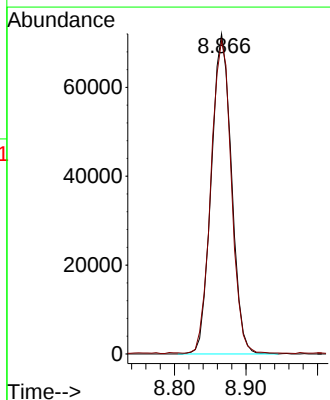
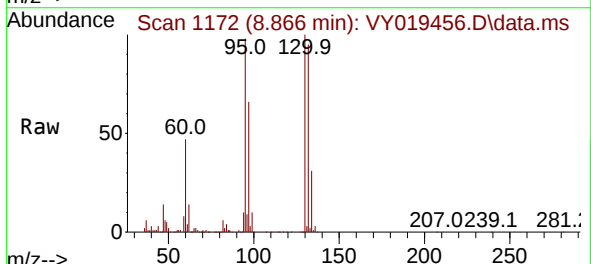
Manual Integrations
APPROVED

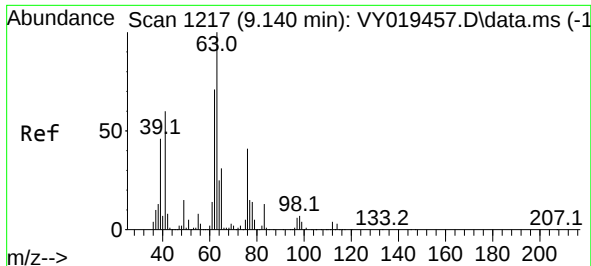
Reviewed By :Mahesh Dadoda 09/10/2024
Supervised By :Semsettin Yesilyurt 09/10/2024



#44
Trichloroethene
Concen: 20.613 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY019456.D
Acq: 09 Sep 2024 10:44

Tgt Ion:130 Resp: 141307
Ion Ratio Lower Upper
130 100
95 97.7 0.0 188.0





#45

1,2-Dichloropropane

Concen: 20.609 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY019456.D

Acq: 09 Sep 2024 10:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

Tgt Ion: 63 Resp: 13430

Ion Ratio Lower Upper

63 100

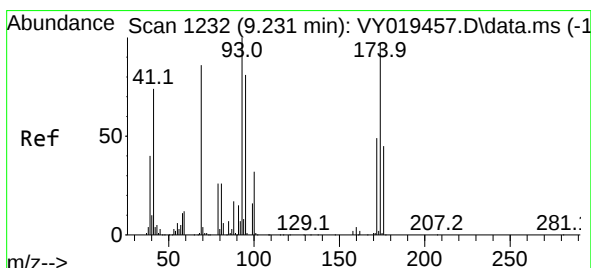
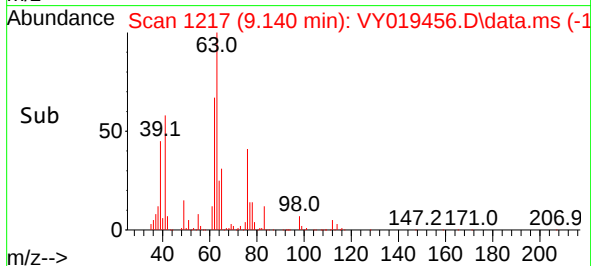
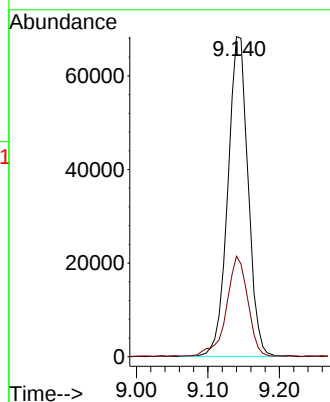
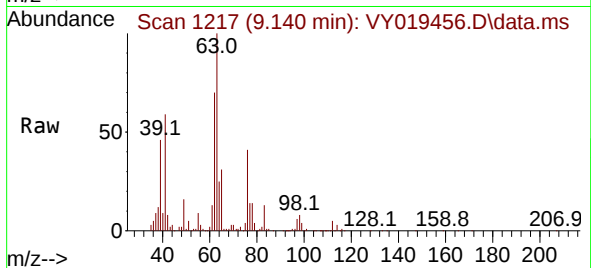
65 31.2 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/10/2024

Supervised By :Semsettin Yesilyurt 09/10/2024



#46

Dibromomethane

Concen: 20.435 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY019456.D

Acq: 09 Sep 2024 10:44

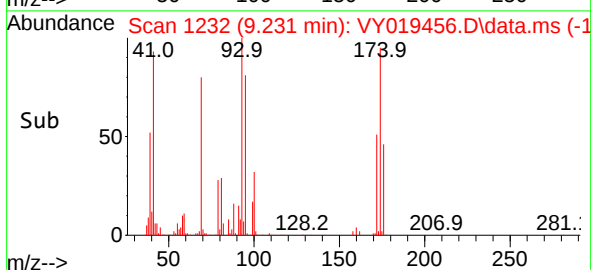
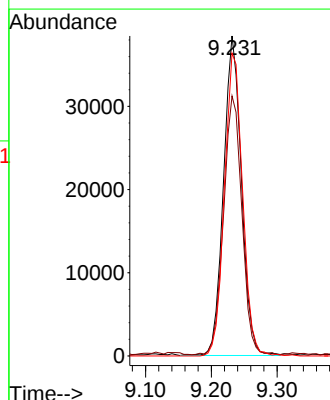
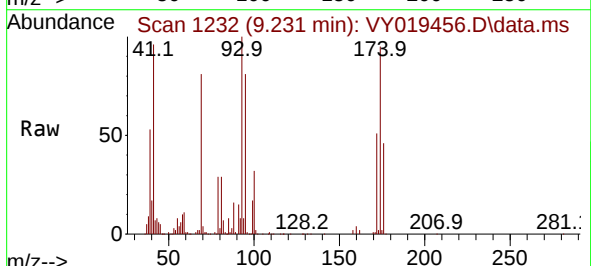
Tgt Ion: 93 Resp: 72823

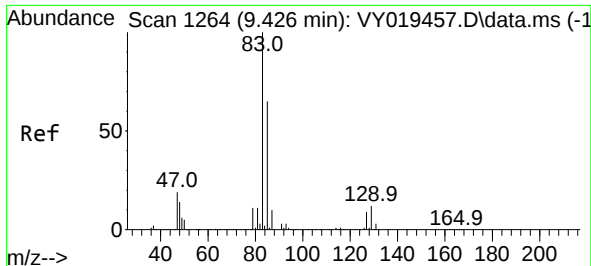
Ion Ratio Lower Upper

93 100

95 82.8 66.2 99.4

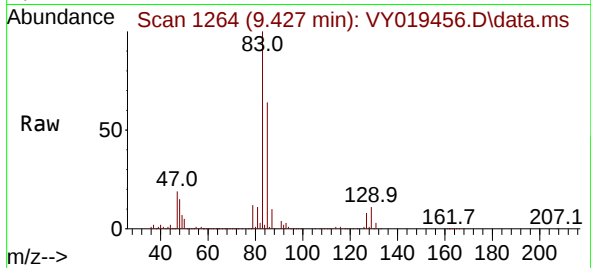
174 96.1 80.9 121.3





#47
Bromodichloromethane
Concen: 20.193 ug/l
RT: 9.427 min Scan# 1264
Delta R.T. 0.000 min
Lab File: VY019456.D
Acq: 09 Sep 2024 10:44

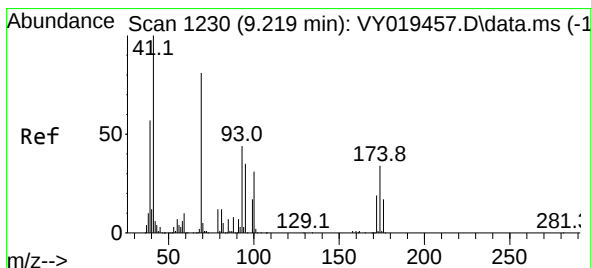
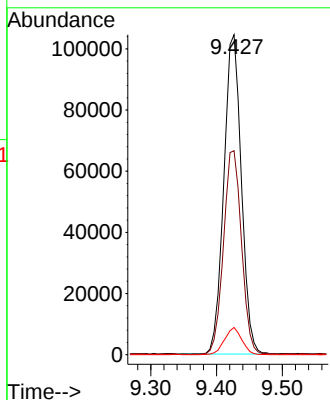
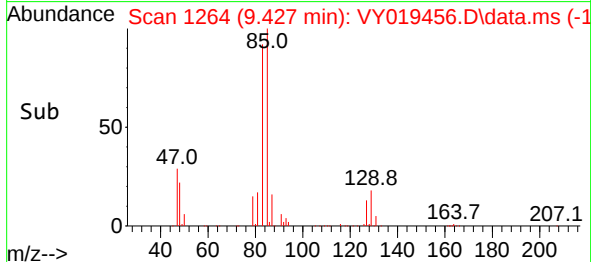
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



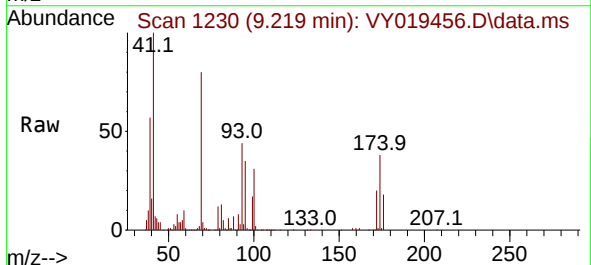
Tgt Ion: 83 Resp: 193440
Ion Ratio Lower Upper
83 100
85 63.8 50.1 75.1
127 8.5 7.4 11.0

Manual Integrations
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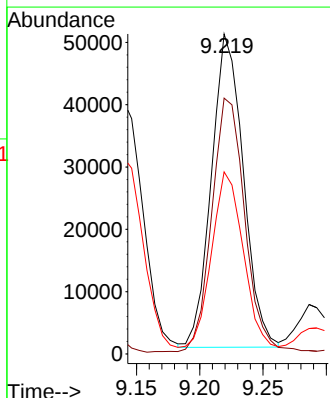
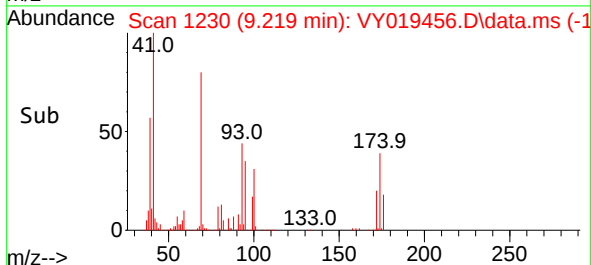
Reviewed By :Mahesh Dadoda 09/10/2024
Supervised By :Semsettin Yesilyurt 09/10/2024



#48
Methyl methacrylate
Concen: 20.058 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VY019456.D
Acq: 09 Sep 2024 10:44



Tgt Ion: 41 Resp: 88240
Ion Ratio Lower Upper
41 100
69 83.4 84.1 126.1#
39 55.5 43.6 65.4





#49

1,4-Dioxane

Concen: 384.607 ug/l

RT: 9.238 min Scan# 1233

Delta R.T. 0.007 min

Lab File: VY019456.D

Acq: 09 Sep 2024 10:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

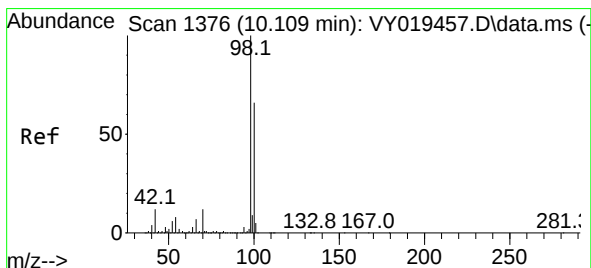
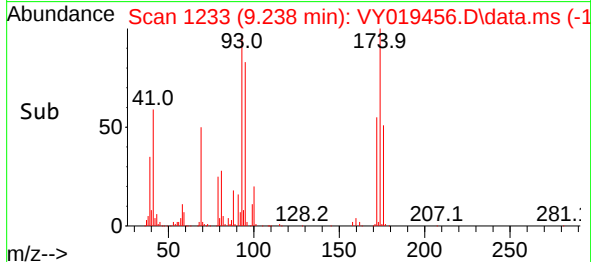
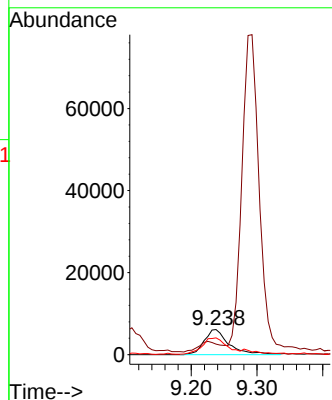
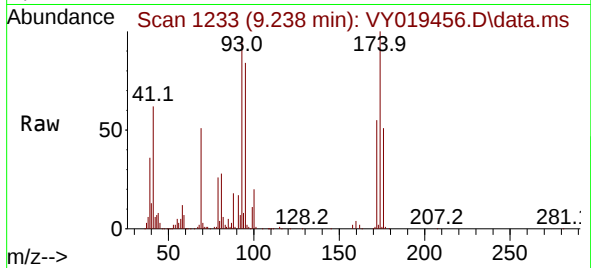
Tgt Ion: 88 Resp: 16135

Ion	Ratio	Lower	Upper
88	100		
43	33.6	0.0	0.0
58	63.7	49.3	73.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/10/2024
Supervised By :Semsettin Yesilyurt 09/10/2024



#50

Toluene-d8

Concen: 20.128 ug/l

RT: 10.109 min Scan# 1376

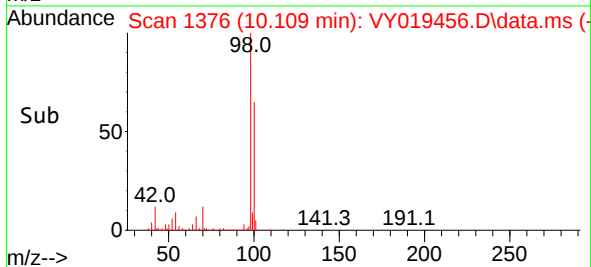
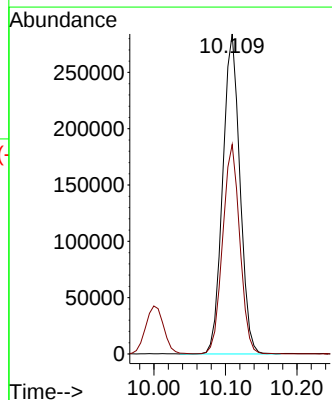
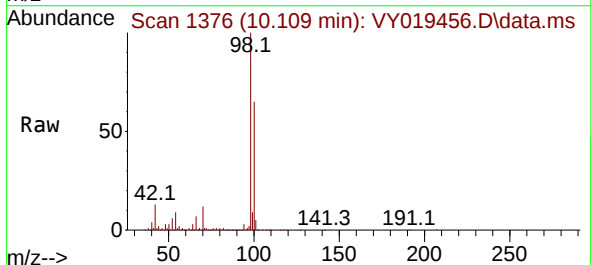
Delta R.T. 0.000 min

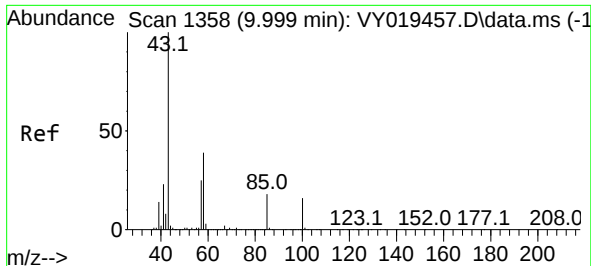
Lab File: VY019456.D

Acq: 09 Sep 2024 10:44

Tgt Ion: 98 Resp: 473505

Ion	Ratio	Lower	Upper
98	100		
100	65.2	52.0	78.0





#51

4-Methyl-2-Pentanone

Concen: 102.353 ug/l

RT: 10.000 min Scan# 1358

Delta R.T. 0.000 min

Lab File: VY019456.D

Acq: 09 Sep 2024 10:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

Tgt Ion: 43 Resp: 479708

Ion Ratio Lower Upper

43 100

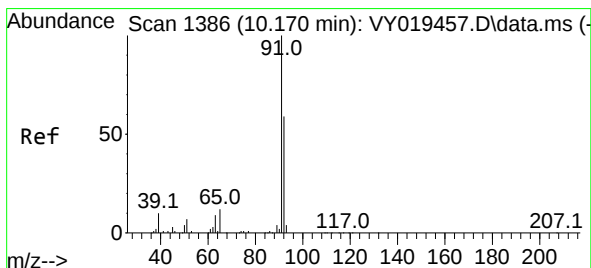
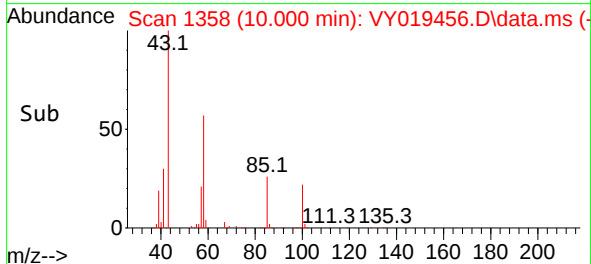
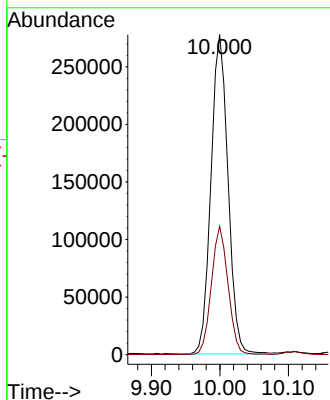
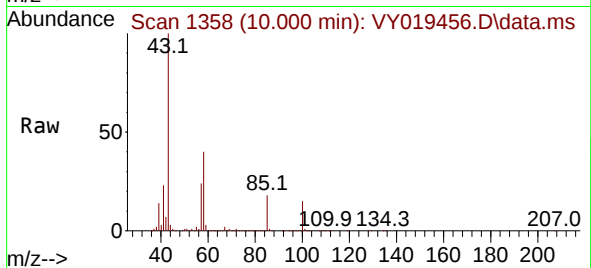
58 39.1 35.7 53.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/10/2024

Supervised By :Semsettin Yesilyurt 09/10/2024



#52

Toluene

Concen: 20.278 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. 0.000 min

Lab File: VY019456.D

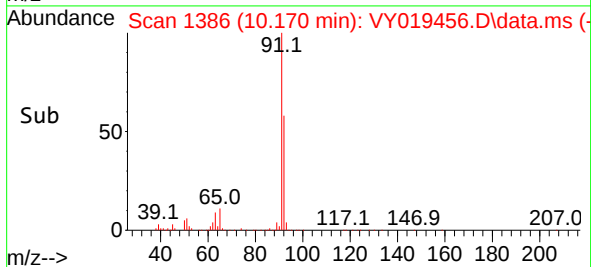
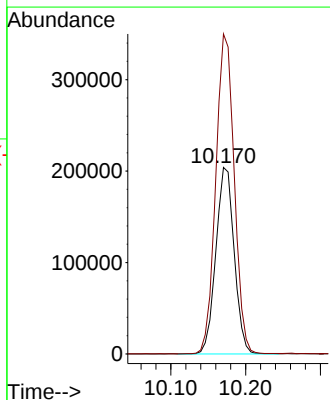
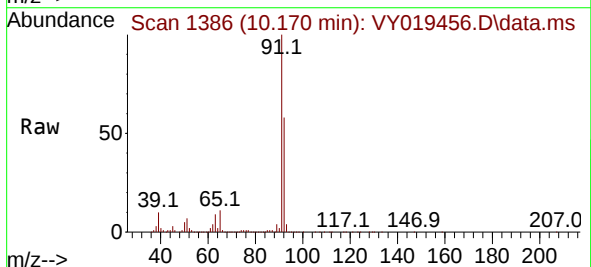
Acq: 09 Sep 2024 10:44

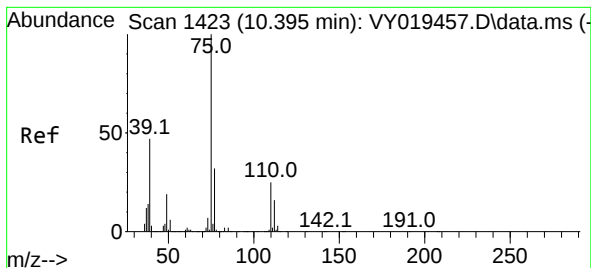
Tgt Ion: 92 Resp: 347634

Ion Ratio Lower Upper

92 100

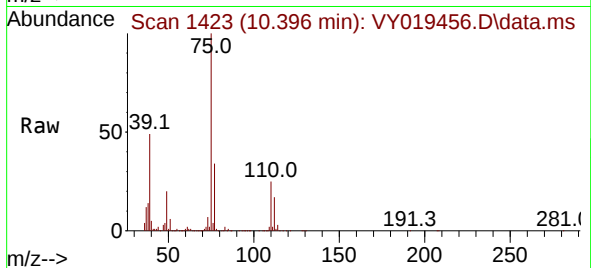
91 173.0 139.0 208.6





#53
t-1,3-Dichloropropene
Concen: 20.455 ug/l
RT: 10.396 min Scan# 1423
Delta R.T. 0.000 min
Lab File: VY019456.D
Acq: 09 Sep 2024 10:44

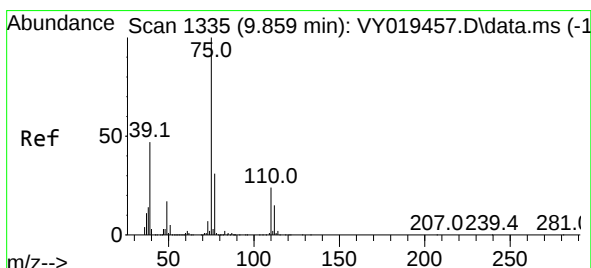
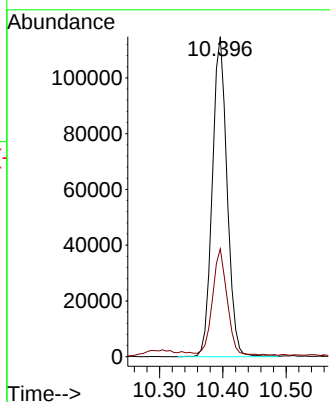
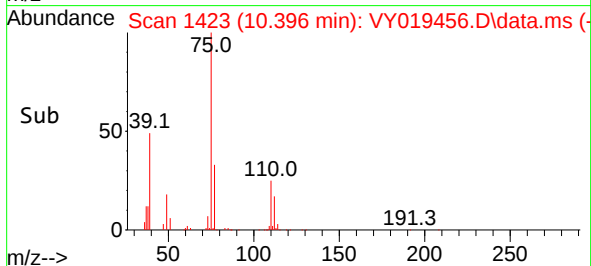
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



Tgt Ion: 75 Resp: 186789
Ion Ratio Lower Upper
75 100
77 33.3 24.1 36.1

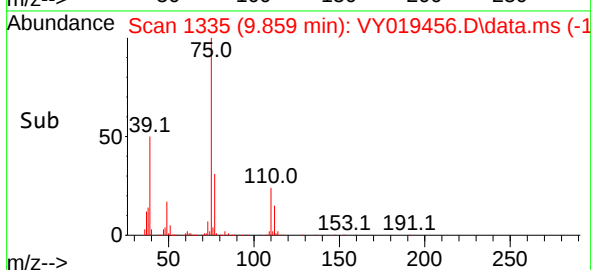
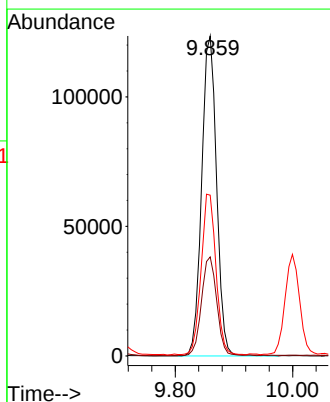
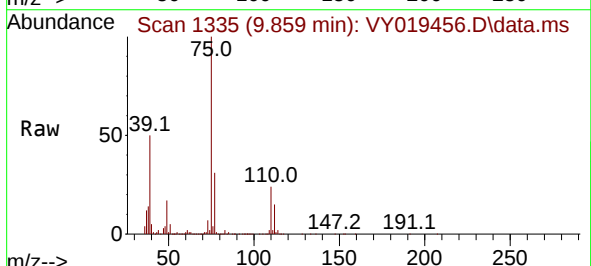
Manual Integrations
APPROVED

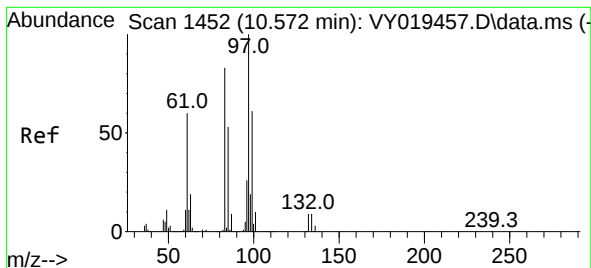
Reviewed By :Mahesh Dadoda 09/10/2024
Supervised By :Semsettin Yesilyurt 09/10/2024



#54
cis-1,3-Dichloropropene
Concen: 20.473 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. 0.000 min
Lab File: VY019456.D
Acq: 09 Sep 2024 10:44

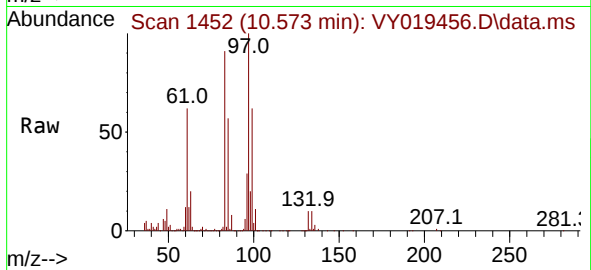
Tgt Ion: 75 Resp: 217694
Ion Ratio Lower Upper
75 100
77 30.8 25.4 38.0
39 49.8 29.8 44.6#





#55
1,1,2-Trichloroethane
Concen: 19.989 ug/l
RT: 10.573 min Scan# 1452
Delta R.T. 0.000 min
Lab File: VY019456.D
Acq: 09 Sep 2024 10:44

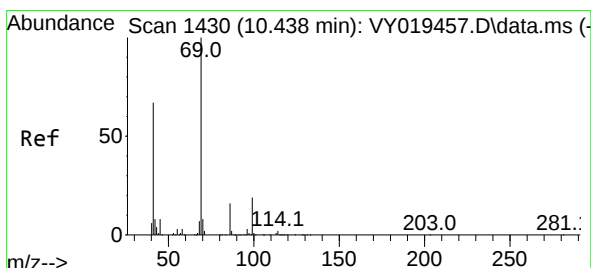
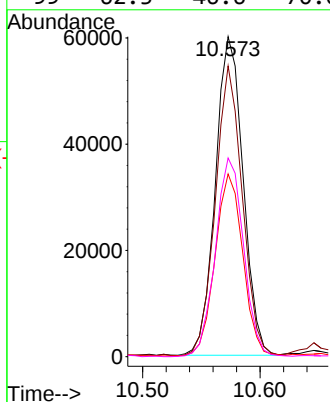
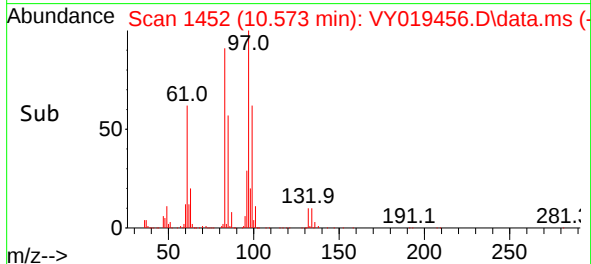
Instrument : MSVOA_Y
ClientSampleId : VSTDICC020



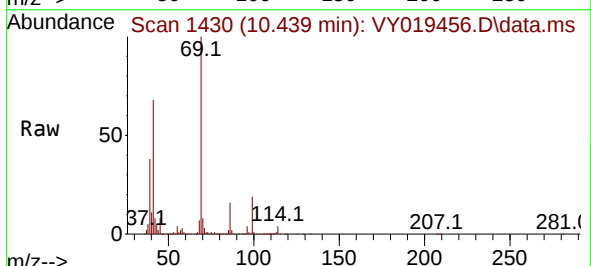
Tgt Ion:	97	Resp:	9837
Ion Ratio	Lower	Upper	
97	100		
83	90.9	67.5	101.3
85	57.0	42.9	64.3
99	62.3	46.6	70.0

Manual Integrations
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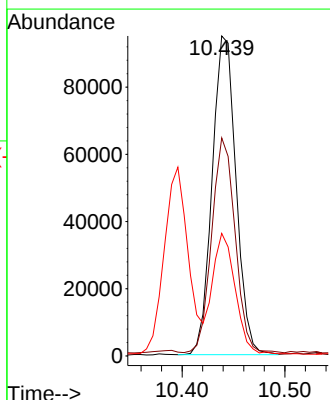
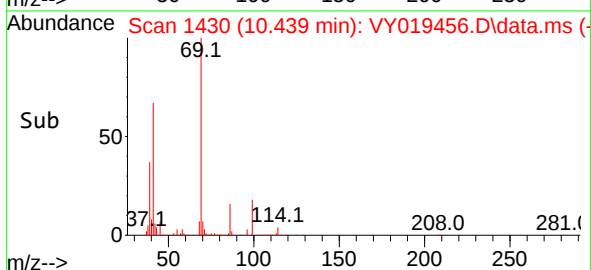
Reviewed By :Mahesh Dadoda 09/10/2024
Supervised By :Semsettin Yesilyurt 09/10/2024

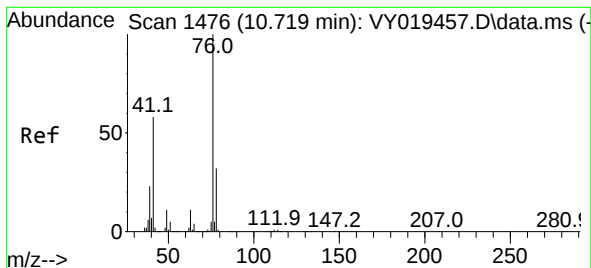


#56
Ethyl methacrylate
Concen: 20.466 ug/l
RT: 10.439 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VY019456.D
Acq: 09 Sep 2024 10:44



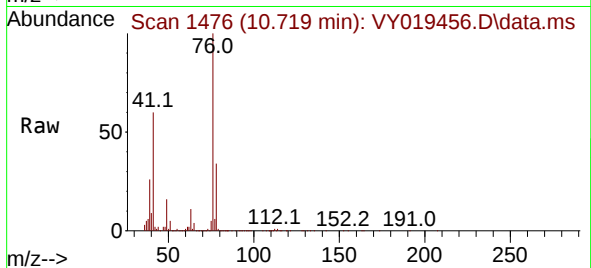
Tgt Ion:	69	Resp:	152995
Ion Ratio	Lower	Upper	
69	100		
41	65.9	42.3	63.5#
39	36.1	22.9	34.3#





#57
1,3-Dichloropropane
Concen: 20.612 ug/l
RT: 10.719 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VY019456.D
Acq: 09 Sep 2024 10:44

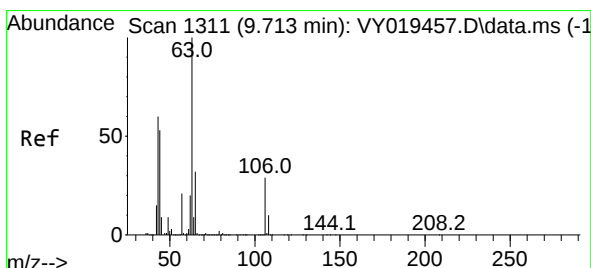
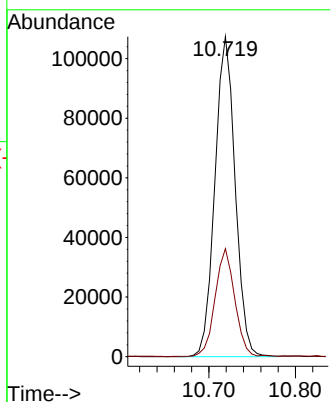
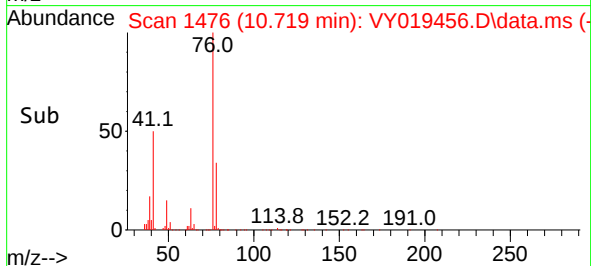
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



Tgt Ion: 76 Resp: 17436
Ion Ratio Lower Upper
76 100
78 33.0 26.2 39.4

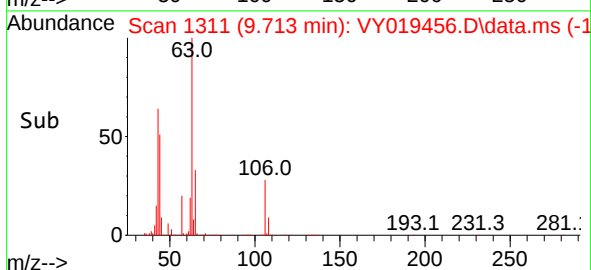
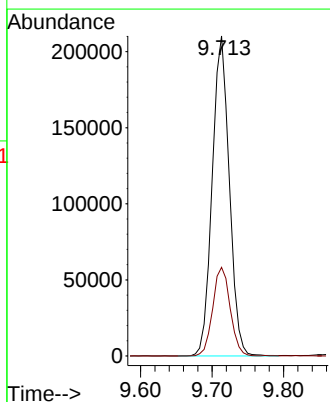
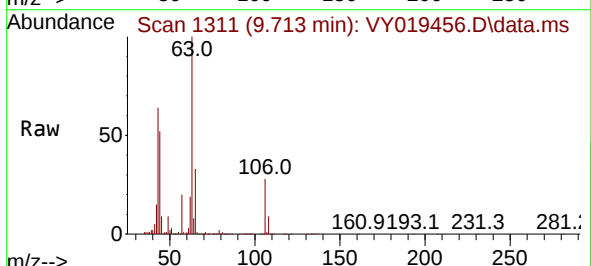
Manual Integrations
APPROVED

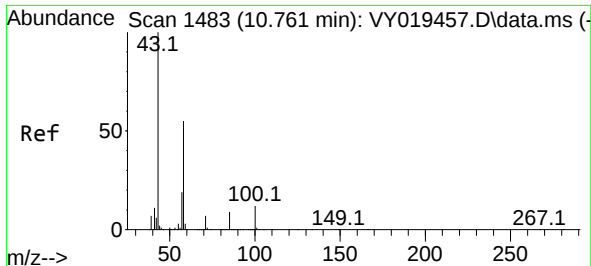
Reviewed By :Mahesh Dadoda 09/10/2024
Supervised By :Semsettin Yesilyurt 09/10/2024



#58
2-Chloroethyl Vinyl ether
Concen: 100.584 ug/l
RT: 9.713 min Scan# 1311
Delta R.T. 0.000 min
Lab File: VY019456.D
Acq: 09 Sep 2024 10:44

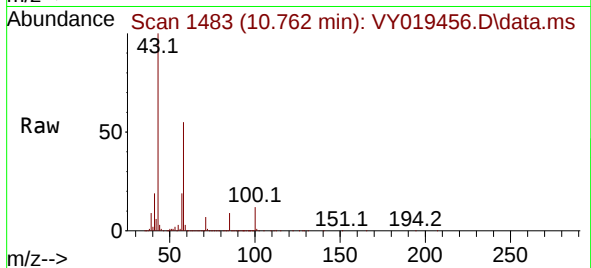
Tgt Ion: 63 Resp: 348996
Ion Ratio Lower Upper
63 100
106 28.3 23.7 35.5





#59
2-Hexanone
Concen: 103.222 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY019456.D
Acq: 09 Sep 2024 10:44

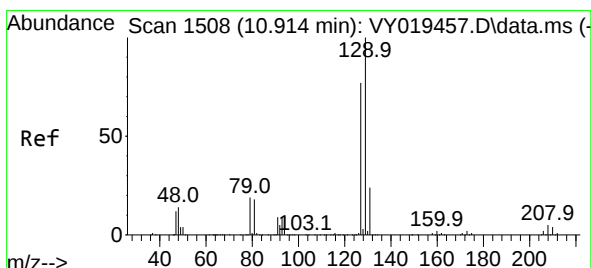
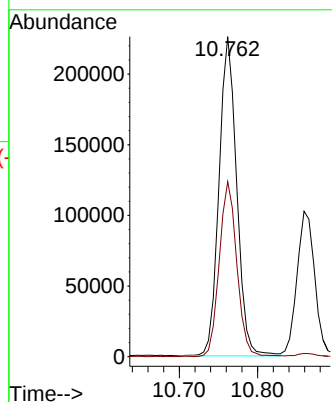
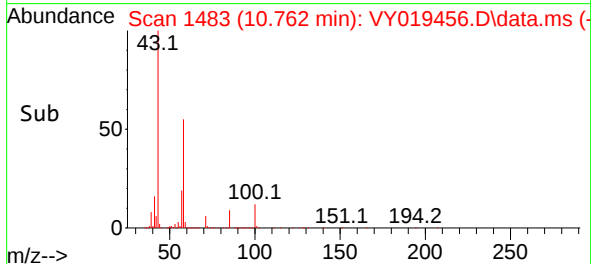
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



Tgt Ion: 43 Resp: 354679
Ion Ratio Lower Upper
43 100
58 54.3 31.4 94.0

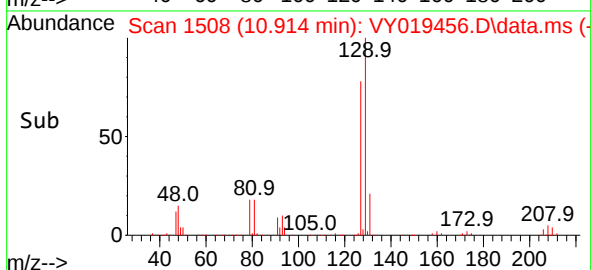
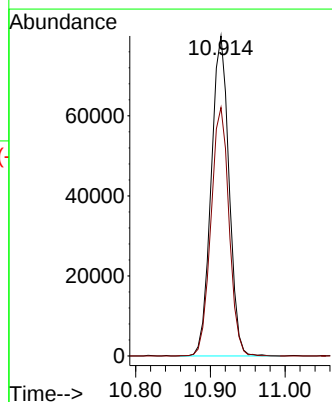
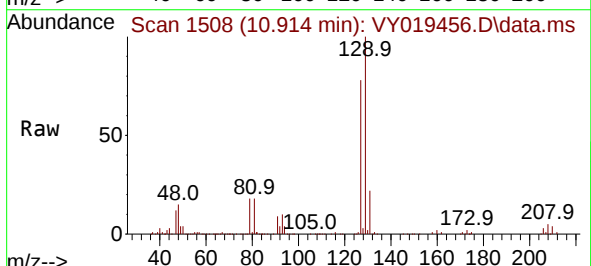
Manual Integrations
APPROVED

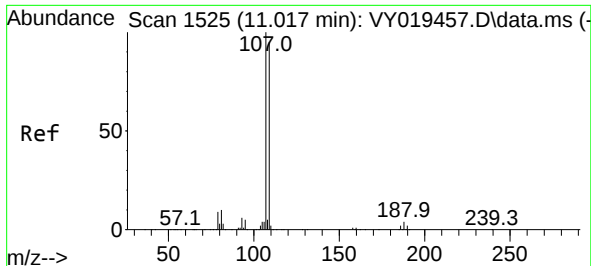
Reviewed By :Mahesh Dadoda 09/10/2024
Supervised By :Semsettin Yesilyurt 09/10/2024



#60
Dibromochloromethane
Concen: 20.461 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.000 min
Lab File: VY019456.D
Acq: 09 Sep 2024 10:44

Tgt Ion:129 Resp: 133200
Ion Ratio Lower Upper
129 100
127 78.4 39.0 117.0





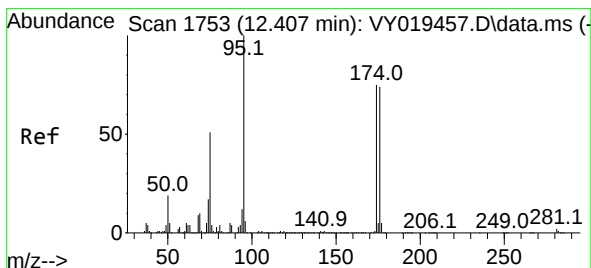
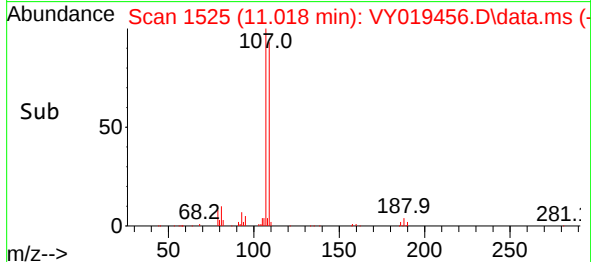
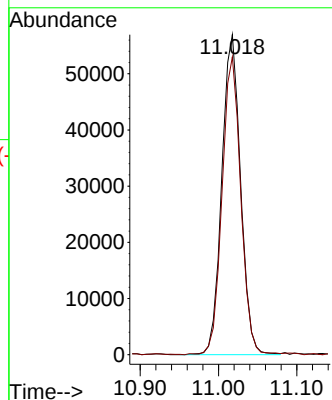
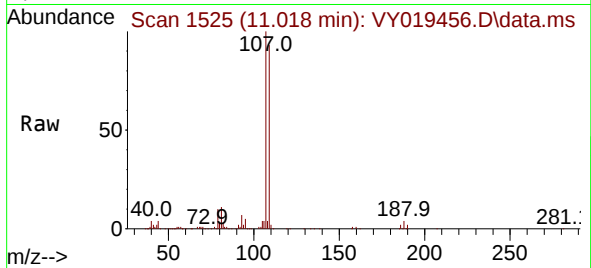
#61
1,2-Dibromoethane
Concen: 20.680 ug/l
RT: 11.018 min Scan# 1525
Delta R.T. 0.000 min
Lab File: VY019456.D
Acq: 09 Sep 2024 10:44

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion:107 Resp: 9482
Ion Ratio Lower Upper
107 100
109 92.8 75.9 113.9

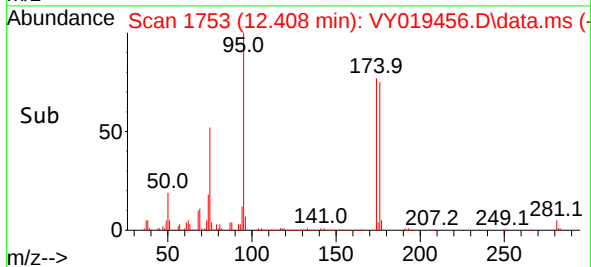
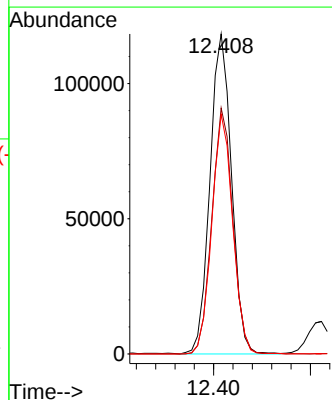
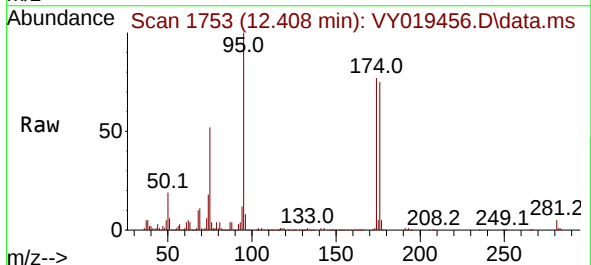
Manual Integrations
APPROVED

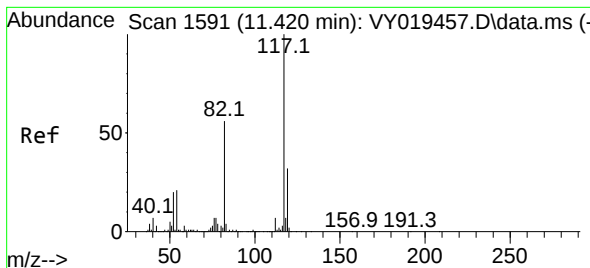
Reviewed By :Mahesh Dadoda 09/10/2024
Supervised By :Semsettin Yesilyurt 09/10/2024



#62
4-Bromofluorobenzene
Concen: 20.204 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY019456.D
Acq: 09 Sep 2024 10:44

Tgt Ion: 95 Resp: 182751
Ion Ratio Lower Upper
95 100
174 74.9 0.0 175.6
176 72.6 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019456.D

Acq: 09 Sep 2024 10:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

Tgt Ion:117 Resp: 95756

Ion Ratio Lower Upper

117 100

82 54.8 42.4 63.6

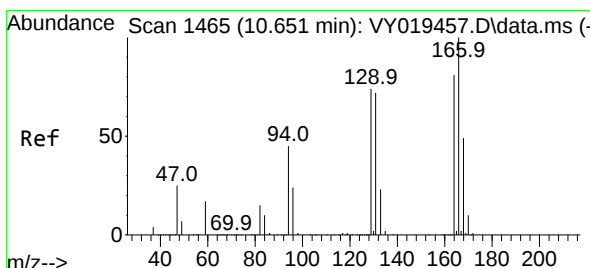
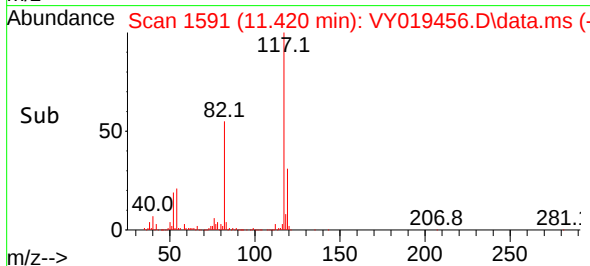
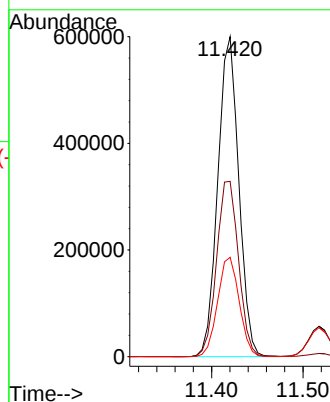
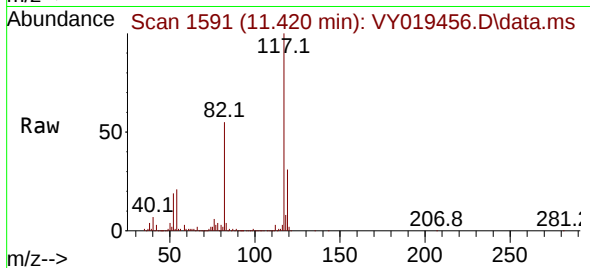
119 31.0 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/10/2024

Supervised By :Semsettin Yesilyurt 09/10/2024



#64

Tetrachloroethene

Concen: 20.213 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VY019456.D

Acq: 09 Sep 2024 10:44

Tgt Ion:164 Resp: 119858

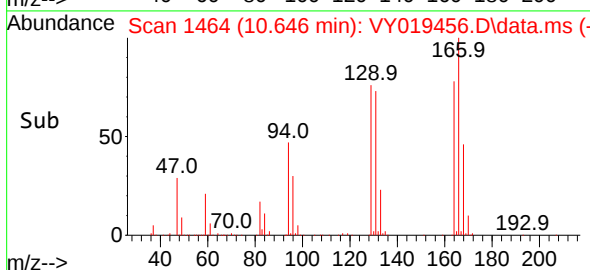
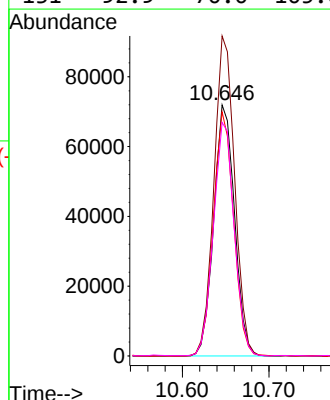
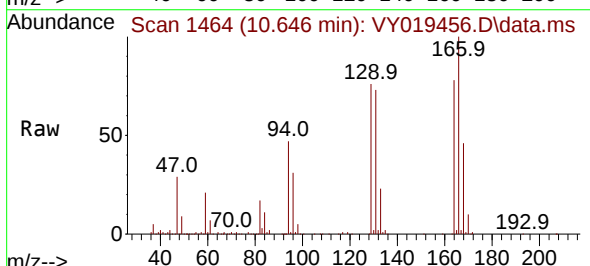
Ion Ratio Lower Upper

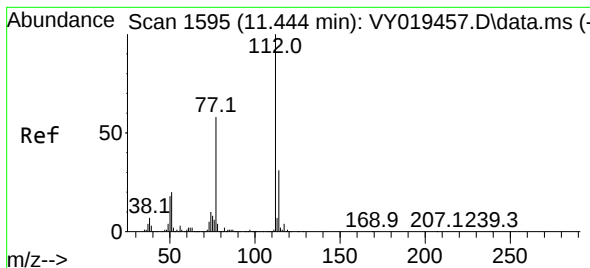
164 100

166 127.4 102.6 154.0

129 97.1 72.0 108.0

131 92.9 70.0 105.0





#65

Chlorobenzene

Concen: 20.534 ug/l

RT: 11.445 min Scan# 1595

Delta R.T. 0.000 min

Lab File: VY019456.D

Acq: 09 Sep 2024 10:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

Tgt Ion:112 Resp: 386770

Ion Ratio Lower Upper

112 100

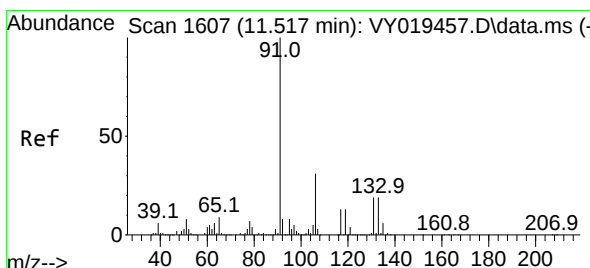
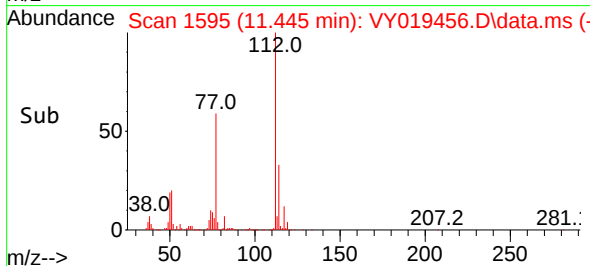
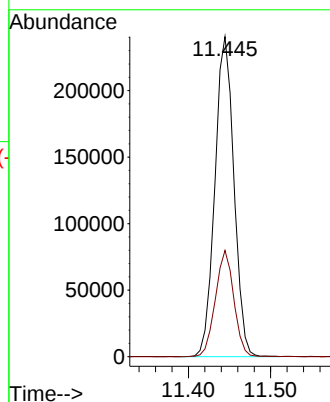
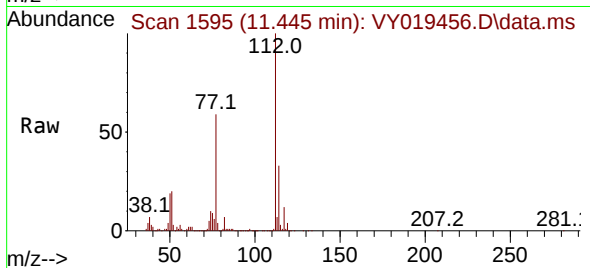
114 33.2 26.4 39.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/10/2024

Supervised By :Semsettin Yesilyurt 09/10/2024



#66

1,1,1,2-Tetrachloroethane

Concen: 20.471 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY019456.D

Acq: 09 Sep 2024 10:44

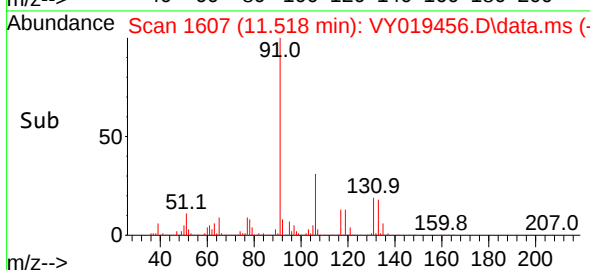
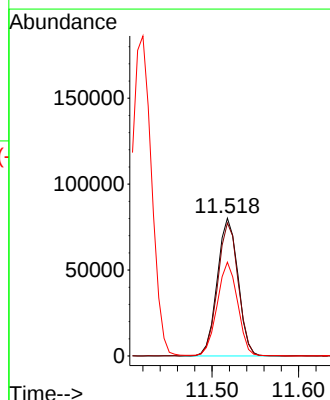
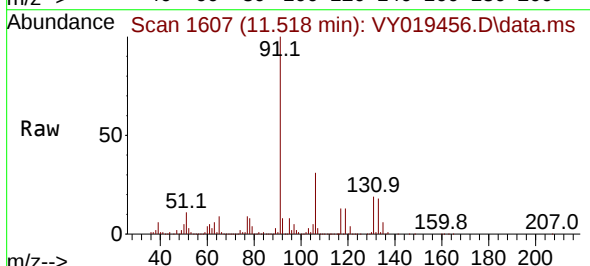
Tgt Ion:131 Resp: 133506

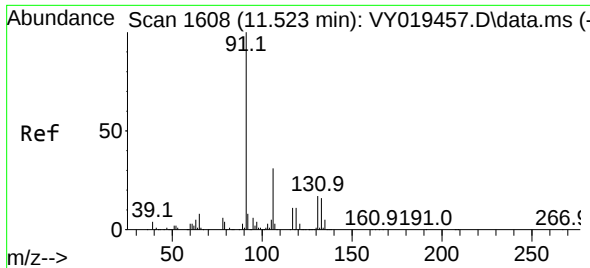
Ion Ratio Lower Upper

131 100

133 95.7 47.8 143.3

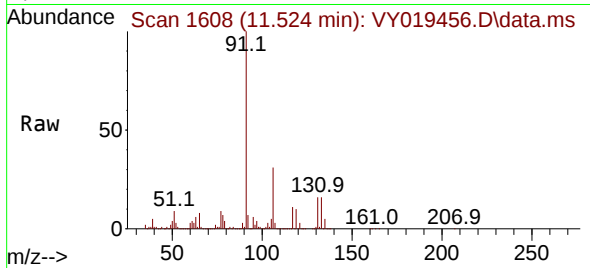
119 67.3 34.1 102.2





#67
Ethyl Benzene
Concen: 20.551 ug/l
RT: 11.524 min Scan# 1608
Delta R.T. 0.000 min
Lab File: VY019456.D
Acq: 09 Sep 2024 10:44

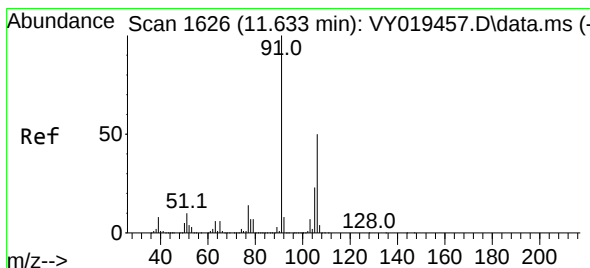
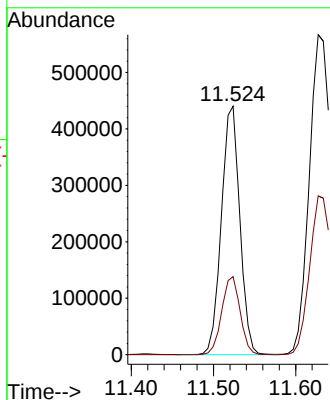
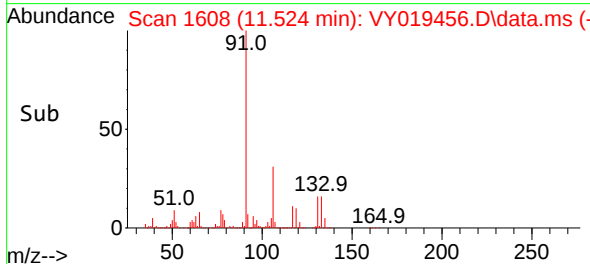
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



Tgt Ion: 91 Resp: 687798
Ion Ratio Lower Upper
91 100
106 31.4 24.5 36.7

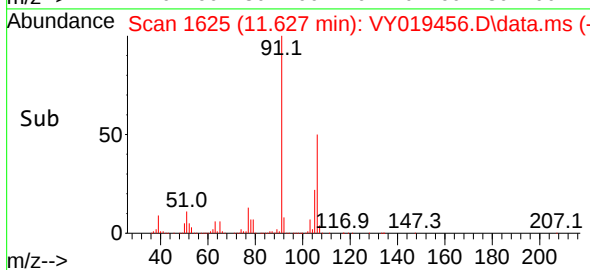
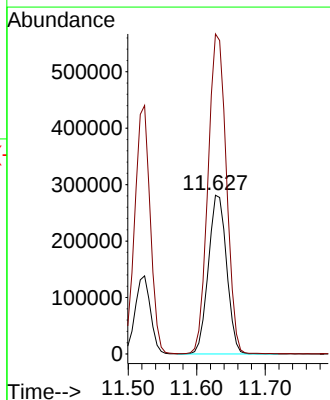
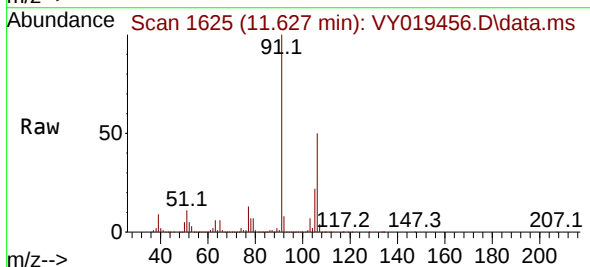
Manual Integrations
APPROVED

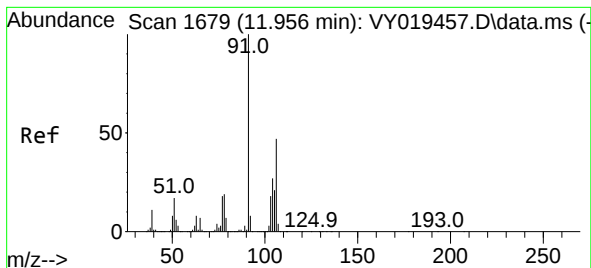
Reviewed By :Mahesh Dadoda 09/10/2024
Supervised By :Semsettin Yesilyurt 09/10/2024



#68
m/p-Xylenes
Concen: 41.264 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. -0.006 min
Lab File: VY019456.D
Acq: 09 Sep 2024 10:44

Tgt Ion:106 Resp: 522199
Ion Ratio Lower Upper
106 100
91 202.1 156.0 234.0





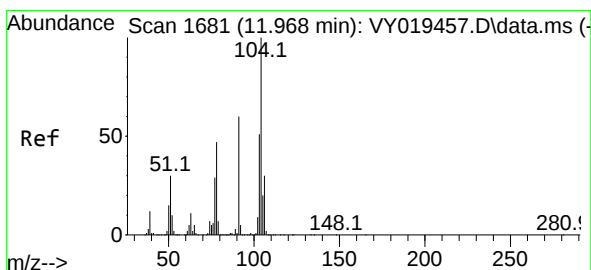
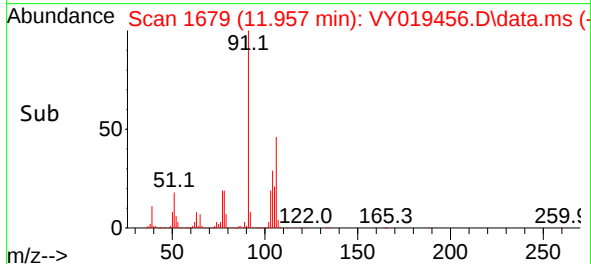
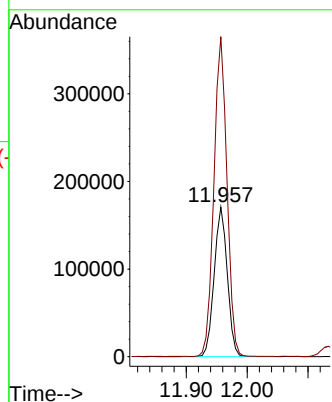
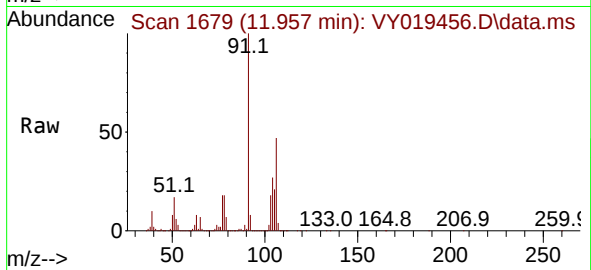
#69
o-Xylene
Concen: 20.636 ug/l
RT: 11.957 min Scan# 1679
Delta R.T. 0.000 min
Lab File: VY019456.D
Acq: 09 Sep 2024 10:44

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion:106 Resp: 255394
Ion Ratio Lower Upper
106 100
91 212.6 103.6 310.8

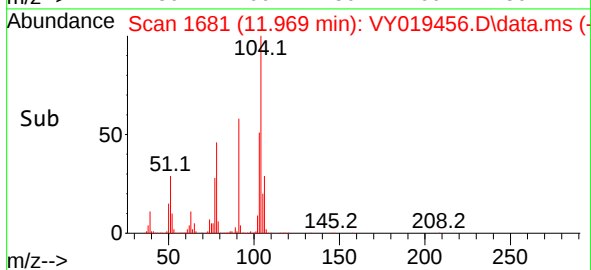
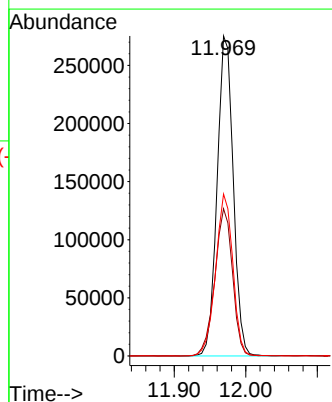
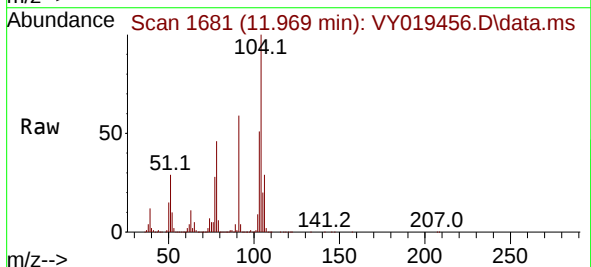
Manual Integrations
APPROVED

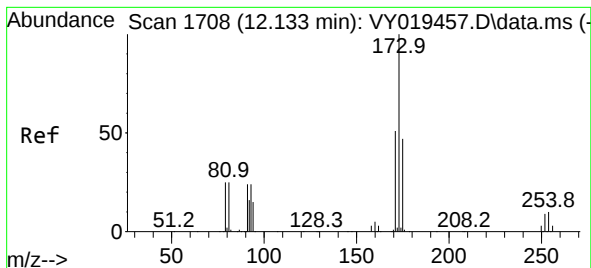
Reviewed By :Mahesh Dadoda 09/10/2024
Supervised By :Semsettin Yesilyurt 09/10/2024



#70
Styrene
Concen: 20.633 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VY019456.D
Acq: 09 Sep 2024 10:44

Tgt Ion:104 Resp: 431131
Ion Ratio Lower Upper
104 100
78 50.7 37.0 55.4
103 54.2 44.2 66.2





#71

Bromoform

Concen: 20.145 ug/l

RT: 12.133 min Scan# 1708

Delta R.T. 0.000 min

Lab File: VY019456.D

Acq: 09 Sep 2024 10:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

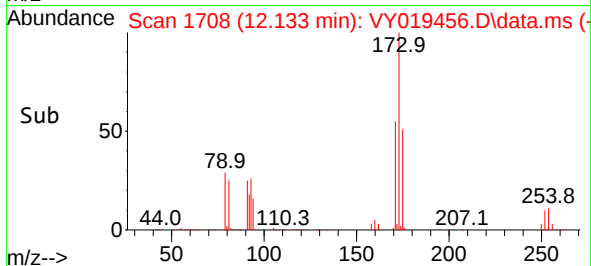
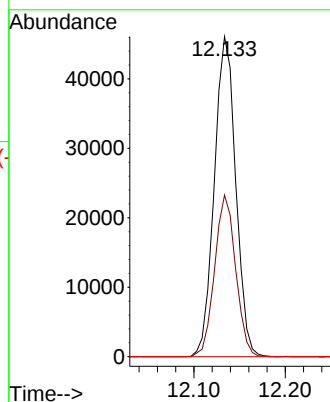
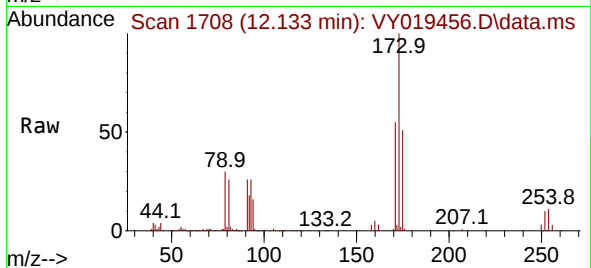
Tgt Ion:173 Resp: 75040

Ion	Ratio	Lower	Upper
173	100		
175	49.5	25.1	75.3
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/10/2024
Supervised By :Semsettin Yesilyurt 09/10/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

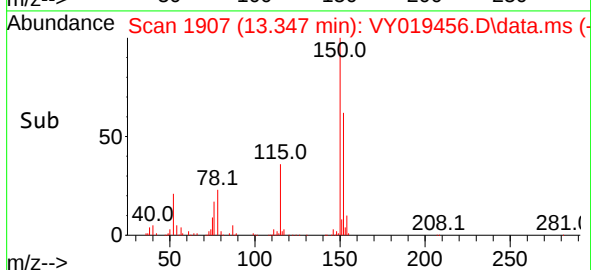
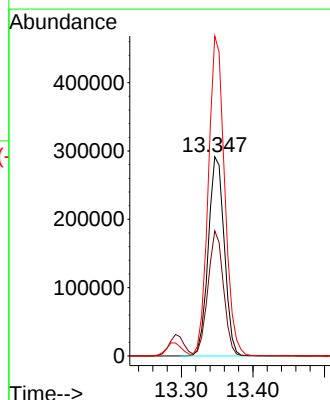
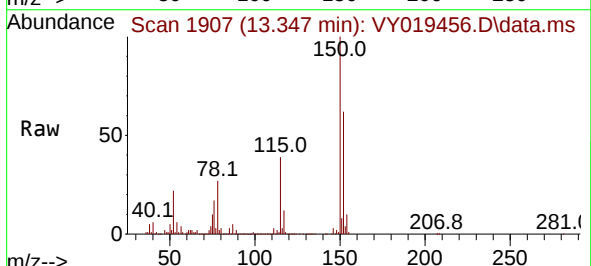
Delta R.T. 0.000 min

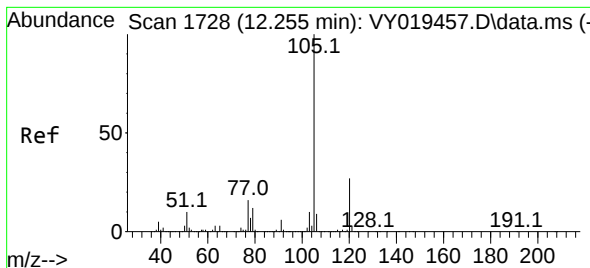
Lab File: VY019456.D

Acq: 09 Sep 2024 10:44

Tgt Ion:152 Resp: 453621

Ion	Ratio	Lower	Upper
152	100		
115	60.9	28.2	84.7
150	163.8	0.0	345.6





#73

Isopropylbenzene

Concen: 20.389 ug/l

RT: 12.255 min Scan# 1728

Delta R.T. 0.000 min

Lab File: VY019456.D

Acq: 09 Sep 2024 10:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

Tgt Ion:105 Resp: 670980

Ion Ratio Lower Upper

105 100

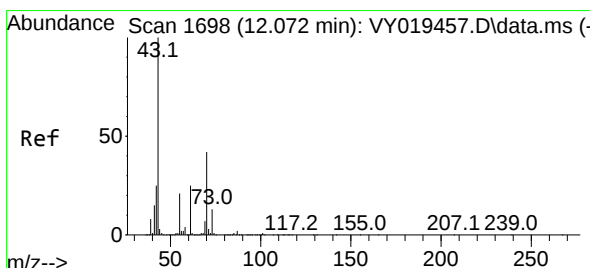
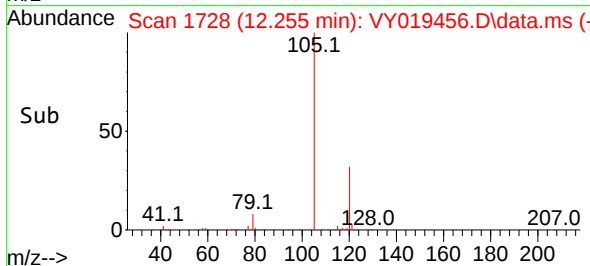
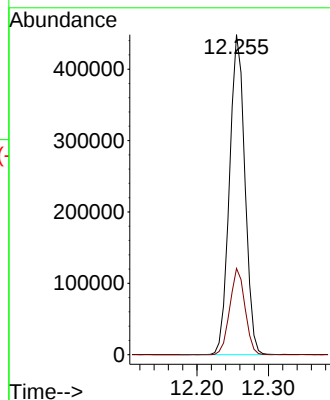
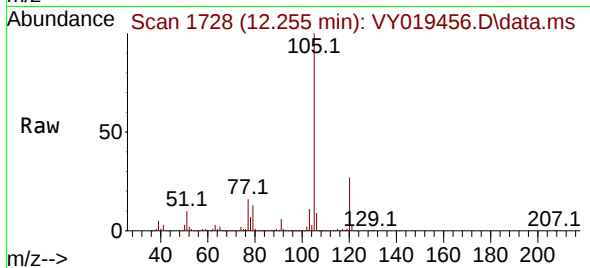
120 26.5 13.4 40.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/10/2024

Supervised By :Semsettin Yesilyurt 09/10/2024



#74

N-ethyl acetate

Concen: 20.105 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.000 min

Lab File: VY019456.D

Acq: 09 Sep 2024 10:44

Tgt Ion: 43 Resp: 179945

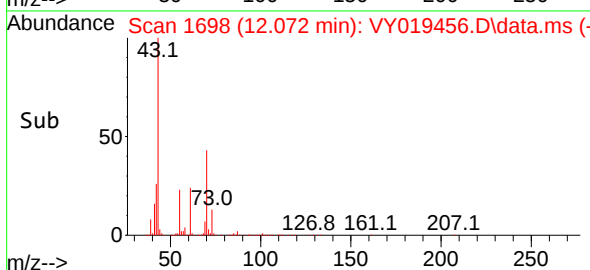
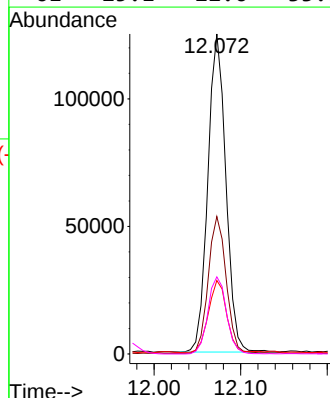
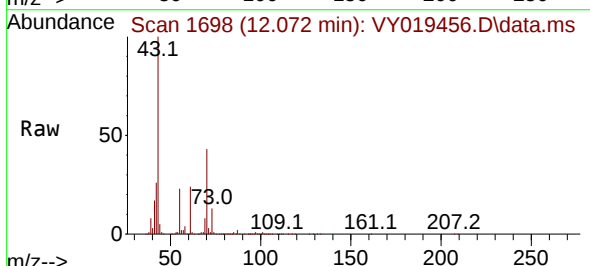
Ion Ratio Lower Upper

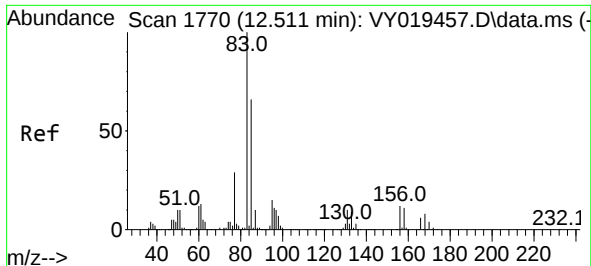
43 100

70 43.0 41.4 62.2

55 22.9 23.3 34.9#

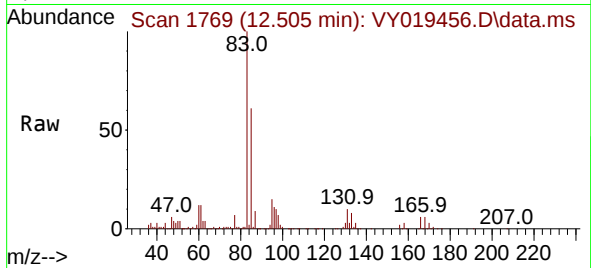
61 25.1 22.6 33.8





#75
1,1,2,2-Tetrachloroethane
Concen: 20.268 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. -0.006 min
Lab File: VY019456.D
Acq: 09 Sep 2024 10:44

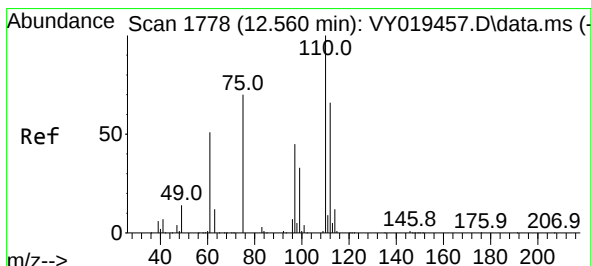
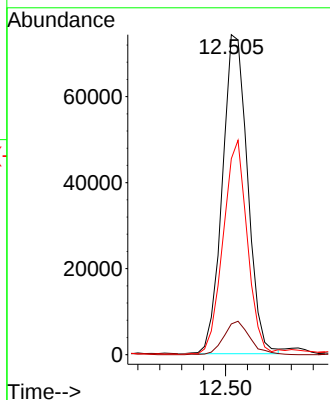
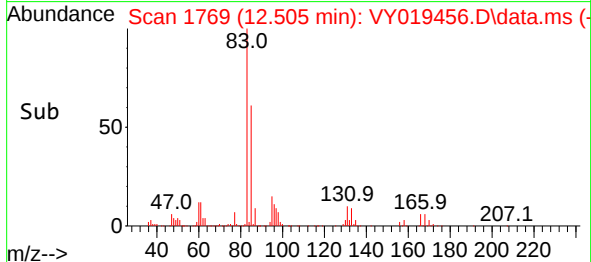
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



Tgt Ion: 83 Resp: 118390
Ion Ratio Lower Upper
83 100
131 10.9 5.0 14.9
85 64.5 32.0 96.0

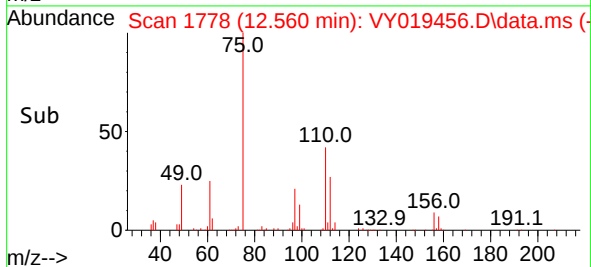
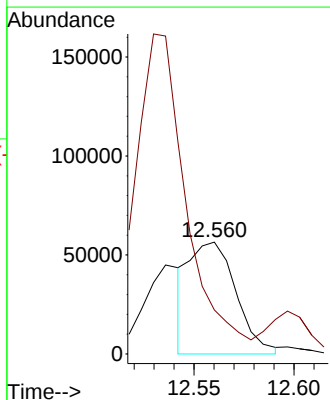
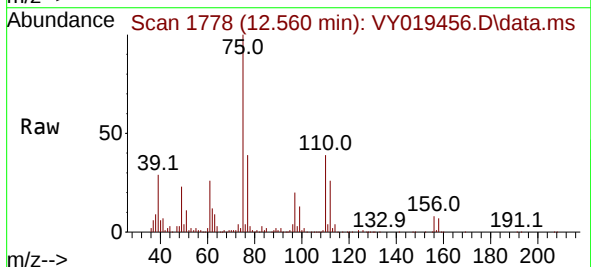
Manual Integrations
APPROVED

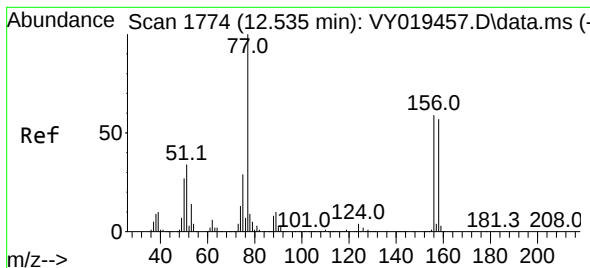
Reviewed By :Mahesh Dadoda 09/10/2024
Supervised By :Semsettin Yesilyurt 09/10/2024



#76
1,2,3-Trichloropropane
Concen: 12.028 ug/l m
RT: 12.560 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VY019456.D
Acq: 09 Sep 2024 10:44

Tgt Ion: 75 Resp: 92192
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.320 ug/l

RT: 12.536 min Scan# 1774

Delta R.T. 0.000 min

Lab File: VY019456.D

Acq: 09 Sep 2024 10:44

Instrument :

MSVOA_Y

ClientSampleId :

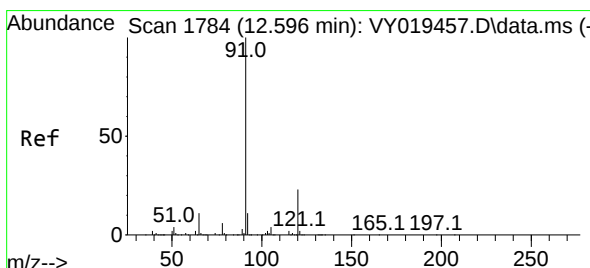
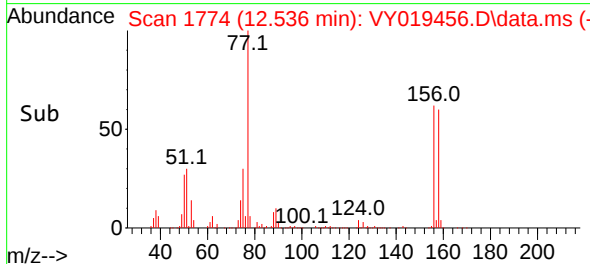
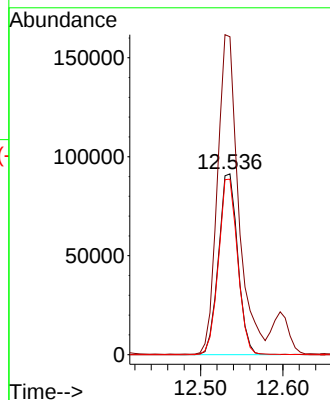
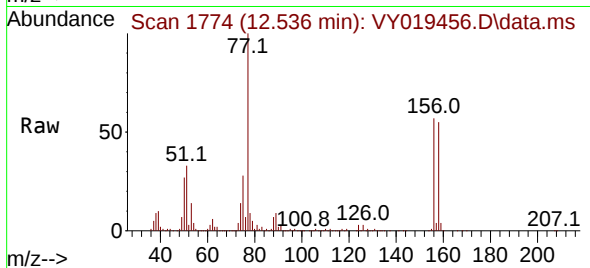
VSTDIC020

Tgt Ion:	156	Resp:	14830
Ion Ratio	Lower	Upper	
156	100		
77	193.5	87.1	261.3
158	96.5	48.6	145.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/10/2024
Supervised By :Semsettin Yesilyurt 09/10/2024



#78

n-propylbenzene

Concen: 20.620 ug/l

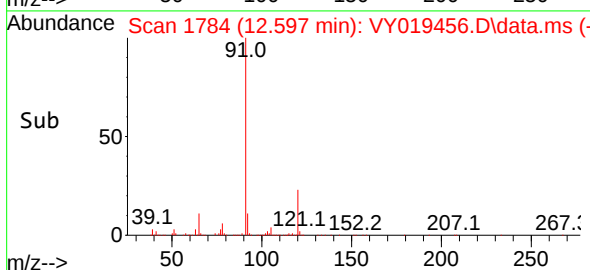
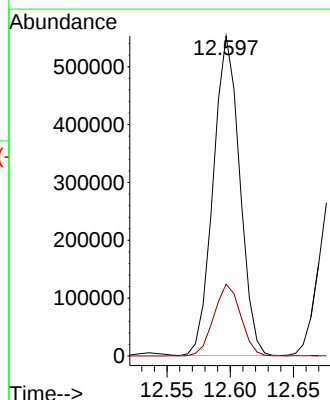
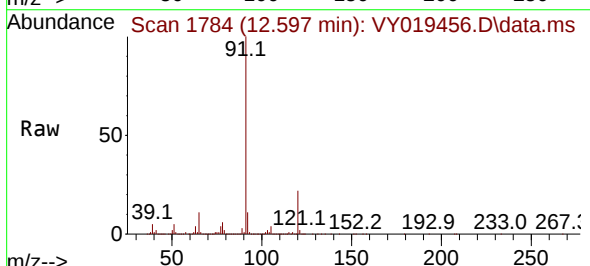
RT: 12.597 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VY019456.D

Acq: 09 Sep 2024 10:44

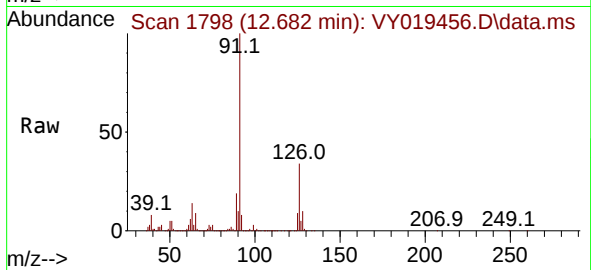
Tgt Ion:	91	Resp:	804313
Ion Ratio	Lower	Upper	
91	100		
120	22.8	11.5	34.4





#79
2-Chlorotoluene
Concen: 20.412 ug/l
RT: 12.682 min Scan# 1798
Delta R.T. 0.000 min
Lab File: VY019456.D
Acq: 09 Sep 2024 10:44

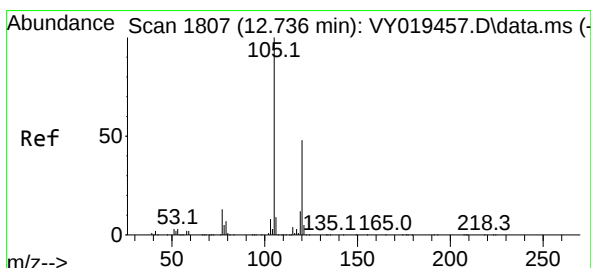
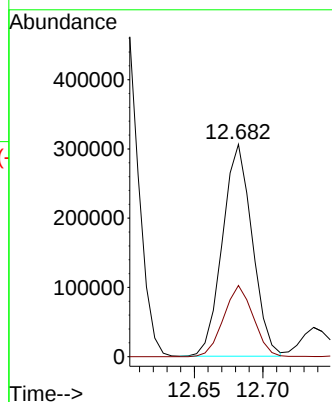
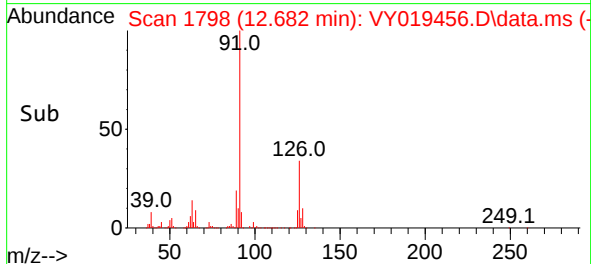
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



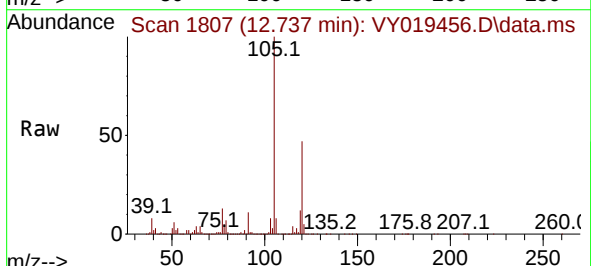
Tgt Ion: 91 Resp: 463988
Ion Ratio Lower Upper
91 100
126 33.4 17.8 53.5

Manual Integrations
APPROVED

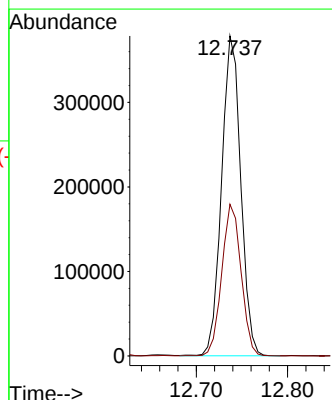
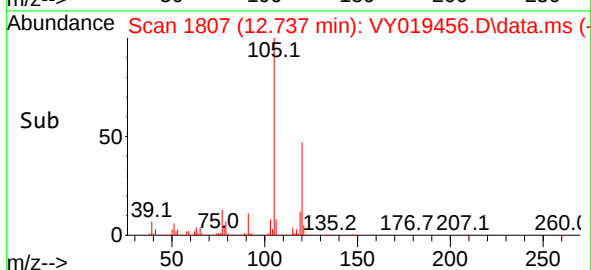
Reviewed By :Mahesh Dadoda 09/10/2024
Supervised By :Semsettin Yesilyurt 09/10/2024

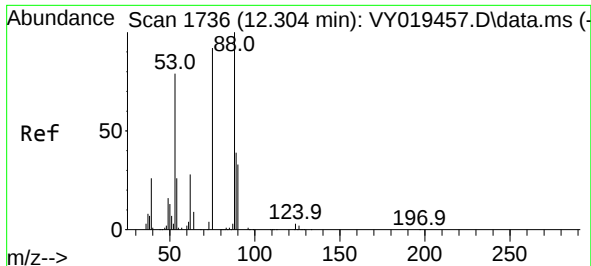


#80
1,3,5-Trimethylbenzene
Concen: 20.633 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY019456.D
Acq: 09 Sep 2024 10:44



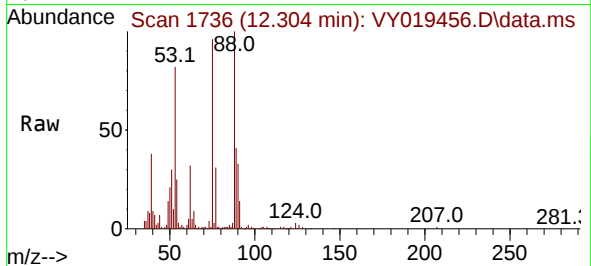
Tgt Ion:105 Resp: 552010
Ion Ratio Lower Upper
105 100
120 47.6 25.1 75.2





#81
trans-1,4-Dichloro-2-butene
Concen: 20.227 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.001 min
Lab File: VY019456.D
Acq: 09 Sep 2024 10:44

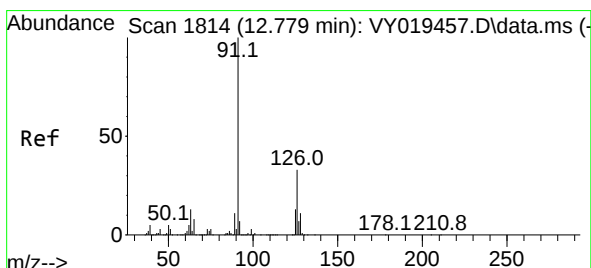
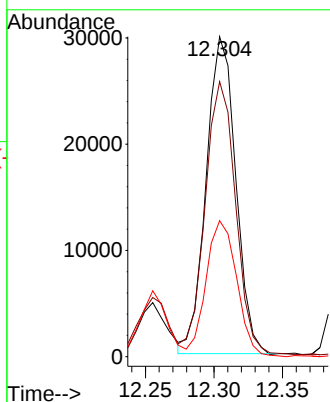
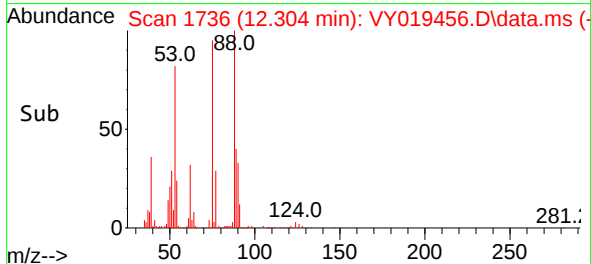
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



Tgt Ion: 75 Resp: 44799
Ion Ratio Lower Upper
75 100
53 88.9 66.8 100.2
89 44.4 35.8 53.6

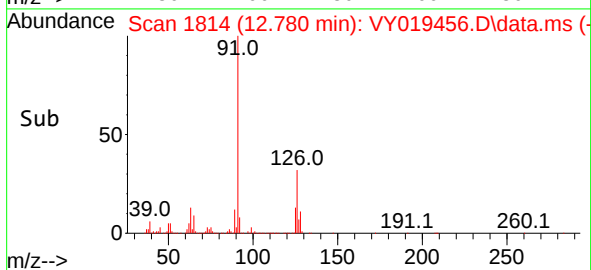
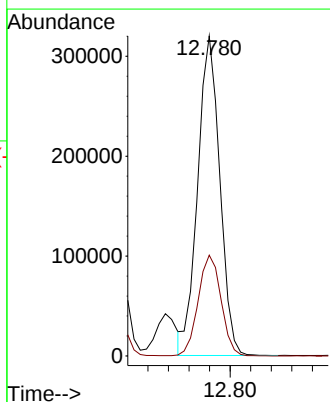
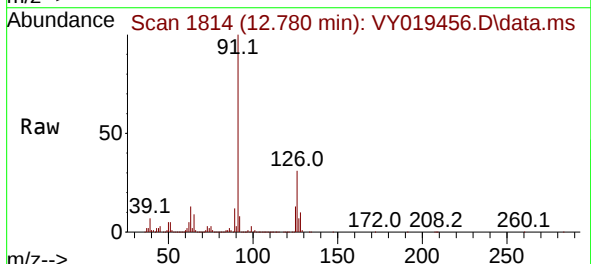
Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 09/10/2024
Supervised By :Semsettin Yesilyurt 09/10/2024



#82
4-Chlorotoluene
Concen: 20.486 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY019456.D
Acq: 09 Sep 2024 10:44

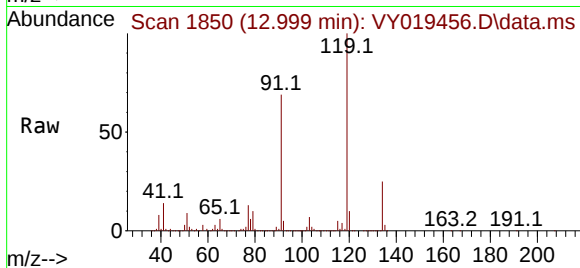
Tgt Ion: 91 Resp: 478747
Ion Ratio Lower Upper
91 100
126 32.7 17.6 52.9





#83
tert-Butylbenzene
Concen: 20.602 ug/l
RT: 12.999 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VY019456.D
Acq: 09 Sep 2024 10:44

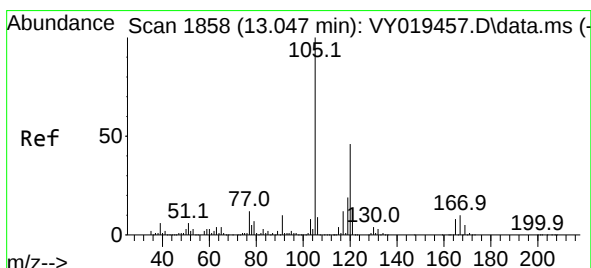
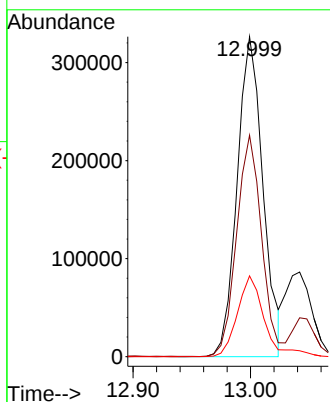
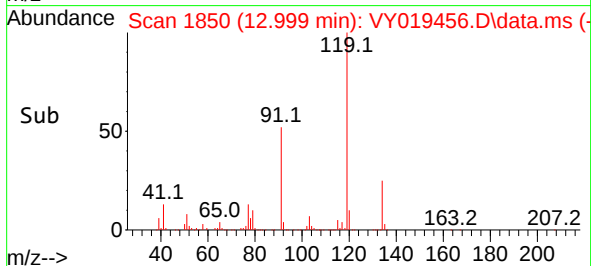
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



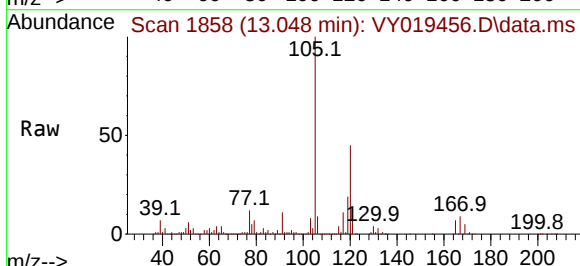
Tgt Ion:119 Resp: 498970
Ion Ratio Lower Upper
119 100
91 67.4 31.3 93.8
134 26.4 13.4 40.1

Manual Integrations
APPROVED

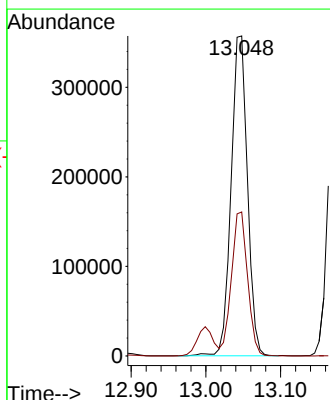
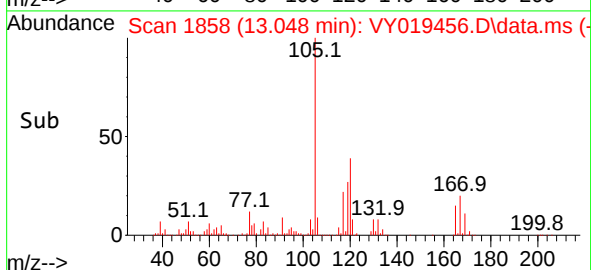
Reviewed By :Mahesh Dadoda 09/10/2024
Supervised By :Semsettin Yesilyurt 09/10/2024

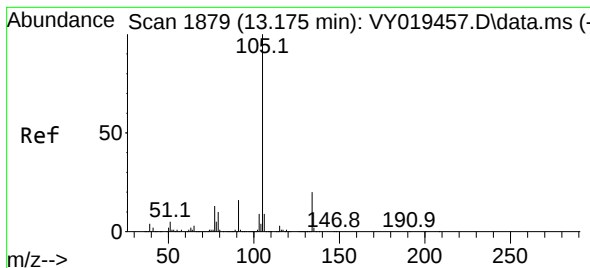


#84
1,2,4-Trimethylbenzene
Concen: 20.454 ug/l
RT: 13.048 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VY019456.D
Acq: 09 Sep 2024 10:44



Tgt Ion:105 Resp: 541658
Ion Ratio Lower Upper
105 100
120 44.6 23.2 69.6





#85

sec-Butylbenzene

Concen: 20.632 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY019456.D

Acq: 09 Sep 2024 10:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

Tgt Ion:105 Resp: 725918

Ion Ratio Lower Upper

105 100

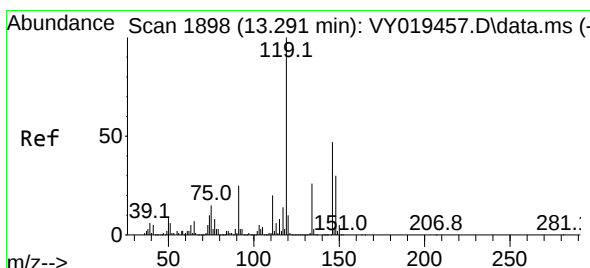
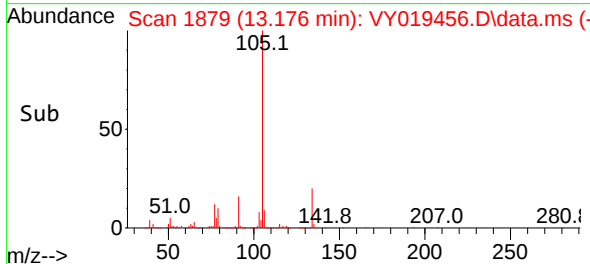
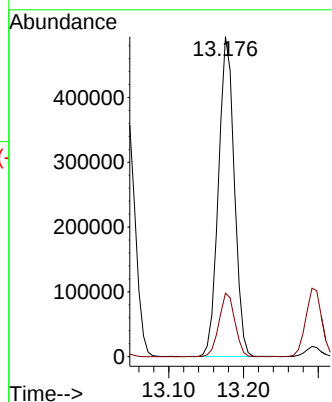
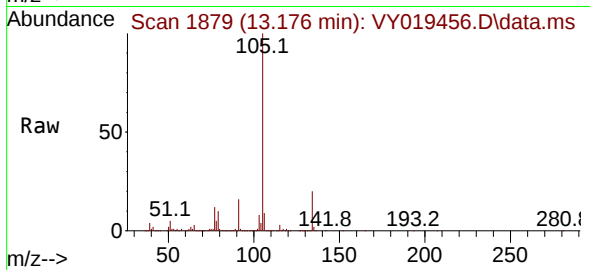
134 19.9 10.1 30.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/10/2024

Supervised By :Semsettin Yesilyurt 09/10/2024



#86

p-Isopropyltoluene

Concen: 20.796 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY019456.D

Acq: 09 Sep 2024 10:44

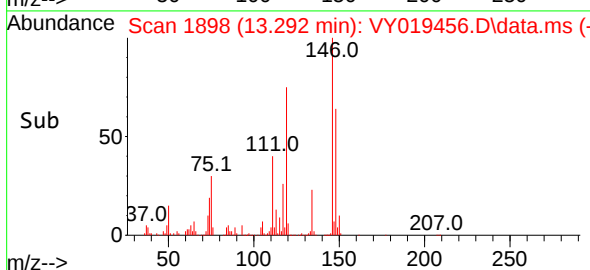
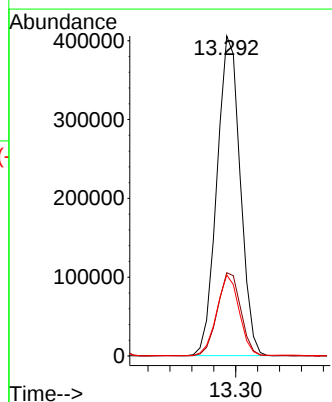
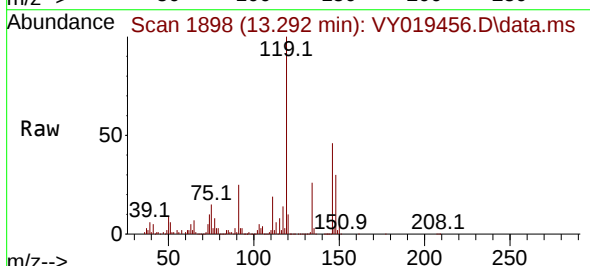
Tgt Ion:119 Resp: 598661

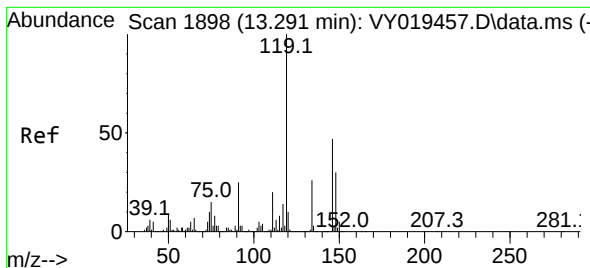
Ion Ratio Lower Upper

119 100

134 26.2 13.1 39.3

91 24.4 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 20.627 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY019456.D

Acq: 09 Sep 2024 10:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

Tgt Ion:146 Resp: 29254

Ion Ratio Lower Upper

146 100

111 41.1 19.0 57.0

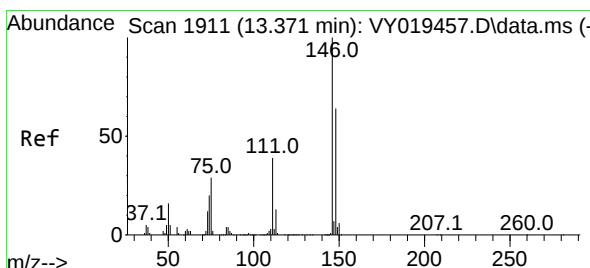
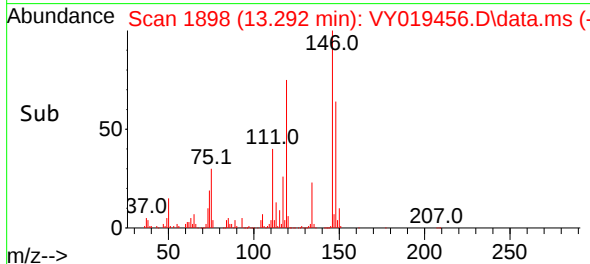
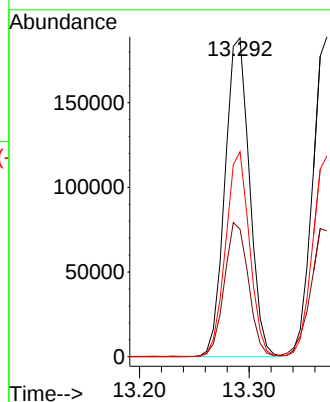
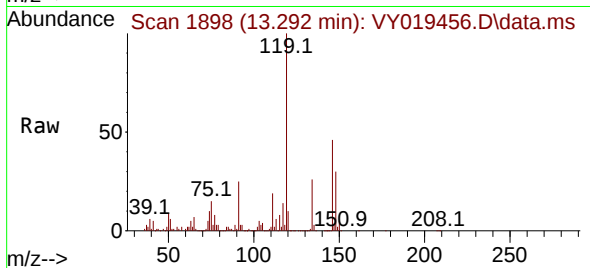
148 62.5 31.7 95.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/10/2024

Supervised By :Semsettin Yesilyurt 09/10/2024



#88

1,4-Dichlorobenzene

Concen: 20.548 ug/l

RT: 13.371 min Scan# 1911

Delta R.T. 0.000 min

Lab File: VY019456.D

Acq: 09 Sep 2024 10:44

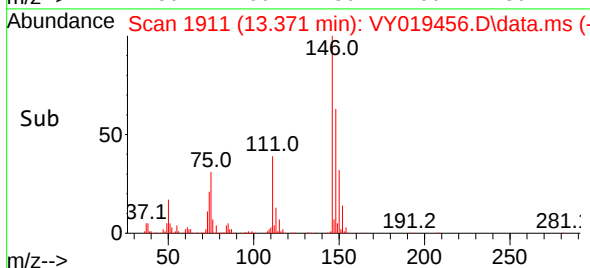
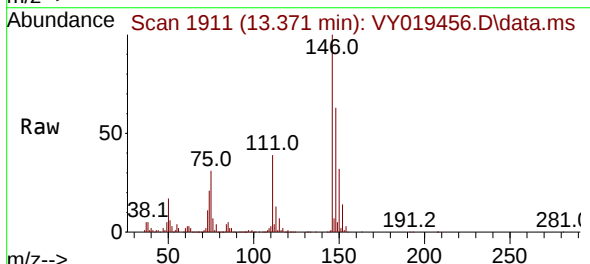
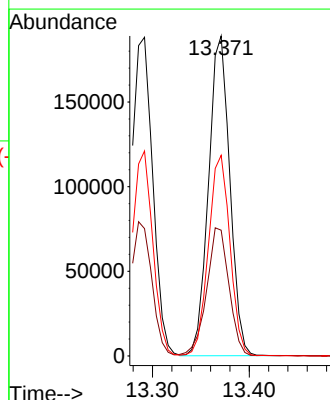
Tgt Ion:146 Resp: 289216

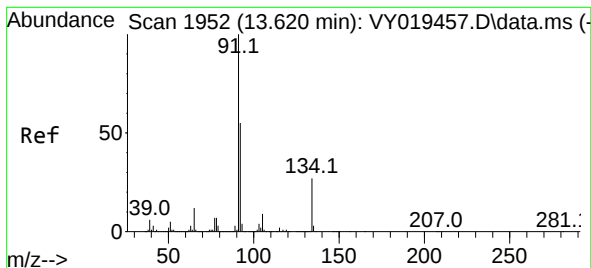
Ion Ratio Lower Upper

146 100

111 41.9 18.4 55.4

148 63.8 32.4 97.2





#89

n-Butylbenzene

Concen: 20.620 ug/l

RT: 13.621 min Scan# 1952

Delta R.T. 0.000 min

Lab File: VY019456.D

Acq: 09 Sep 2024 10:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

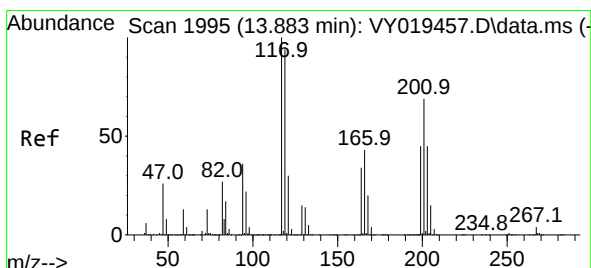
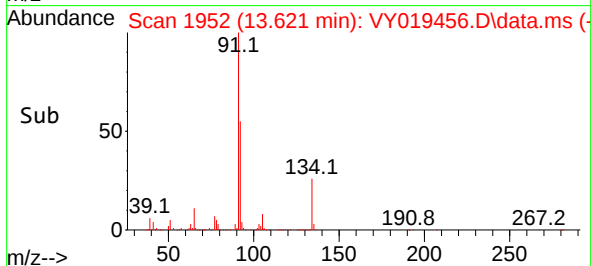
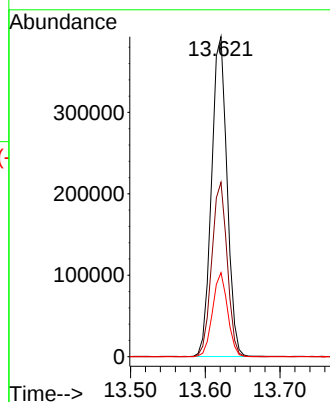
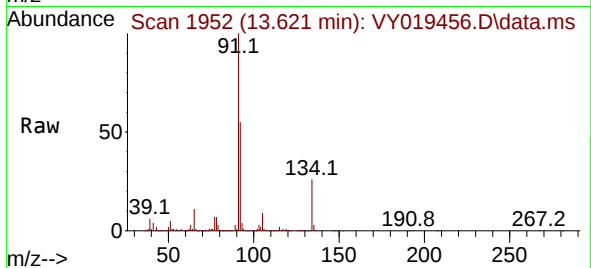
Tgt Ion: 91 Resp: 567458

Ion	Ratio	Lower	Upper
91	100		
92	54.3	26.6	79.7
134	25.5	12.9	38.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/10/2024
Supervised By :Semsettin Yesilyurt 09/10/2024



#90

Hexachloroethane

Concen: 20.733 ug/l

RT: 13.883 min Scan# 1995

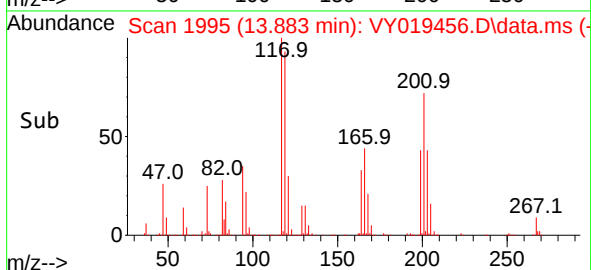
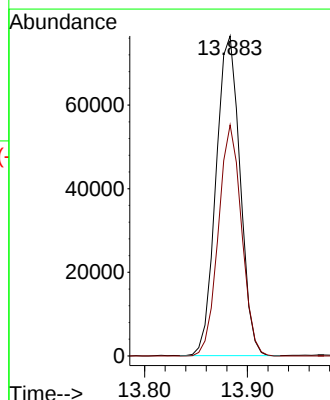
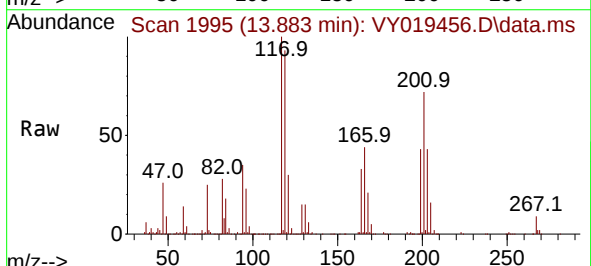
Delta R.T. 0.000 min

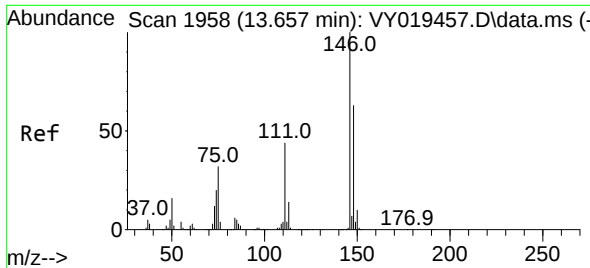
Lab File: VY019456.D

Acq: 09 Sep 2024 10:44

Tgt Ion:117 Resp: 124187

Ion	Ratio	Lower	Upper
117	100		
201	69.7	37.4	112.2





#91
 1,2-Dichlorobenzene
 Concen: 20.271 ug/l
 RT: 13.658 min Scan# 1958
 Delta R.T. 0.000 min
 Lab File: VY019456.D
 Acq: 09 Sep 2024 10:44

Instrument :

MSVOA_Y

ClientSampleId :

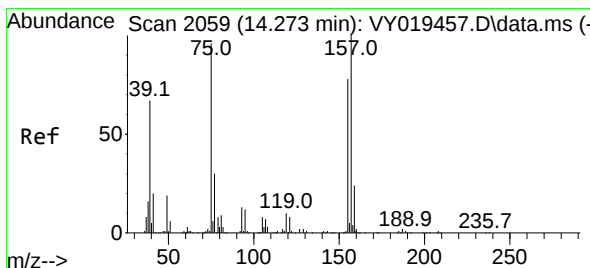
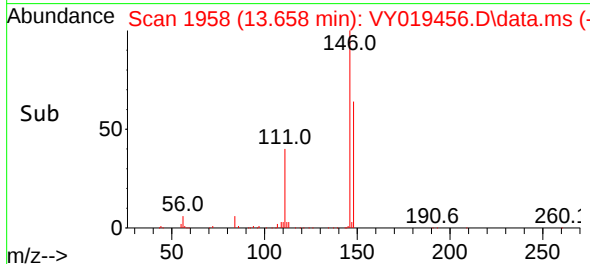
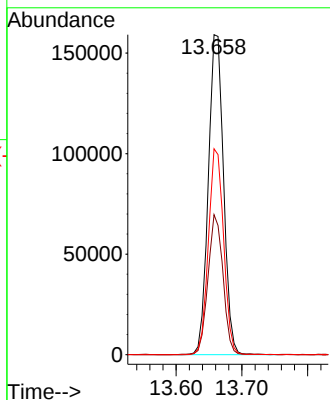
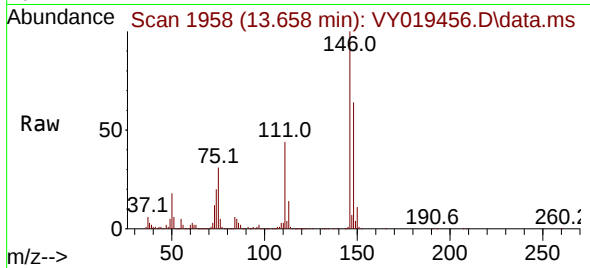
VSTDICC020

Tgt Ion:146 Resp: 25655
 Ion Ratio Lower Upper
 146 100
 111 43.2 19.9 59.7
 148 64.0 31.8 95.4

Manual Integrations

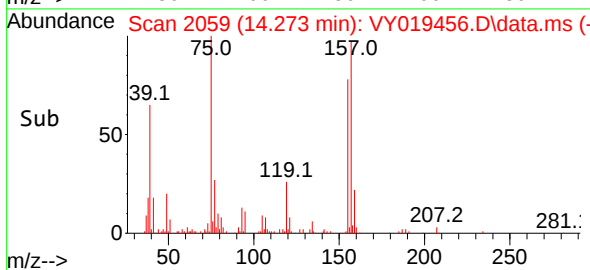
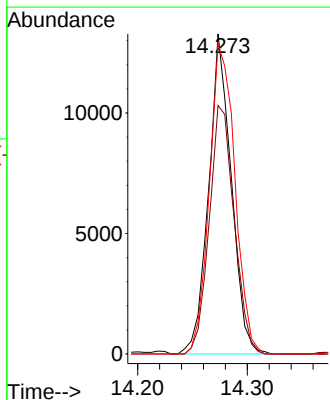
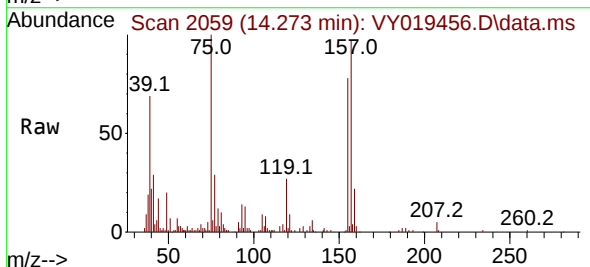
APPROVED

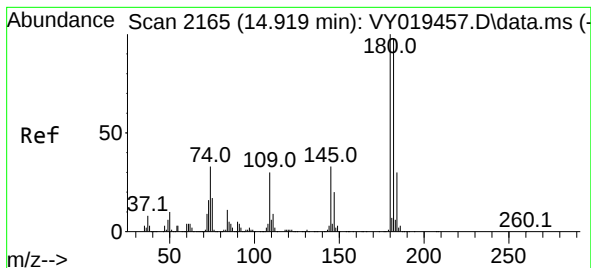
Reviewed By :Mahesh Dadoda 09/10/2024
 Supervised By :Semsettin Yesilyurt 09/10/2024



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.593 ug/l
 RT: 14.273 min Scan# 2059
 Delta R.T. 0.000 min
 Lab File: VY019456.D
 Acq: 09 Sep 2024 10:44

Tgt Ion: 75 Resp: 19074
 Ion Ratio Lower Upper
 75 100
 155 85.1 48.6 145.8
 157 109.0 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 20.236 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY019456.D

Acq: 09 Sep 2024 10:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

Tgt Ion:180 Resp: 15576

Ion Ratio Lower Upper

180 100

182 94.1 47.9 143.8

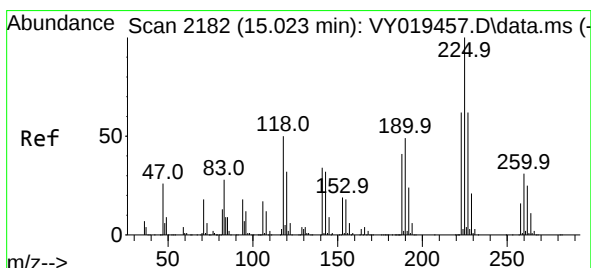
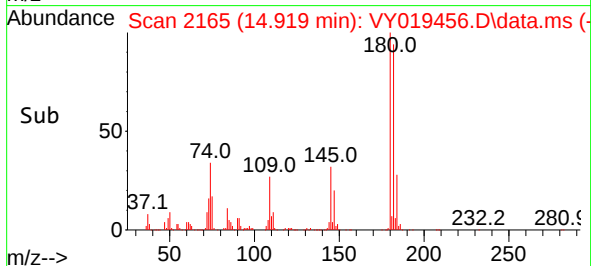
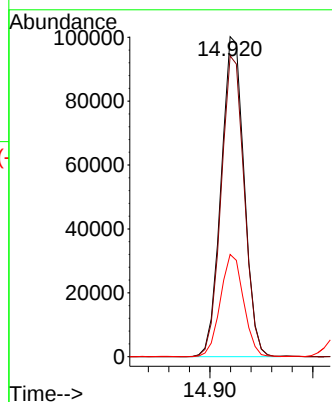
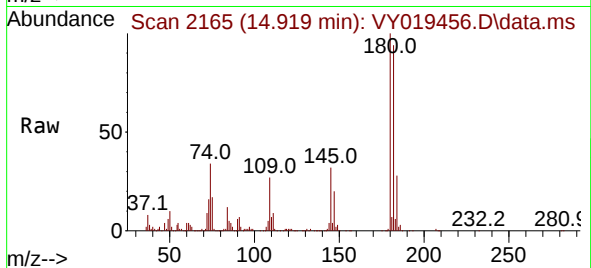
145 32.1 14.2 42.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/10/2024

Supervised By :Semsettin Yesilyurt 09/10/2024



#94

Hexachlorobutadiene

Concen: 20.280 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VY019456.D

Acq: 09 Sep 2024 10:44

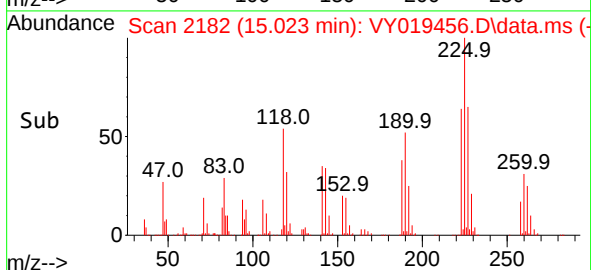
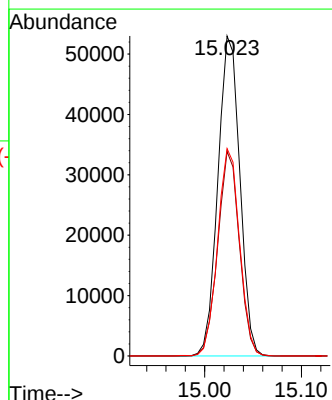
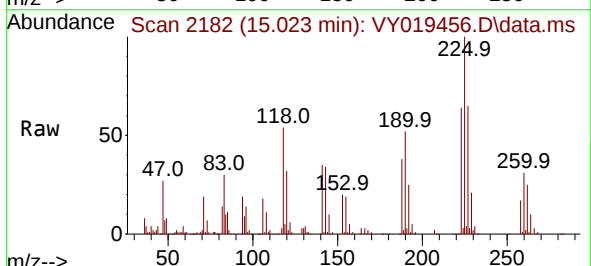
Tgt Ion:225 Resp: 83391

Ion Ratio Lower Upper

225 100

223 62.9 30.4 91.2

227 64.9 31.9 95.9





#95

Naphthalene

Concen: 19.767 ug/l

RT: 15.145 min Scan# 2202

Delta R.T. 0.000 min

Lab File: VY019456.D

Acq: 09 Sep 2024 10:44

Instrument :

MSVOA_Y

ClientSampleId :

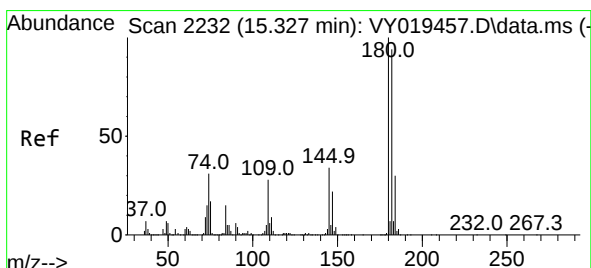
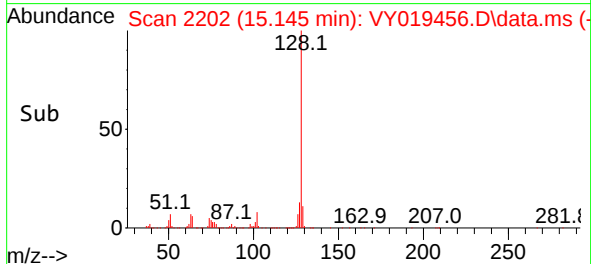
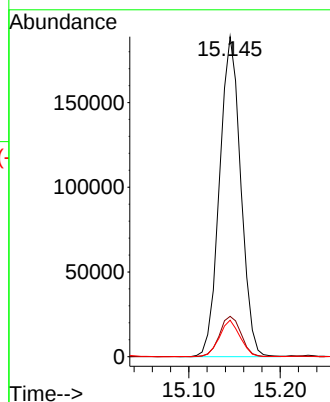
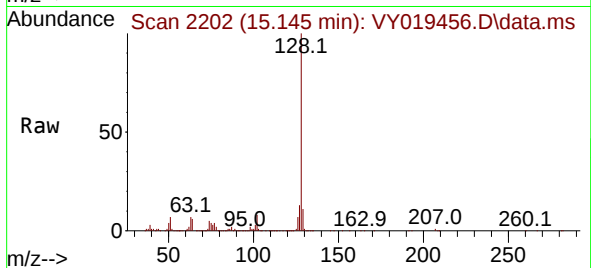
VSTDICC020

Tgt Ion:	128	Resp:	30469
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.6	16.0
129	11.1	8.6	13.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/10/2024
Supervised By :Semsettin Yesilyurt 09/10/2024



#96

1,2,3-Trichlorobenzene

Concen: 20.330 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY019456.D

Acq: 09 Sep 2024 10:44

Tgt Ion:	180	Resp:	133851
Ion Ratio	Lower	Upper	
180	100		
182	92.8	47.6	142.9
145	34.1	15.4	46.1

