

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092324\
 Data File : VY019660.D
 Acq On : 23 Sep 2024 11:51
 Operator : SY/MD
 Sample : VY0923SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0923SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 09/24/2024
 Supervised By :Semsettin Yesilyurt 09/24/2024

Quant Time: Sep 24 01:44:01 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 09 16:00:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	416723	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	709663	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	596345	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	280564	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	202658	52.519	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 105.040%			
35) Dibromofluoromethane	7.628	113	207848	51.656	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 103.320%			
50) Toluene-d8	10.109	98	769675	51.717	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 103.440%			
62) 4-Bromofluorobenzene	12.408	95	276817	48.374	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery = 96.740%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.867	85	58962	23.736	ug/l	95
3) Chloromethane	2.074	50	69365	20.119	ug/l	99
4) Vinyl Chloride	2.208	62	83296	22.342	ug/l	97
5) Bromomethane	2.598	94	58585	25.583	ug/l	93
6) Chloroethane	2.739	64	57532	23.606	ug/l	100
7) Trichlorofluoromethane	3.056	101	143673	23.118	ug/l	95
8) Diethyl Ether	3.452	74	42277	20.266	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.818	101	85059	22.125	ug/l	97
10) Methyl Iodide	4.001	142	92140	18.693	ug/l	93
11) Tert butyl alcohol	4.860	59	32316	103.701	ug/l #	80
12) 1,1-Dichloroethene	3.793	96	75527	20.428	ug/l	93
13) Acrolein	3.653	56	15962	97.667	ug/l	94
14) Allyl chloride	4.379	41	127418	19.218	ug/l #	92
15) Acrylonitrile	5.055	53	89297	99.275	ug/l	98
16) Acetone	3.866	43	93429	101.631	ug/l #	85
17) Carbon Disulfide	4.104	76	174165	17.435	ug/l #	95
18) Methyl Acetate	4.385	43	42236	16.930	ug/l	92
19) Methyl tert-butyl Ether	5.110	73	215828	20.611	ug/l	94
20) Methylene Chloride	4.610	84	86712	20.683	ug/l #	87
21) trans-1,2-Dichloroethene	5.104	96	83476	20.599	ug/l	93
22) Diisopropyl ether	6.012	45	281877	20.703	ug/l	94
23) Vinyl Acetate	5.952	43	785457	100.998	ug/l	94
24) 1,1-Dichloroethane	5.909	63	161969	21.200	ug/l	98
25) 2-Butanone	6.890	43	127392	97.434	ug/l #	85
26) 2,2-Dichloropropane	6.878	77	148236	21.509	ug/l	97
27) cis-1,2-Dichloroethene	6.884	96	104050	21.137	ug/l	88
28) Bromochloromethane	7.244	49	61115	19.012	ug/l	88
29) Tetrahydrofuran	7.262	42	73698	92.706	ug/l	88
30) Chloroform	7.415	83	175441	22.494	ug/l	96
31) Cyclohexane	7.701	56	131737	19.076	ug/l	97
32) 1,1,1-Trichloroethane	7.616	97	155055	22.180	ug/l	97
36) 1,1-Dichloropropene	7.835	75	115501	21.096	ug/l	96
37) Ethyl Acetate	6.976	43	56594	20.174	ug/l	96
38) Carbon Tetrachloride	7.817	117	134435	21.774	ug/l	98
39) Methylcyclohexane	9.109	83	145033	19.905	ug/l	91
40) Benzene	8.079	78	354742	21.036	ug/l	98

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 Supervised By :Semsettin Yesilyurt 09/24/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.213	41	31304	19.143	ug/l	89
42) 1,2-Dichloroethane	8.152	62	97968	21.590	ug/l	96
43) Isopropyl Acetate	8.195	43	114613	19.447	ug/l	91
44) Trichloroethene	8.866	130	90793	20.935	ug/l	93
45) 1,2-Dichloropropane	9.140	63	86170	20.902	ug/l	100
46) Dibromomethane	9.231	93	46782	20.751	ug/l	97
47) Bromodichloromethane	9.420	83	132037	21.787	ug/l	95
48) Methyl methacrylate	9.219	41	51071	18.350	ug/l	85
49) 1,4-Dioxane	9.225	88	10165	383.002	ug/l #	82
51) 4-Methyl-2-Pentanone	10.000	43	280273	94.525	ug/l	93
52) Toluene	10.170	92	228109	21.032	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	116391	20.147	ug/l	97
54) cis-1,3-Dichloropropene	9.859	75	137013	20.368	ug/l #	92
55) 1,1,2-Trichloroethane	10.573	97	65175	20.934	ug/l	99
56) Ethyl methacrylate	10.438	69	91326	19.310	ug/l #	82
57) 1,3-Dichloropropane	10.719	76	110152	20.583	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.713	63	199180	90.740	ug/l	99
59) 2-Hexanone	10.762	43	197360	90.791	ug/l	91
60) Dibromochloromethane	10.914	129	86696	21.051	ug/l	99
61) 1,2-Dibromoethane	11.012	107	59892	20.646	ug/l	100
64) Tetrachloroethene	10.646	164	78685	21.307	ug/l	96
65) Chlorobenzene	11.444	112	255892	21.814	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.518	131	89568	22.053	ug/l	98
67) Ethyl Benzene	11.518	91	455129	21.836	ug/l	100
68) m/p-Xylenes	11.633	106	344974	43.772	ug/l	96
69) o-Xylene	11.957	106	166086	21.548	ug/l	97
70) Styrene	11.969	104	278752	21.421	ug/l	97
71) Bromoform	12.133	173	48246	20.798	ug/l #	97
73) Isopropylbenzene	12.255	105	449685	22.093	ug/l	99
74) N-amyl acetate	12.072	43	102806	18.572	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.505	83	75445	20.883	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	55512m	21.110	ug/l	
77) Bromobenzene	12.536	156	97573	21.615	ug/l	93
78) n-propylbenzene	12.597	91	533703	22.122	ug/l	99
79) 2-Chlorotoluene	12.682	91	305117	21.702	ug/l	97
80) 1,3,5-Trimethylbenzene	12.737	105	366351	22.140	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.304	75	25090	18.316	ug/l	91
82) 4-Chlorotoluene	12.780	91	313589	21.695	ug/l	97
83) tert-Butylbenzene	12.999	119	337076	22.502	ug/l	96
84) 1,2,4-Trimethylbenzene	13.042	105	355883	21.728	ug/l	99
85) sec-Butylbenzene	13.176	105	489850	22.510	ug/l	100
86) p-Isopropyltoluene	13.292	119	400606	22.500	ug/l	97
87) 1,3-Dichlorobenzene	13.286	146	192802	21.980	ug/l	98
88) 1,4-Dichlorobenzene	13.371	146	189779	21.800	ug/l	97
89) n-Butylbenzene	13.621	91	380013	22.326	ug/l	99
90) Hexachloroethane	13.883	117	80596	21.755	ug/l	93
91) 1,2-Dichlorobenzene	13.657	146	167318	21.375	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.273	75	11727	19.477	ug/l	81
93) 1,2,4-Trichlorobenzene	14.919	180	93737	19.689	ug/l	98
94) Hexachlorobutadiene	15.023	225	55241	21.720	ug/l	97
95) Naphthalene	15.145	128	176822	18.547	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	80802	19.842	ug/l	98

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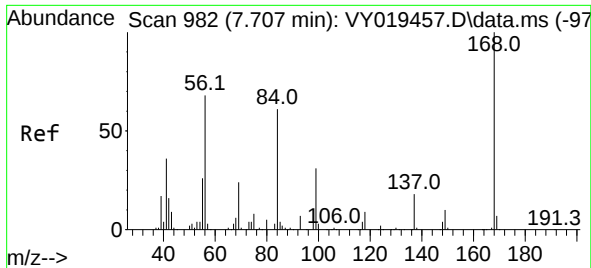
Manual Integrations
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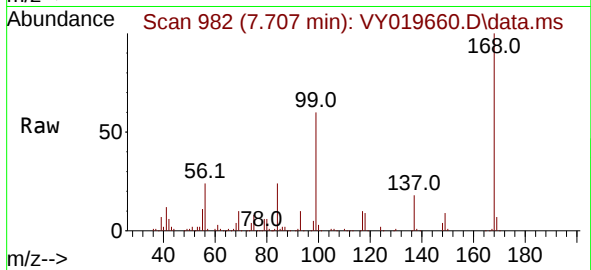
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
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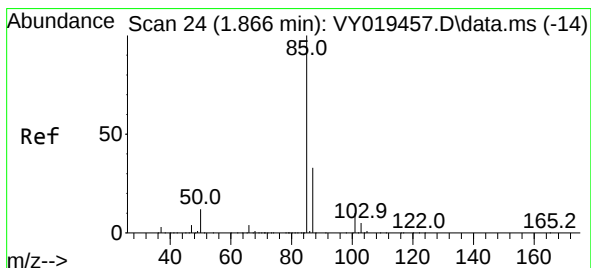
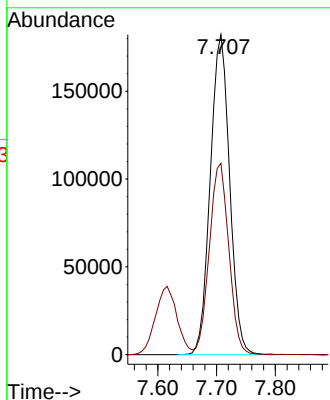
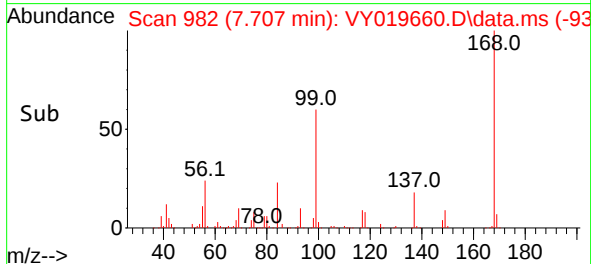
Instrument :
MSVOA_Y
ClientSampleId :
VY0923SBS01



Tgt Ion:168 Resp: 416723
Ion Ratio Lower Upper
168 100
99 59.7 39.1 58.7

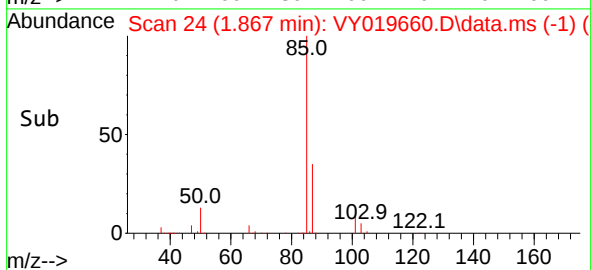
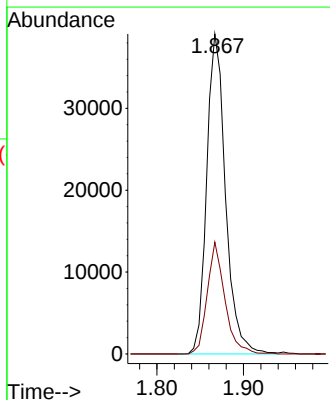
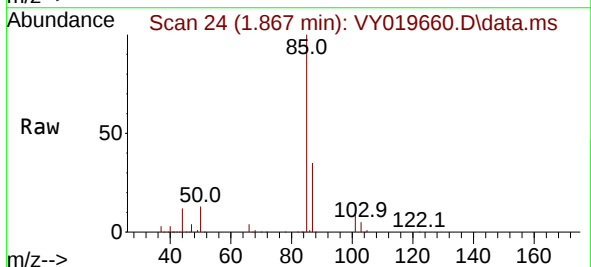
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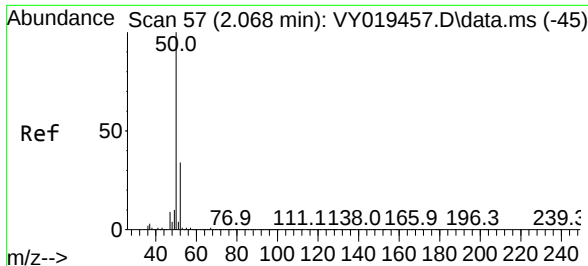
Reviewed By :Mahesh Dadoda 09/24/2024
Supervised By :Semsettin Yesilyurt 09/24/2024



#2
Dichlorodifluoromethane
Concen: 23.736 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.001 min
Lab File: VY019660.D
Acq: 23 Sep 2024 11:51

Tgt Ion: 85 Resp: 58962
Ion Ratio Lower Upper
85 100
87 35.0 16.0 48.0





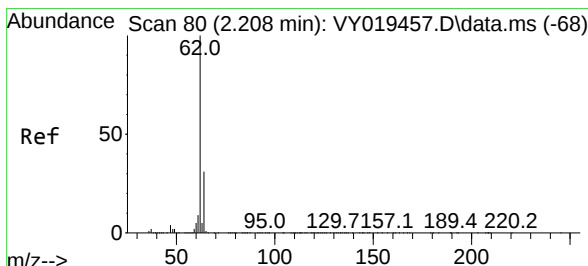
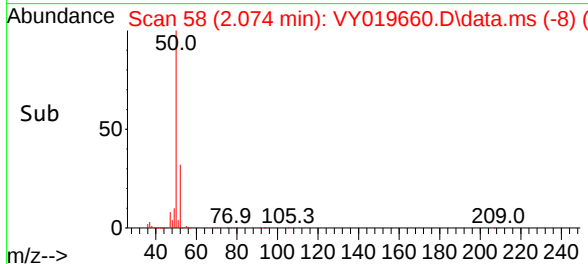
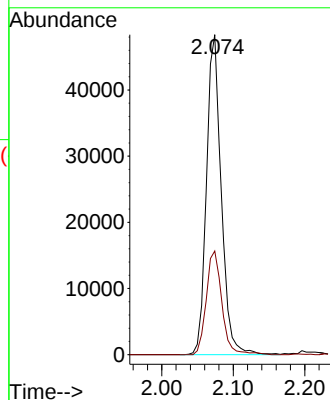
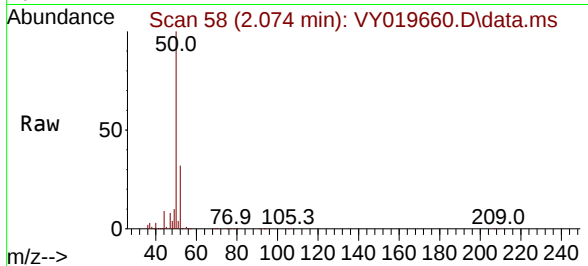
#3
Chloromethane
Concen: 20.119 ug/l
RT: 2.074 min Scan# 50
Delta R.T. 0.006 min
Lab File: VY019660.D
Acq: 23 Sep 2024 11:51

Instrument :
MSVOA_Y
ClientSampleId :
VY0923SBS01

Tgt Ion: 50 Resp: 6936
Ion Ratio Lower Upper
50 100
52 32.4 25.6 38.4

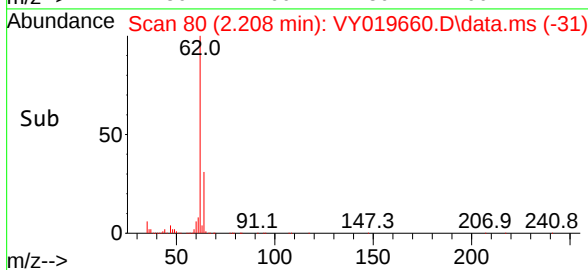
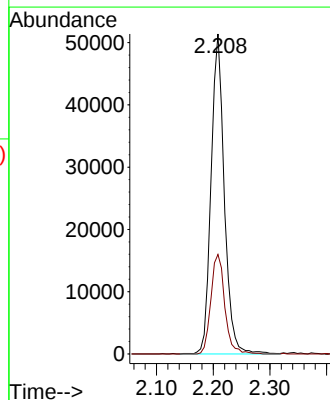
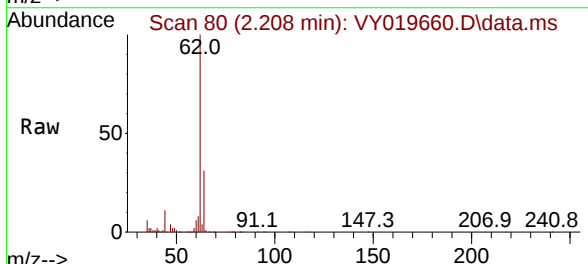
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#4
Vinyl Chloride
Concen: 22.342 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.000 min
Lab File: VY019660.D
Acq: 23 Sep 2024 11:51

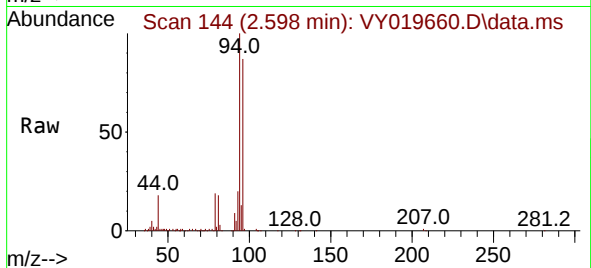
Tgt Ion: 62 Resp: 83296
Ion Ratio Lower Upper
62 100
64 31.1 26.1 39.1





#5
Bromomethane
Concen: 25.583 ug/l
RT: 2.598 min Scan# 144
Delta R.T. 0.000 min
Lab File: VY019660.D
Acq: 23 Sep 2024 11:51

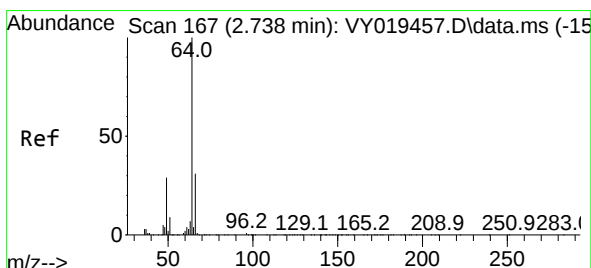
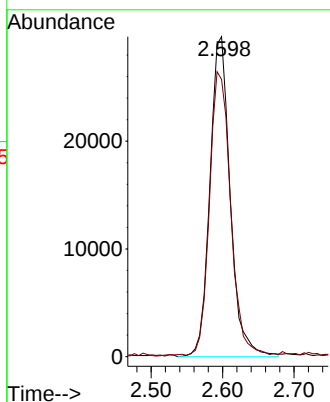
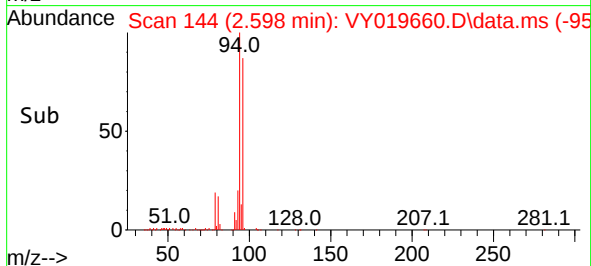
Instrument :
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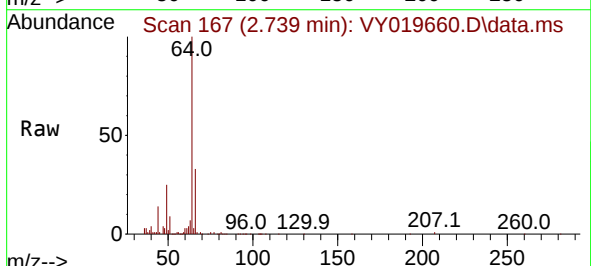
Tgt Ion: 94 Resp: 5858
Ion Ratio Lower Upper
94 100
96 86.0 74.1 111.1

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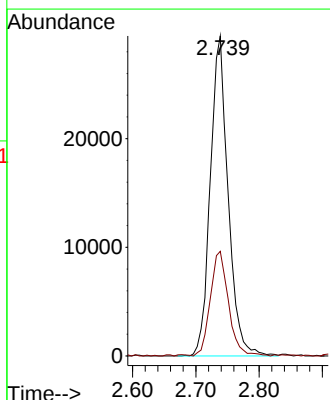
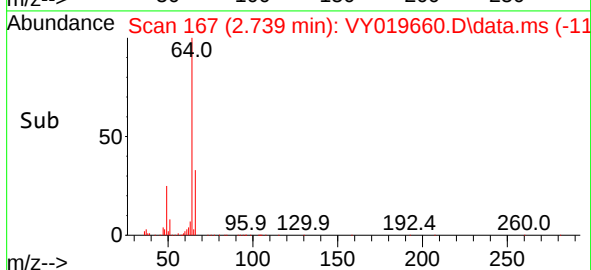
Reviewed By :Mahesh Dadoda 09/24/2024
Supervised By :Semsettin Yesilyurt 09/24/2024



#6
Chloroethane
Concen: 23.606 ug/l
RT: 2.739 min Scan# 167
Delta R.T. 0.000 min
Lab File: VY019660.D
Acq: 23 Sep 2024 11:51



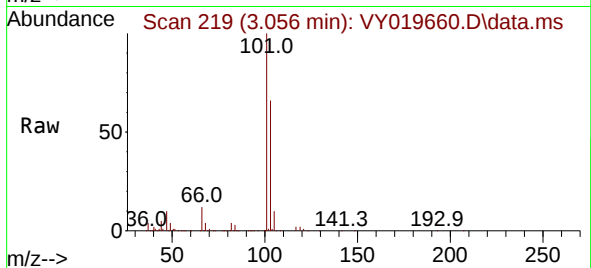
Tgt Ion: 64 Resp: 57532
Ion Ratio Lower Upper
64 100
66 32.5 26.1 39.1





#7
Trichlorofluoromethane
Concen: 23.118 ug/l
RT: 3.056 min Scan# 21
Delta R.T. -0.006 min
Lab File: VY019660.D
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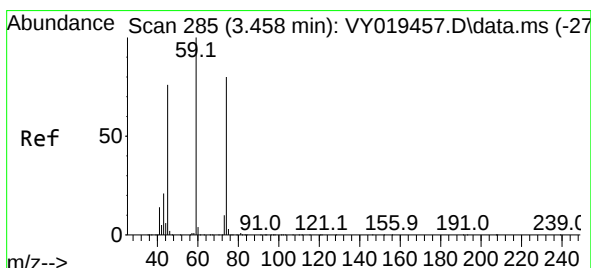
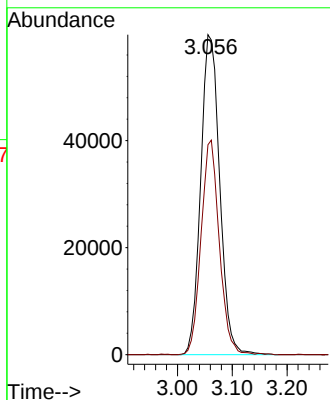
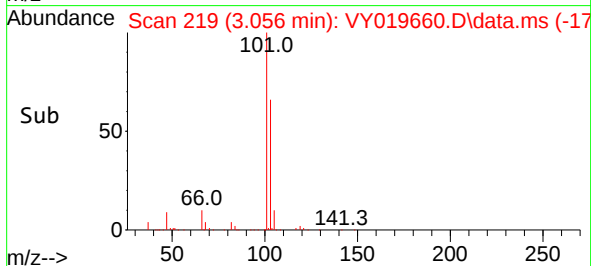
Instrument :
MSVOA_Y
ClientSampleId :
VY0923SBS01



Tgt Ion:101 Resp: 14367
Ion Ratio Lower Upper
101 100
103 65.6 49.3 73.9

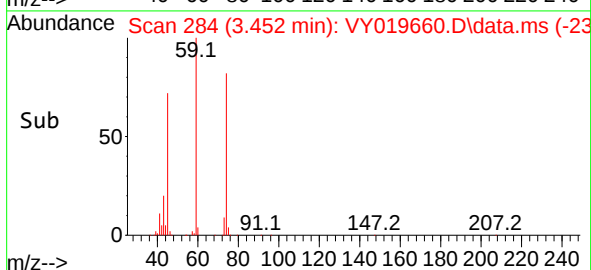
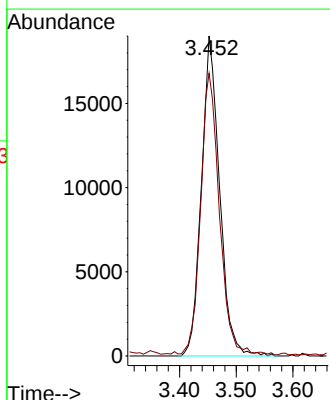
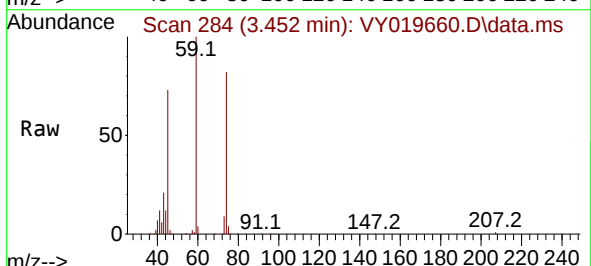
Manual Integrations
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Supervised By :Semsettin Yesilyurt 09/24/2024



#8
Diethyl Ether
Concen: 20.266 ug/l
RT: 3.452 min Scan# 284
Delta R.T. -0.006 min
Lab File: VY019660.D
Acq: 23 Sep 2024 11:51

Tgt Ion: 74 Resp: 42277
Ion Ratio Lower Upper
74 100
45 88.9 41.3 124.1





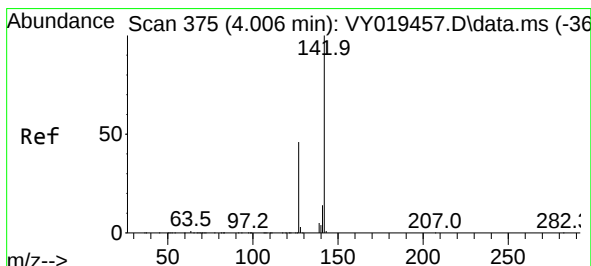
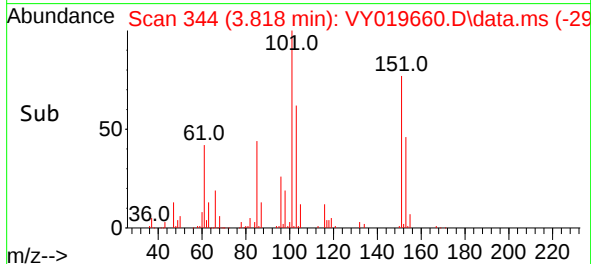
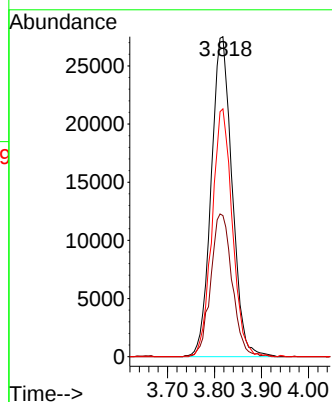
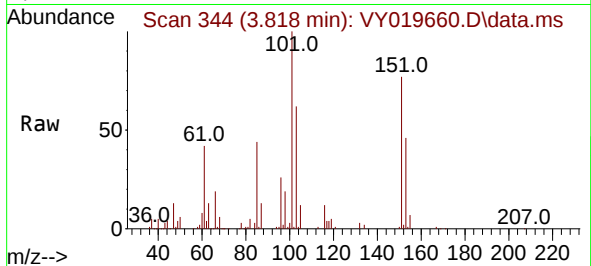
#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.125 ug/l
RT: 3.818 min Scan# 343
Delta R.T. 0.006 min
Lab File: VY019660.D
Acq: 23 Sep 2024 11:51

Instrument :
MSVOA_Y
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Tgt Ion:101 Resp: 85059
Ion Ratio Lower Upper
101 100
85 45.7 34.5 51.7
151 75.2 61.7 92.5

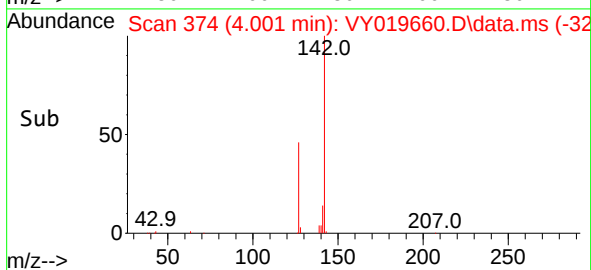
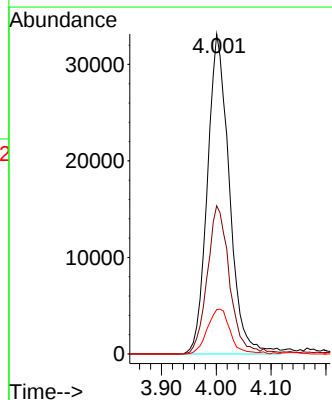
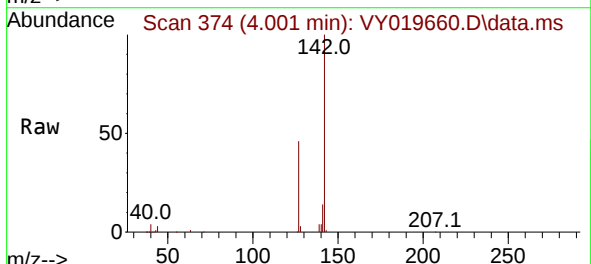
Manual Integrations
APPROVED

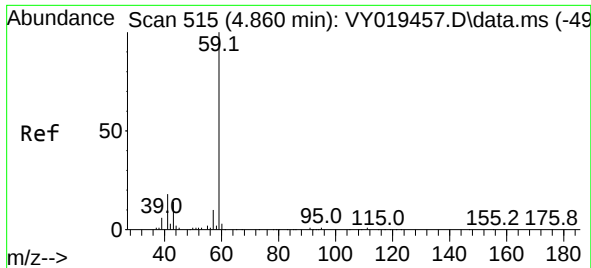
Reviewed By :Mahesh Dadoda 09/24/2024
Supervised By :Semsettin Yesilyurt 09/24/2024



#10
Methyl Iodide
Concen: 18.693 ug/l
RT: 4.001 min Scan# 374
Delta R.T. -0.006 min
Lab File: VY019660.D
Acq: 23 Sep 2024 11:51

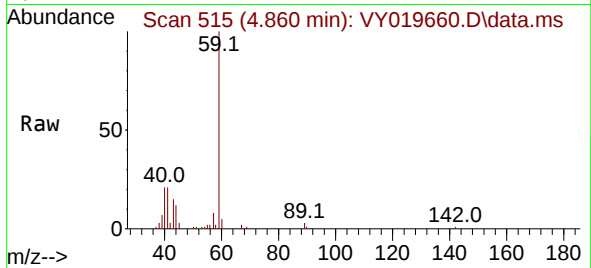
Tgt Ion:142 Resp: 92140
Ion Ratio Lower Upper
142 100
127 47.1 32.8 49.2
141 14.6 11.4 17.2





#11
Tert butyl alcohol
Concen: 103.701 ug/l
RT: 4.860 min Scan# 515
Delta R.T. 0.000 min
Lab File: VY019660.D
Acq: 23 Sep 2024 11:51

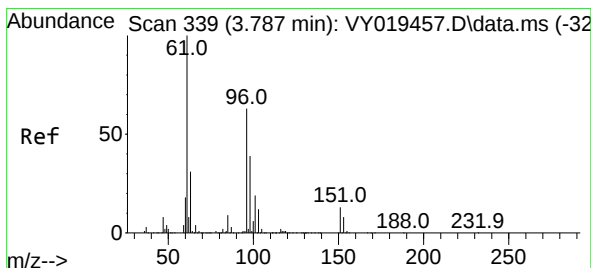
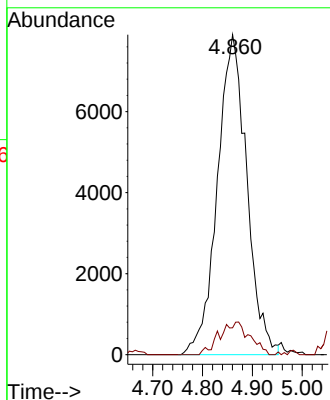
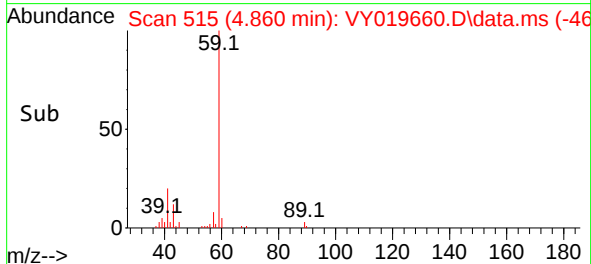
Instrument :
MSVOA_Y
ClientSampleId :
VY0923SBS01



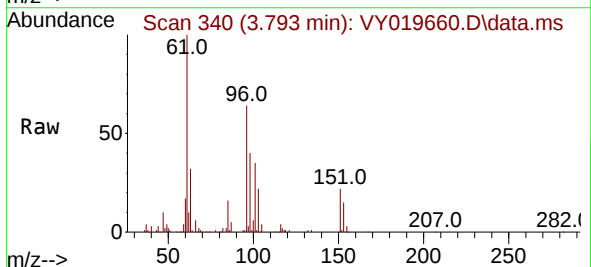
Tgt Ion: 59 Resp: 32310
Ion Ratio Lower Upper
59 100
57 10.5 3.0 4.6

Manual Integrations
APPROVED

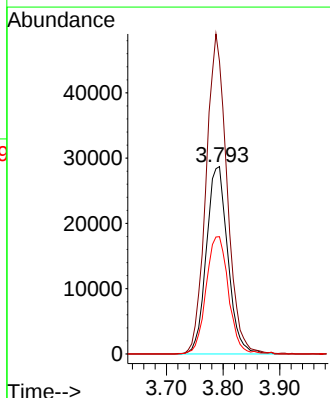
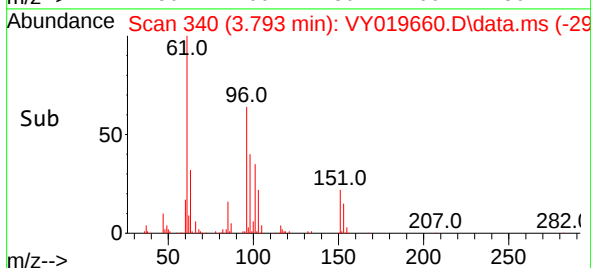
Reviewed By :Mahesh Dadoda 09/24/2024
Supervised By :Semsettin Yesilyurt 09/24/2024

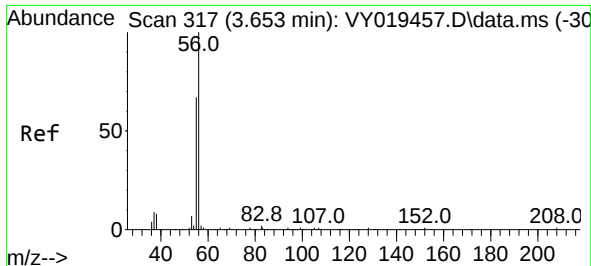


#12
1,1-Dichloroethene
Concen: 20.428 ug/l
RT: 3.793 min Scan# 340
Delta R.T. 0.006 min
Lab File: VY019660.D
Acq: 23 Sep 2024 11:51



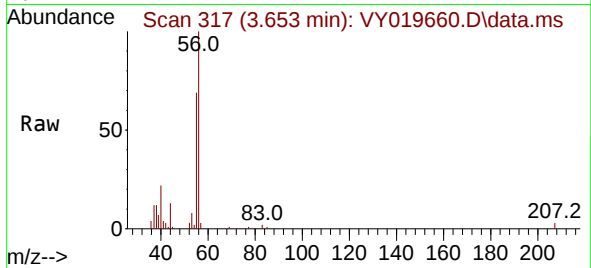
Tgt Ion: 96 Resp: 75527
Ion Ratio Lower Upper
96 100
61 155.9 114.6 171.8
98 62.6 50.8 76.2





#13
Acrolein
Concen: 97.667 ug/l
RT: 3.653 min Scan# 317
Delta R.T. 0.000 min
Lab File: VY019660.D
Acq: 23 Sep 2024 11:51

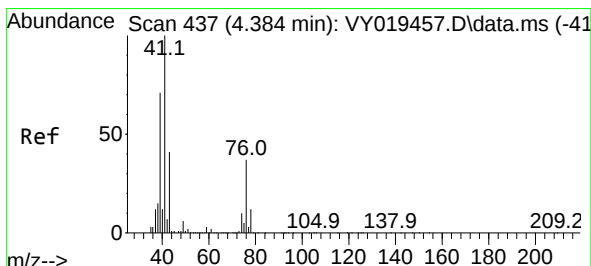
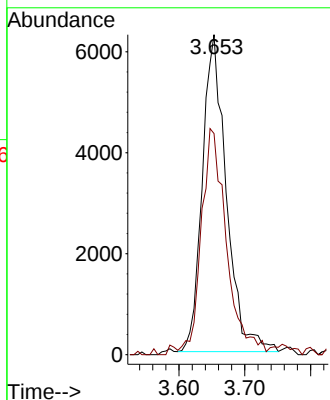
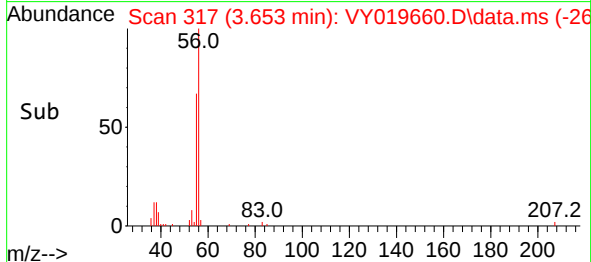
Instrument :
MSVOA_Y
ClientSampleId :
VY0923SBS01



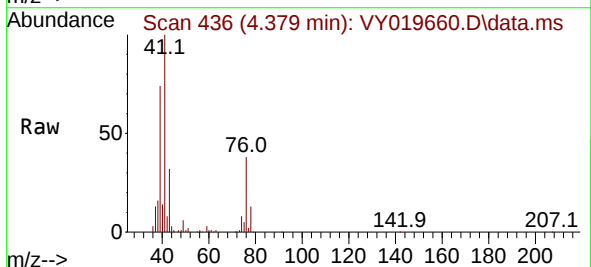
Tgt Ion: 56 Resp: 15962
Ion Ratio Lower Upper
56 100
55 74.7 55.7 83.5

Manual Integrations
APPROVED

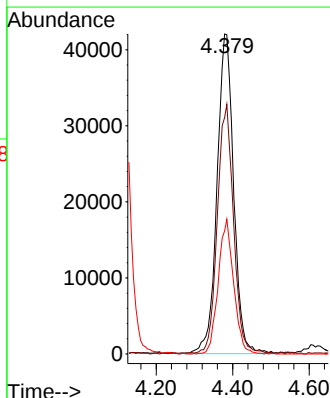
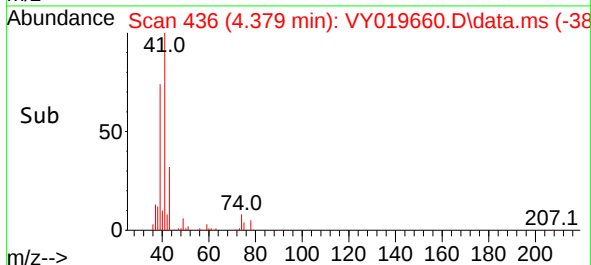
Reviewed By :Mahesh Dadoda 09/24/2024
Supervised By :Semsettin Yesilyurt 09/24/2024

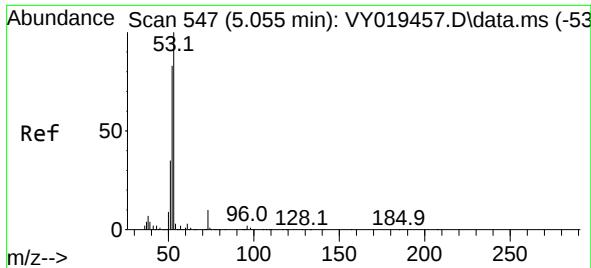


#14
Allyl chloride
Concen: 19.218 ug/l
RT: 4.379 min Scan# 436
Delta R.T. -0.006 min
Lab File: VY019660.D
Acq: 23 Sep 2024 11:51



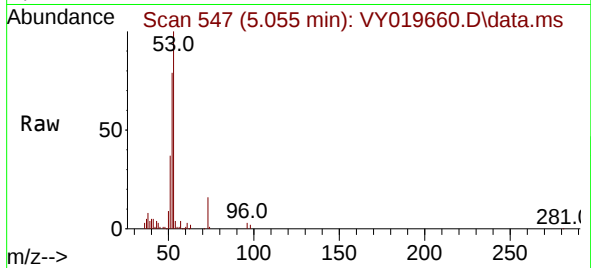
Tgt Ion: 41 Resp: 127418
Ion Ratio Lower Upper
41 100
39 75.5 58.3 87.5
76 38.9 39.0 58.6





#15
Acrylonitrile
Concen: 99.275 ug/l
RT: 5.055 min Scan# 547
Delta R.T. 0.000 min
Lab File: VY019660.D
Acq: 23 Sep 2024 11:51

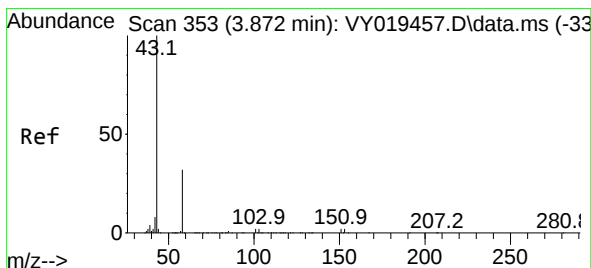
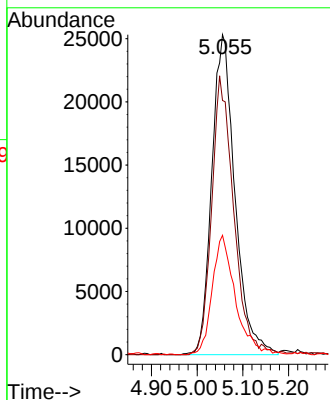
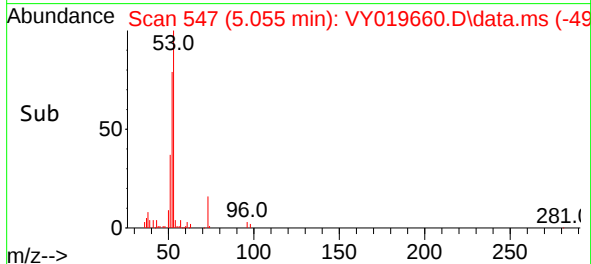
Instrument :
MSVOA_Y
ClientSampleId :
VY0923SBS01



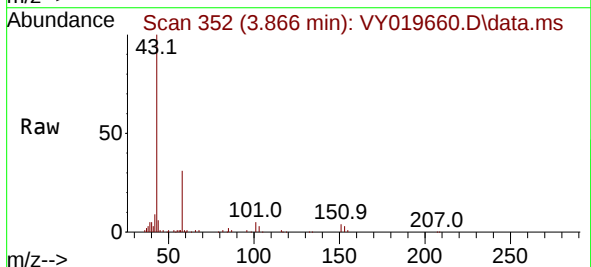
Tgt Ion: 53 Resp: 89297
Ion Ratio Lower Upper
53 100
52 82.6 64.7 97.1
51 37.3 28.4 42.6

Manual Integrations
APPROVED

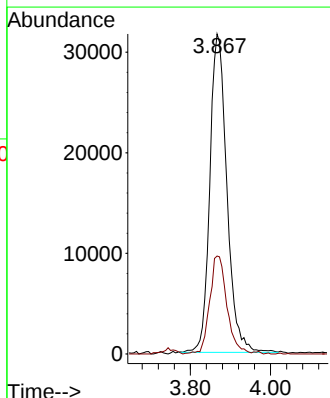
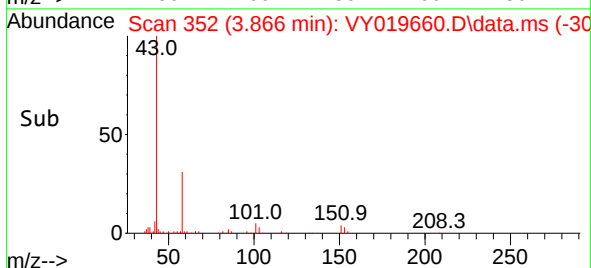
Reviewed By :Mahesh Dadoda 09/24/2024
Supervised By :Semsettin Yesilyurt 09/24/2024



#16
Acetone
Concen: 101.631 ug/l
RT: 3.866 min Scan# 352
Delta R.T. -0.006 min
Lab File: VY019660.D
Acq: 23 Sep 2024 11:51



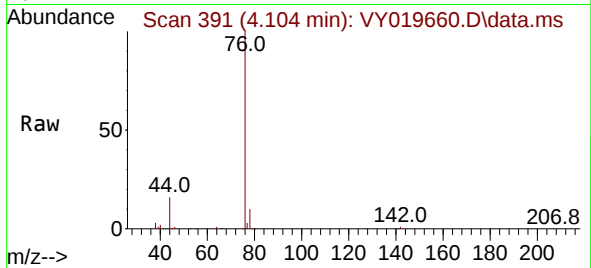
Tgt Ion: 43 Resp: 93429
Ion Ratio Lower Upper
43 100
58 30.6 31.7 47.5#





#17
Carbon Disulfide
Concen: 17.435 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY019660.D
Acq: 23 Sep 2024 11:51

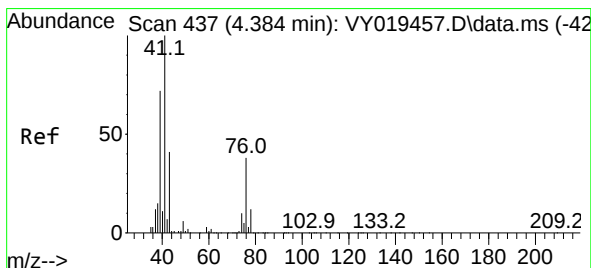
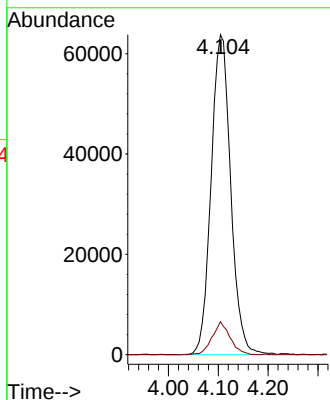
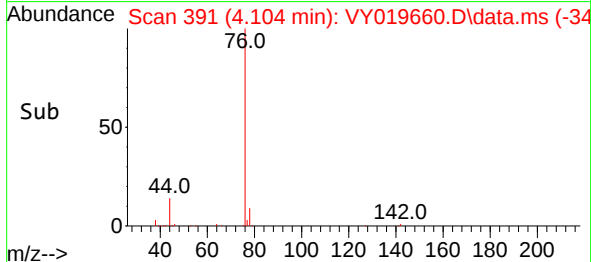
Instrument :
MSVOA_Y
ClientSampleId :
VY0923SBS01



Tgt Ion: 76 Resp: 17416
Ion Ratio Lower Upper
76 100
78 10.3 6.8 10.2

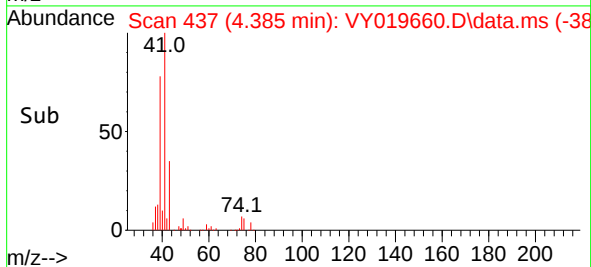
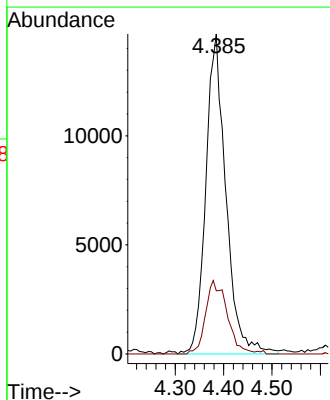
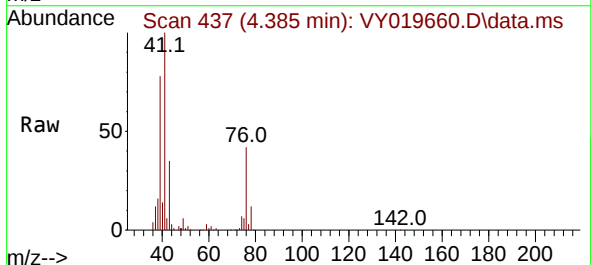
Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 09/24/2024
Supervised By :Semsettin Yesilyurt 09/24/2024



#18
Methyl Acetate
Concen: 16.930 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY019660.D
Acq: 23 Sep 2024 11:51

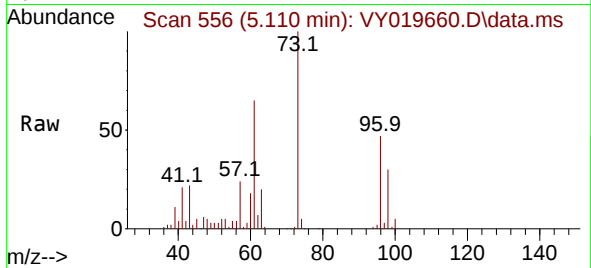
Tgt Ion: 43 Resp: 42236
Ion Ratio Lower Upper
43 100
74 24.6 23.3 34.9





#19
Methyl tert-butyl Ether
Concen: 20.611 ug/l
RT: 5.110 min Scan# 511
Delta R.T. -0.006 min
Lab File: VY019660.D
Acq: 23 Sep 2024 11:51

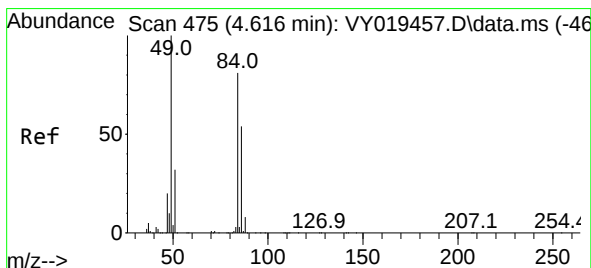
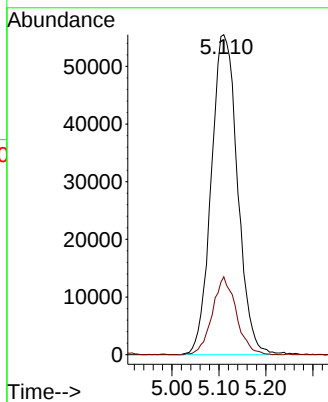
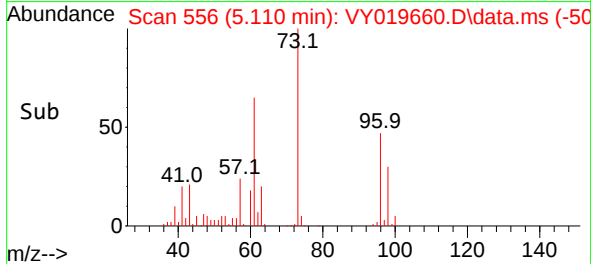
Instrument :
MSVOA_Y
ClientSampleId :
VY0923SBS01



Tgt Ion: 73 Resp: 215828
Ion Ratio Lower Upper
73 100
57 24.4 17.3 25.9

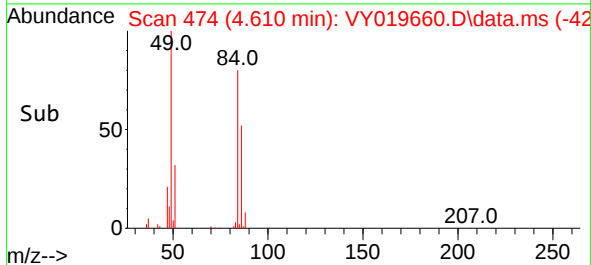
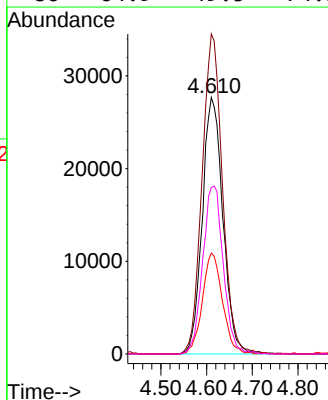
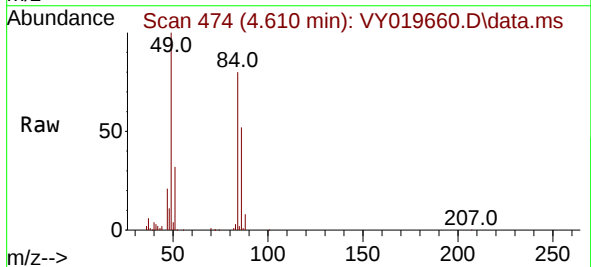
Manual Integrations
APPROVED

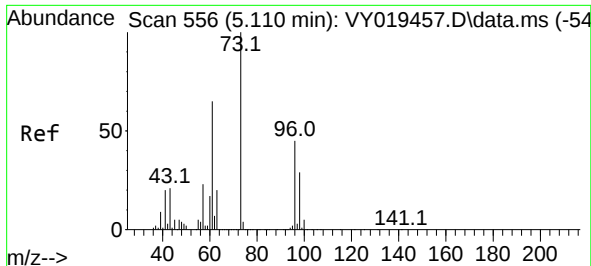
Reviewed By :Mahesh Dadoda 09/24/2024
Supervised By :Semsettin Yesilyurt 09/24/2024



#20
Methylene Chloride
Concen: 20.683 ug/l
RT: 4.610 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY019660.D
Acq: 23 Sep 2024 11:51

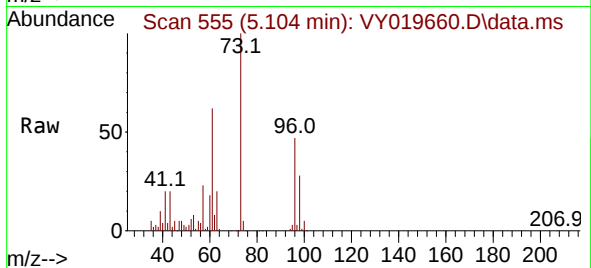
Tgt Ion: 84 Resp: 86712
Ion Ratio Lower Upper
84 100
49 124.7 84.4 126.6
51 39.3 26.0 39.0#
86 64.9 49.5 74.3





#21
trans-1,2-Dichloroethene
Concen: 20.599 ug/l
RT: 5.104 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY019660.D
Acq: 23 Sep 2024 11:51

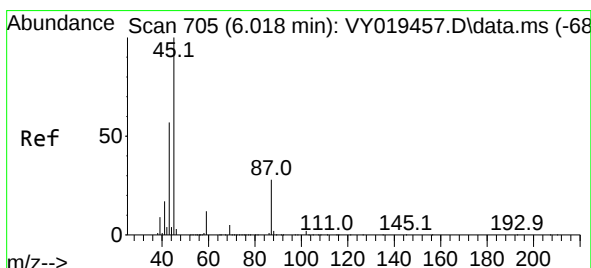
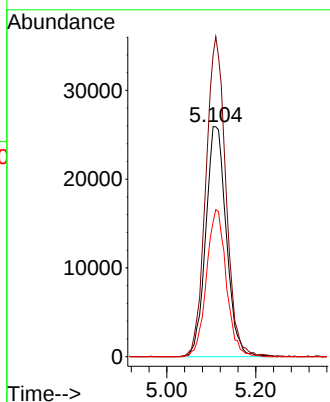
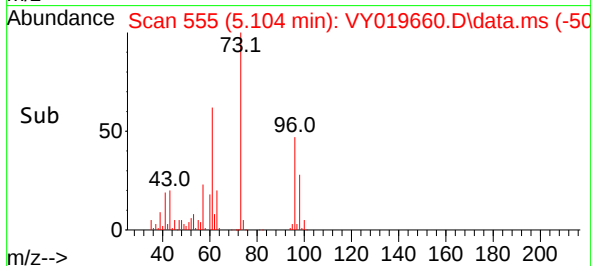
Instrument :
MSVOA_Y
ClientSampleId :
VY0923SBS01



Tgt Ion: 96 Resp: 83470
Ion Ratio Lower Upper
96 100
61 131.1 97.5 146.3
98 58.5 50.5 75.7

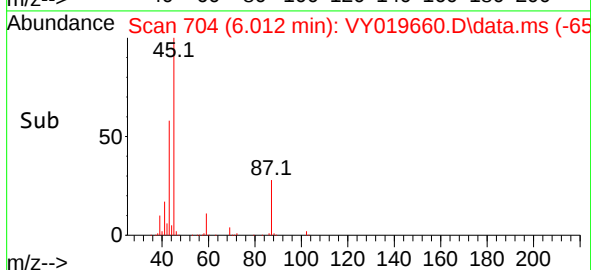
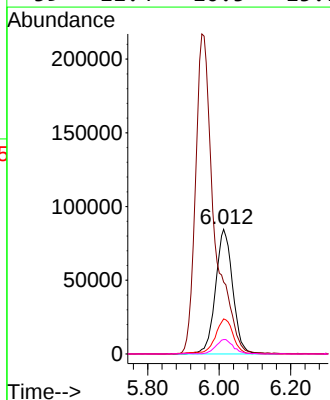
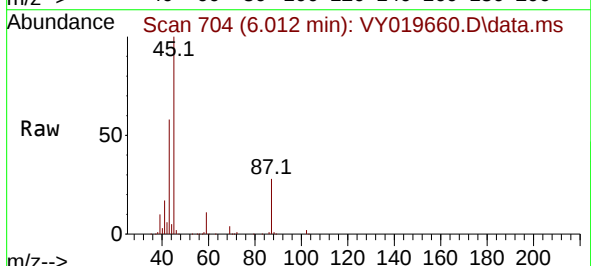
Manual Integrations
APPROVED

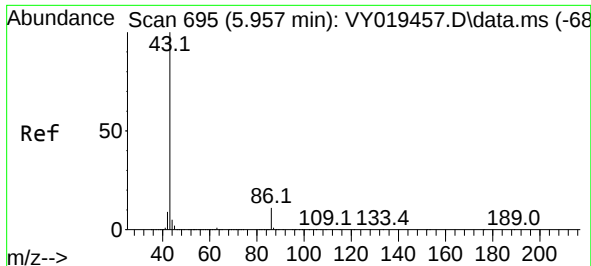
Reviewed By :Mahesh Dadoda 09/24/2024
Supervised By :Semsettin Yesilyurt 09/24/2024



#22
Diisopropyl ether
Concen: 20.703 ug/l
RT: 6.012 min Scan# 704
Delta R.T. -0.006 min
Lab File: VY019660.D
Acq: 23 Sep 2024 11:51

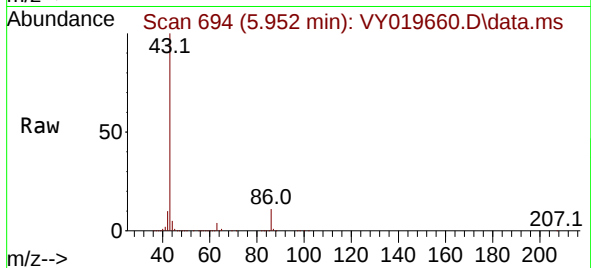
Tgt Ion: 45 Resp: 281877
Ion Ratio Lower Upper
45 100
43 57.3 42.2 63.2
87 28.2 25.0 37.6
59 11.4 10.5 15.7





#23
 Vinyl Acetate
 Concen: 100.998 ug/l
 RT: 5.952 min Scan# 694
 Delta R.T. -0.006 min
 Lab File: VY019660.D
 Acq: 23 Sep 2024 11:51

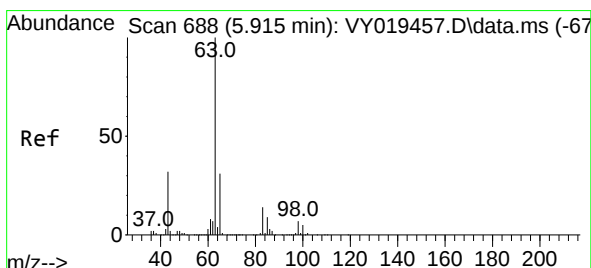
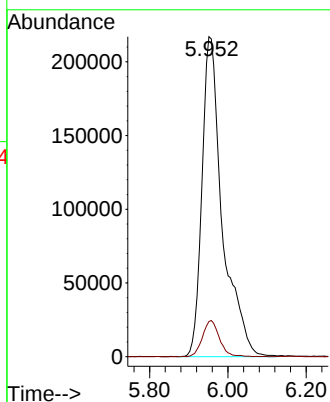
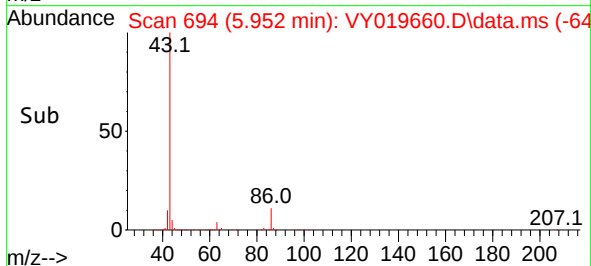
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0923SBS01



Tgt Ion: 43 Resp: 78545
 Ion Ratio Lower Upper
 43 100
 86 11.0 10.6 16.0

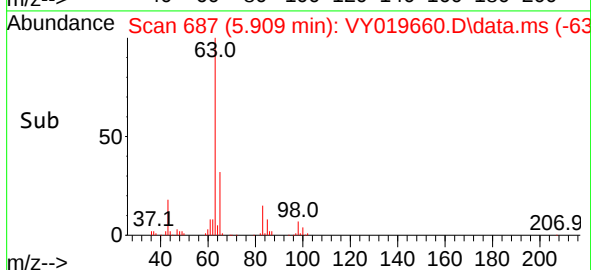
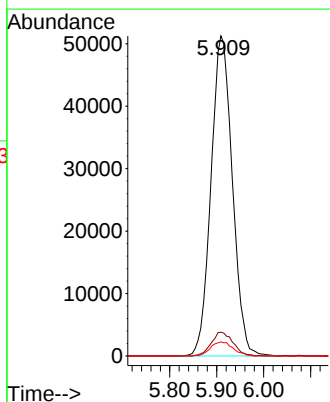
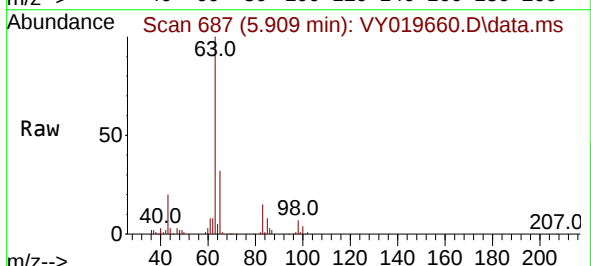
Manual Integrations
 APPROVED

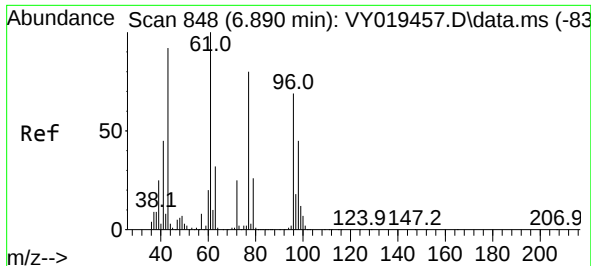
Reviewed By :Mahesh Dadoda 09/24/2024
 Supervised By :Semsettin Yesilyurt 09/24/2024



#24
 1,1-Dichloroethane
 Concen: 21.200 ug/l
 RT: 5.909 min Scan# 687
 Delta R.T. -0.006 min
 Lab File: VY019660.D
 Acq: 23 Sep 2024 11:51

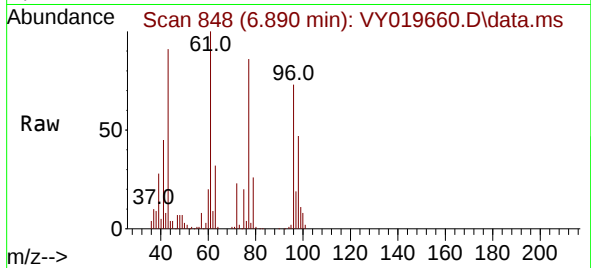
Tgt Ion: 63 Resp: 161969
 Ion Ratio Lower Upper
 63 100
 98 7.4 4.0 12.2
 100 4.4 2.6 8.0





#25
2-Butanone
Concen: 97.434 ug/l
RT: 6.890 min Scan# 848
Delta R.T. 0.000 min
Lab File: VY019660.D
Acq: 23 Sep 2024 11:51

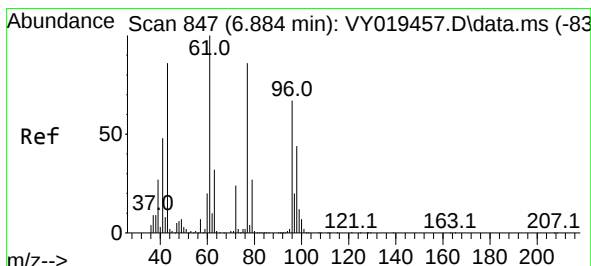
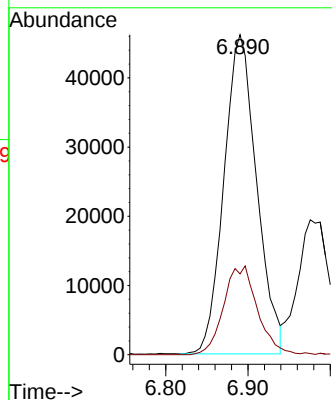
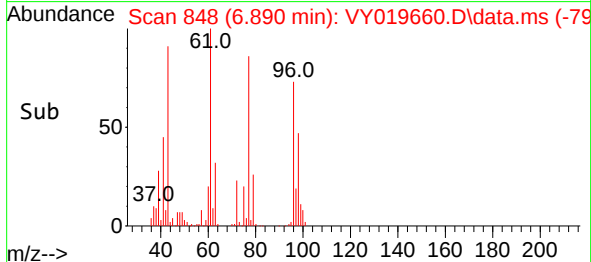
Instrument :
MSVOA_Y
ClientSampleId :
VY0923SBS01



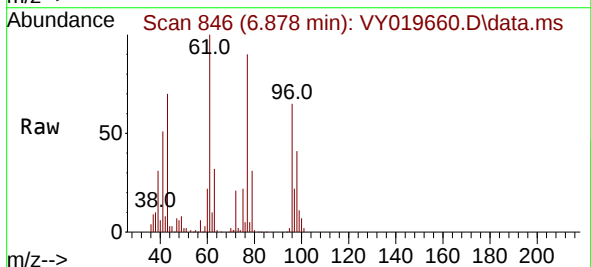
Tgt Ion: 43 Resp: 127392
Ion Ratio Lower Upper
43 100
72 25.3 27.3 40.9

Manual Integrations
APPROVED

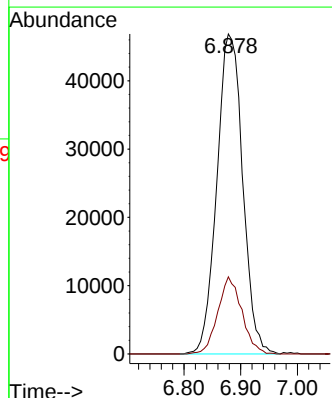
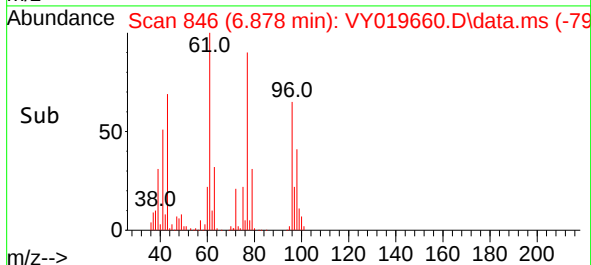
Reviewed By :Mahesh Dadoda 09/24/2024
Supervised By :Semsettin Yesilyurt 09/24/2024

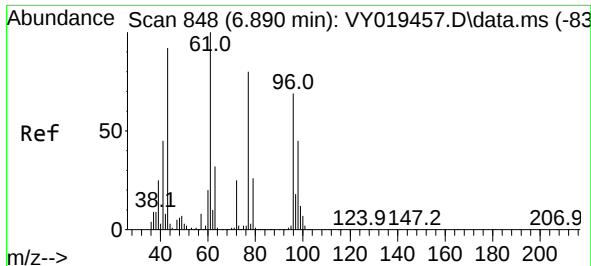


#26
2,2-Dichloropropane
Concen: 21.509 ug/l
RT: 6.878 min Scan# 846
Delta R.T. -0.006 min
Lab File: VY019660.D
Acq: 23 Sep 2024 11:51



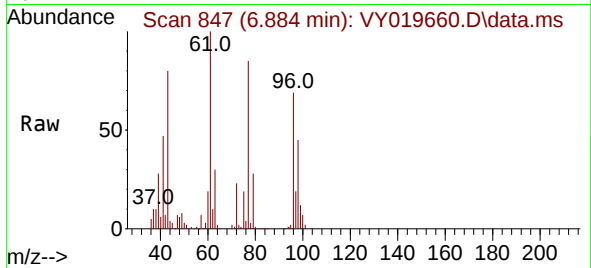
Tgt Ion: 77 Resp: 148236
Ion Ratio Lower Upper
77 100
97 22.4 12.0 36.1





#27
 cis-1,2-Dichloroethene
 Concen: 21.137 ug/l
 RT: 6.884 min Scan# 848
 Delta R.T. -0.006 min
 Lab File: VY019660.D
 Acq: 23 Sep 2024 11:51

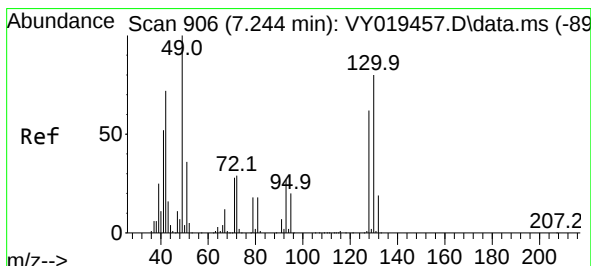
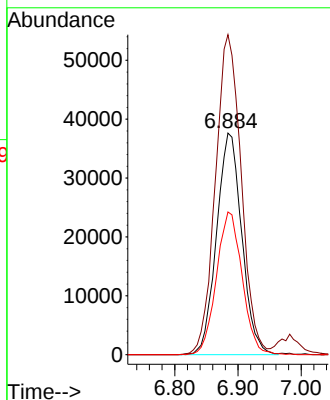
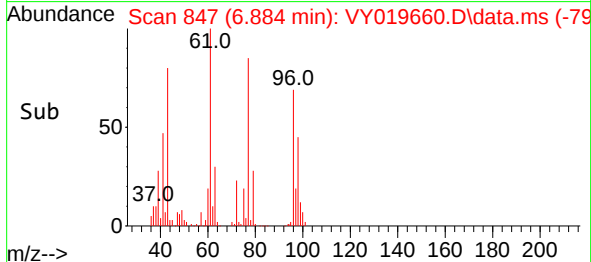
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0923SBS01



Tgt Ion: 96 Resp: 104050
 Ion Ratio Lower Upper
 96 100
 61 147.7 0.0 256.2
 98 65.7 0.0 130.0

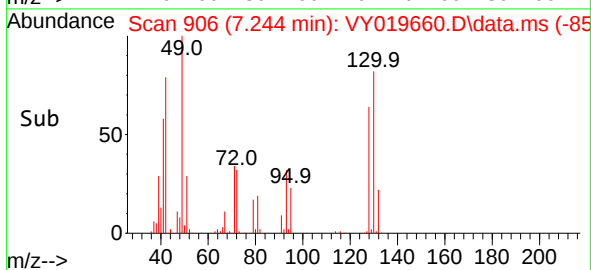
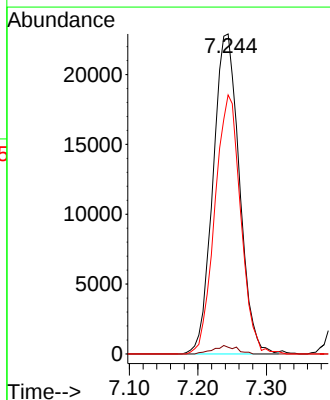
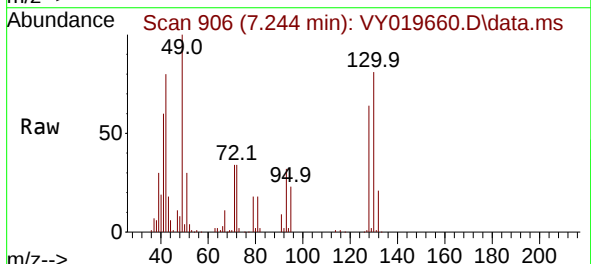
Manual Integrations
 APPROVED

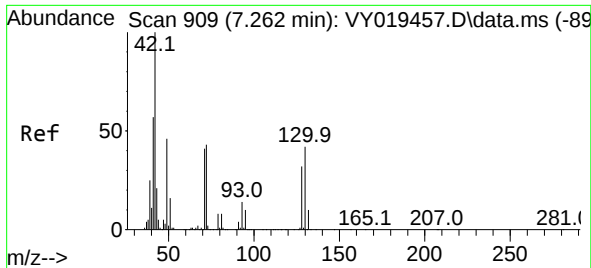
Reviewed By :Mahesh Dadoda 09/24/2024
 Supervised By :Semsettin Yesilyurt 09/24/2024



#28
 Bromochloromethane
 Concen: 19.012 ug/l
 RT: 7.244 min Scan# 906
 Delta R.T. 0.000 min
 Lab File: VY019660.D
 Acq: 23 Sep 2024 11:51

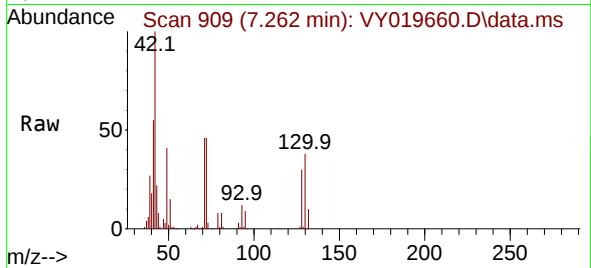
Tgt Ion: 49 Resp: 61115
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 4.6
 130 79.4 72.7 109.1





#29
Tetrahydrofuran
Concen: 92.706 ug/l
RT: 7.262 min Scan# 909
Delta R.T. 0.000 min
Lab File: VY019660.D
Acq: 23 Sep 2024 11:51

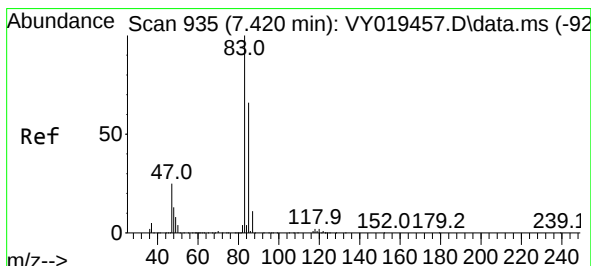
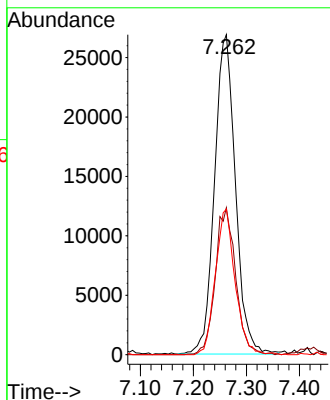
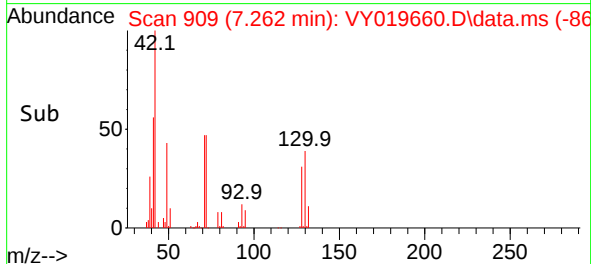
Instrument :
MSVOA_Y
ClientSampleId :
VY0923SBS01



Tgt Ion: 42 Resp: 73698
Ion Ratio Lower Upper
42 100
72 45.0 43.0 64.4
71 42.9 40.8 61.2

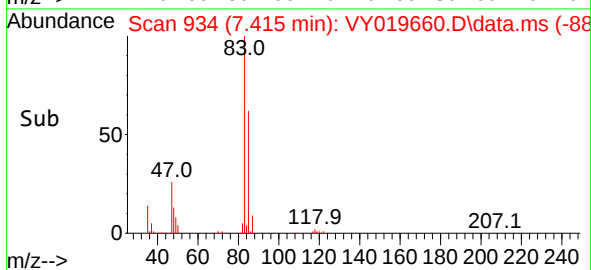
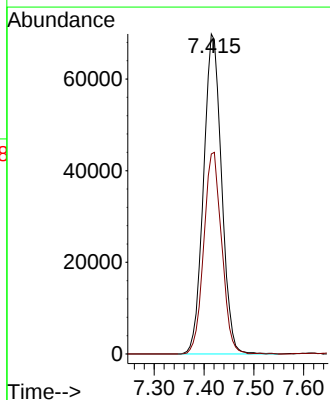
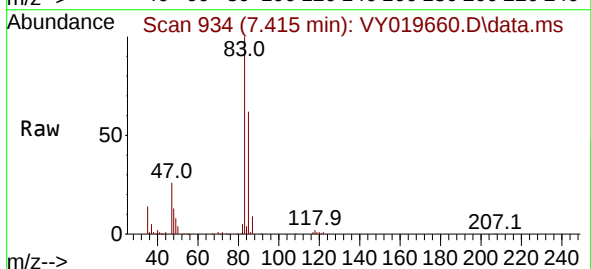
Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 09/24/2024
Supervised By :Semsettin Yesilyurt 09/24/2024



#30
Chloroform
Concen: 22.494 ug/l
RT: 7.415 min Scan# 934
Delta R.T. -0.006 min
Lab File: VY019660.D
Acq: 23 Sep 2024 11:51

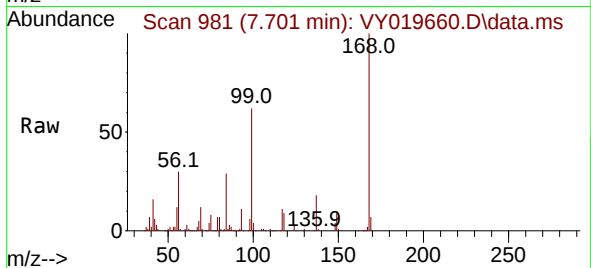
Tgt Ion: 83 Resp: 175441
Ion Ratio Lower Upper
83 100
85 62.5 52.2 78.4





#31
Cyclohexane
Concen: 19.076 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY019660.D
Acq: 23 Sep 2024 11:51

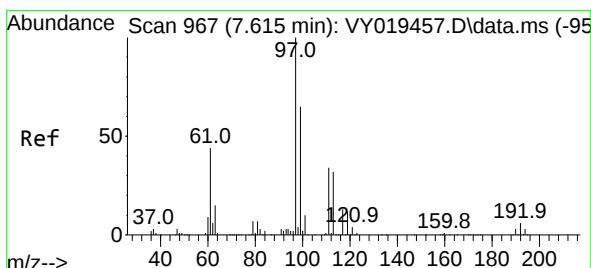
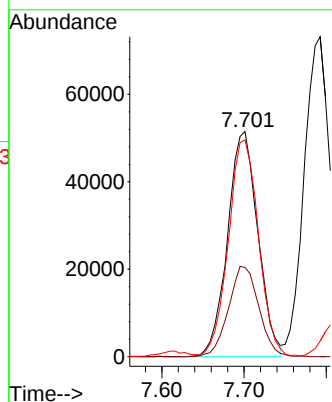
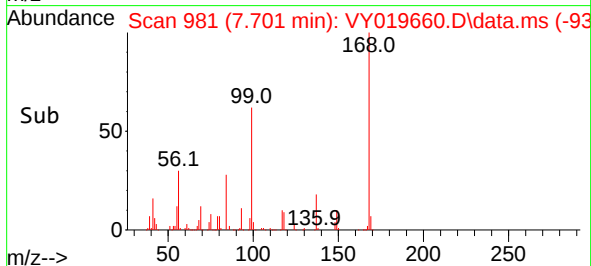
Instrument :
MSVOA_Y
ClientSampleId :
VY0923SBS01



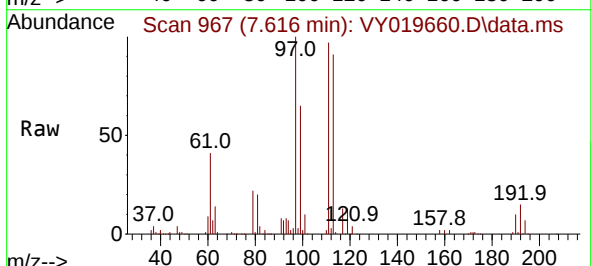
Tgt Ion: 56 Resp: 13173
Ion Ratio Lower Upper
56 100
69 39.6 28.7 43.1
84 94.8 77.7 116.5

Manual Integrations
APPROVED

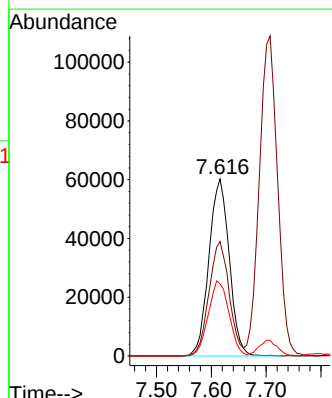
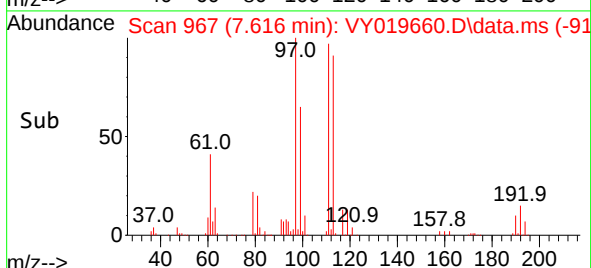
Reviewed By :Mahesh Dadoda 09/24/2024
Supervised By :Semsettin Yesilyurt 09/24/2024



#32
1,1,1-Trichloroethane
Concen: 22.180 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY019660.D
Acq: 23 Sep 2024 11:51



Tgt Ion: 97 Resp: 155055
Ion Ratio Lower Upper
97 100
99 64.2 50.3 75.5
61 43.1 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 52.519 ug/l

RT: 8.061 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY019660.D

Acq: 23 Sep 2024 11:51

Instrument :

MSVOA_Y

ClientSampleId :

VY0923SBS01

Tgt Ion: 65 Resp: 202658

Ion Ratio Lower Upper

65 100

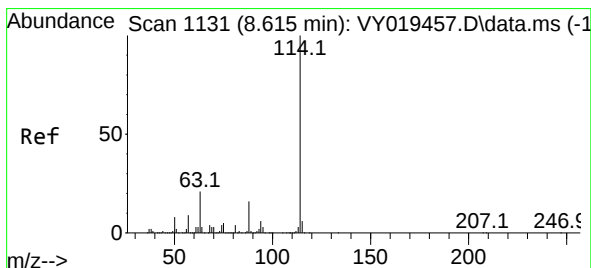
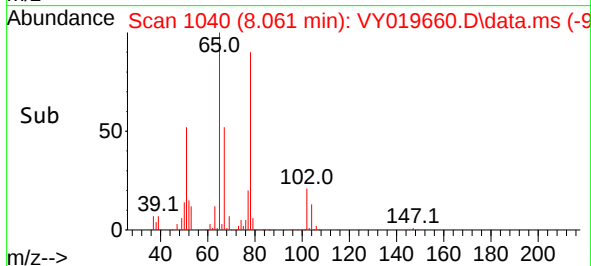
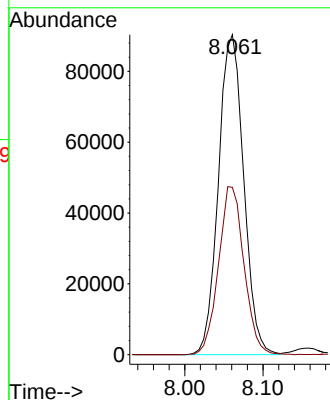
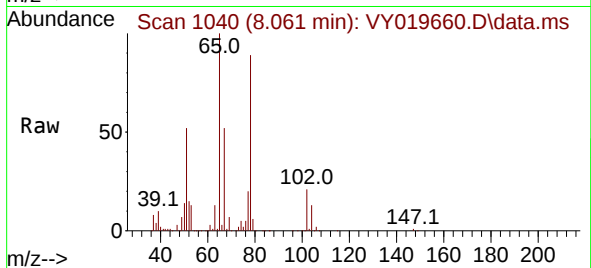
67 53.0 0.0 109.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/24/2024

Supervised By :Semsettin Yesilyurt 09/24/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY019660.D

Acq: 23 Sep 2024 11:51

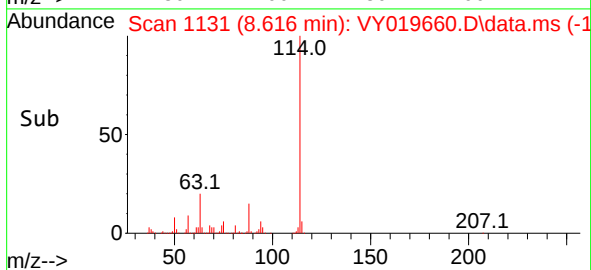
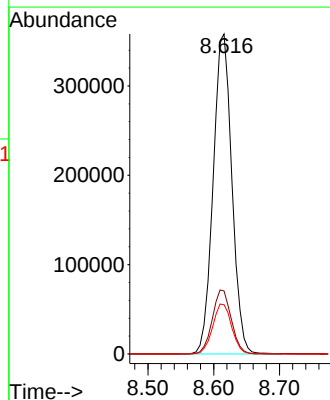
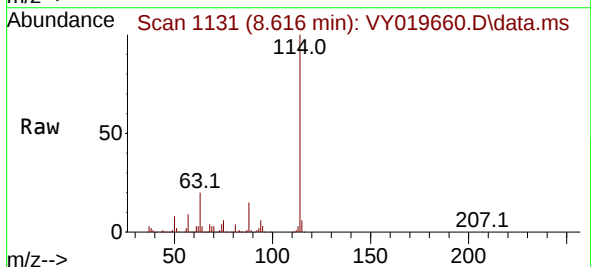
Tgt Ion:114 Resp: 709663

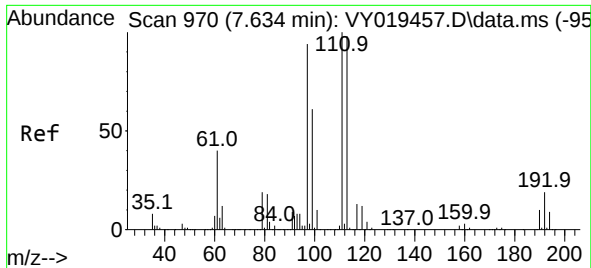
Ion Ratio Lower Upper

114 100

63 19.7 0.0 35.0

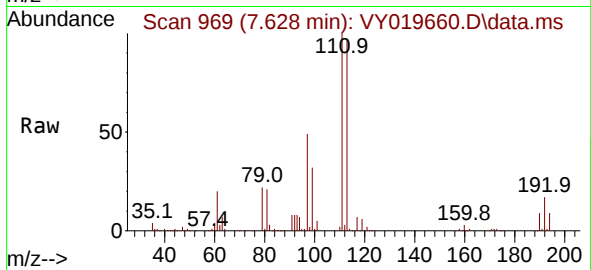
88 15.4 0.0 27.2





#35
Dibromofluoromethane
Concen: 51.656 ug/l
RT: 7.628 min Scan# 90
Delta R.T. -0.006 min
Lab File: VY019660.D
Acq: 23 Sep 2024 11:51

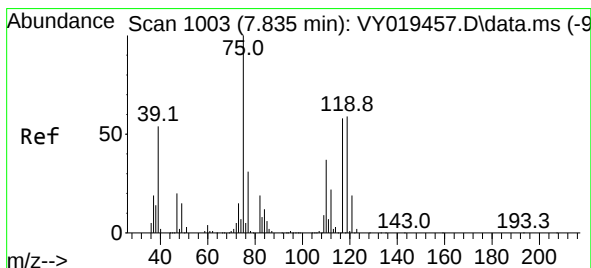
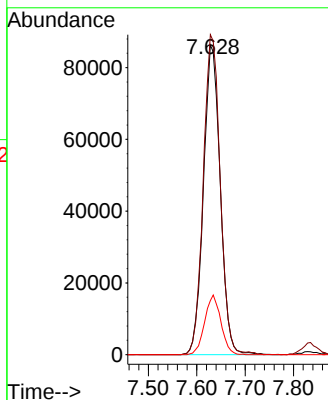
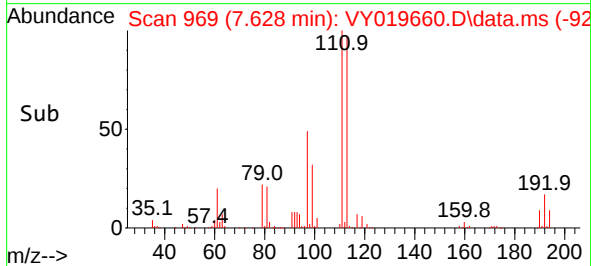
Instrument :
MSVOA_Y
ClientSampleId :
VY0923SBS01



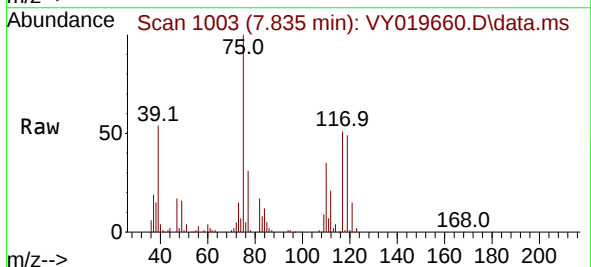
Tgt Ion: 113 Resp: 20784
Ion Ratio Lower Upper
113 100
111 104.3 82.2 123.4
192 18.6 15.9 23.9

Manual Integrations
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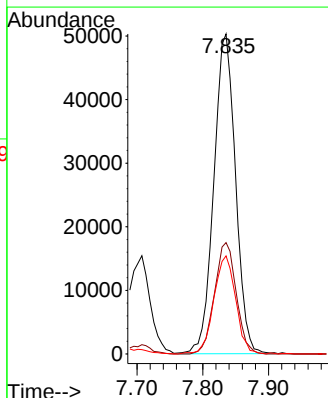
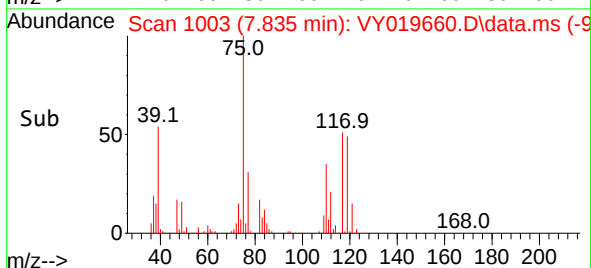
Reviewed By :Mahesh Dadoda 09/24/2024
Supervised By :Semsettin Yesilyurt 09/24/2024

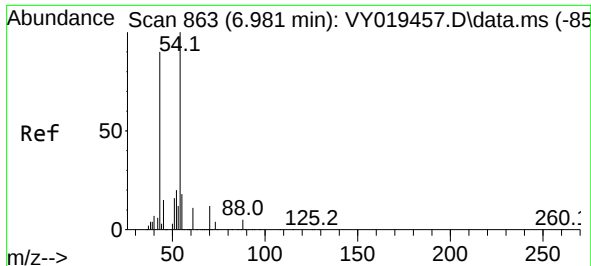


#36
1,1-Dichloropropene
Concen: 21.096 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.000 min
Lab File: VY019660.D
Acq: 23 Sep 2024 11:51



Tgt Ion: 75 Resp: 115501
Ion Ratio Lower Upper
75 100
110 34.9 19.0 57.0
77 30.8 25.3 37.9





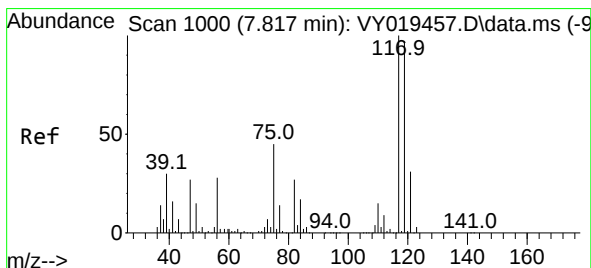
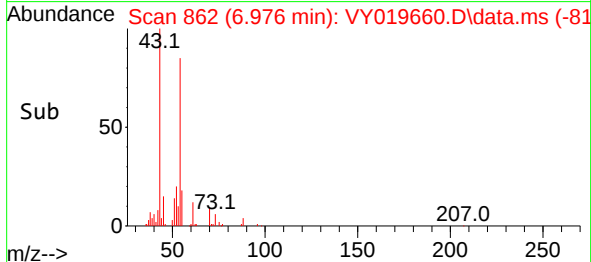
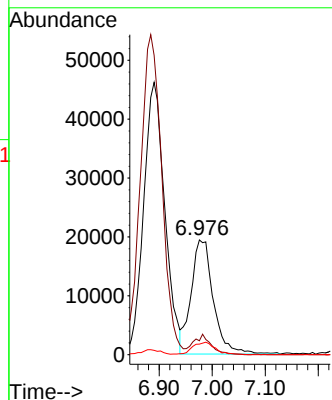
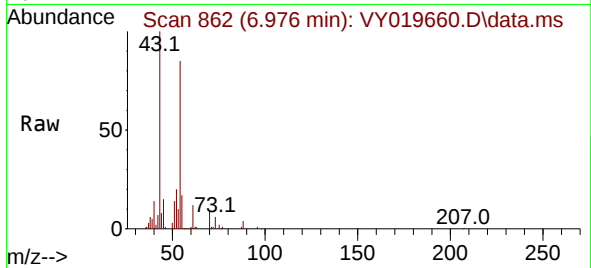
#37
Ethyl Acetate
Concen: 20.174 ug/l
RT: 6.976 min Scan# 80
Delta R.T. -0.006 min
Lab File: VY019660.D
Acq: 23 Sep 2024 11:51

Instrument :
MSVOA_Y
ClientSampleId :
VY0923SBS01

Tgt Ion: 43 Resp: 56594
Ion Ratio Lower Upper
43 100
61 13.8 12.6 19.0
70 11.1 7.8 11.8

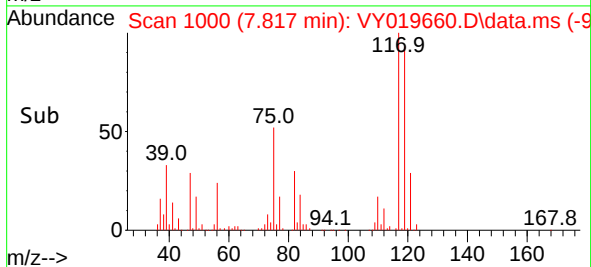
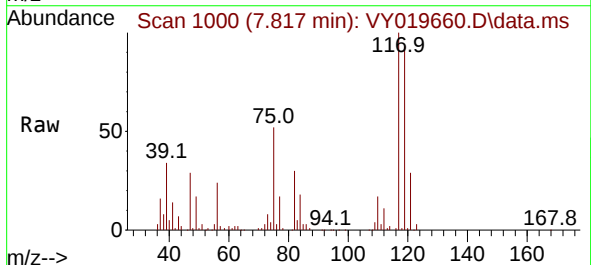
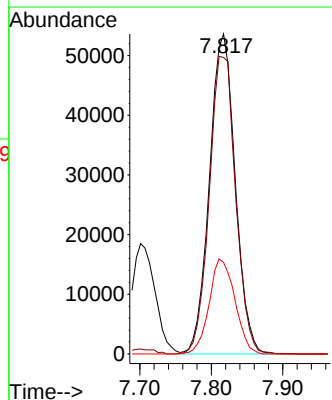
Manual Integrations
APPROVED

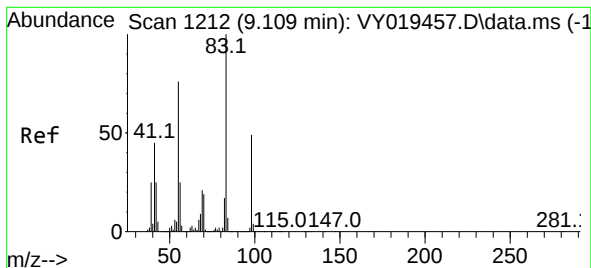
Reviewed By :Mahesh Dadoda 09/24/2024
Supervised By :Semsettin Yesilyurt 09/24/2024



#38
Carbon Tetrachloride
Concen: 21.774 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY019660.D
Acq: 23 Sep 2024 11:51

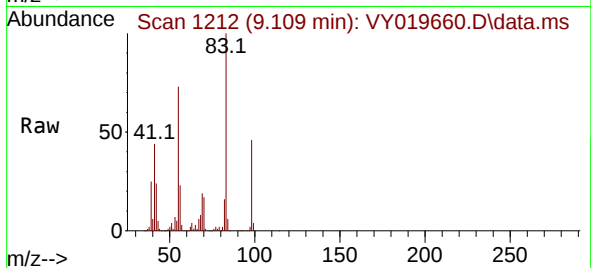
Tgt Ion:117 Resp: 134435
Ion Ratio Lower Upper
117 100
119 92.5 75.8 113.6
121 28.6 24.0 36.0





#39
Methylcyclohexane
Concen: 19.905 ug/l
RT: 9.109 min Scan# 1212
Delta R.T. 0.000 min
Lab File: VY019660.D
Acq: 23 Sep 2024 11:51

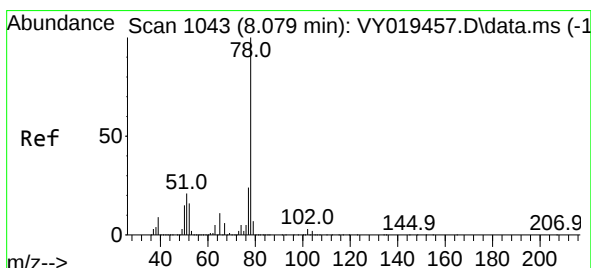
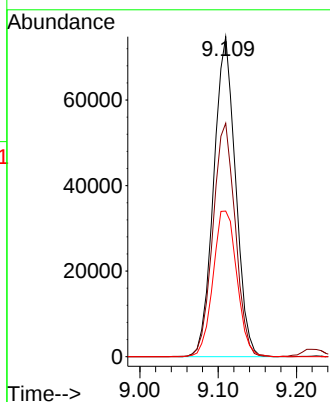
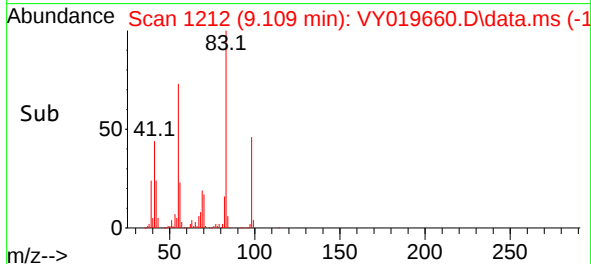
Instrument :
MSVOA_Y
ClientSampleId :
VY0923SBS01



Tgt Ion: 83 Resp: 14503
Ion Ratio Lower Upper
83 100
55 73.0 51.5 77.3
98 45.5 40.5 60.7

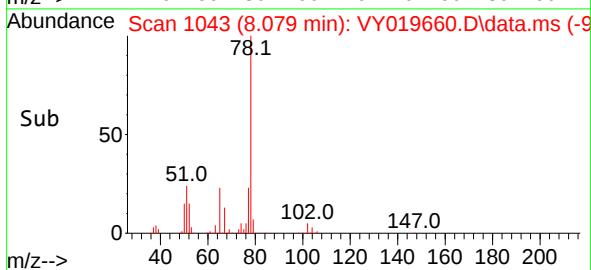
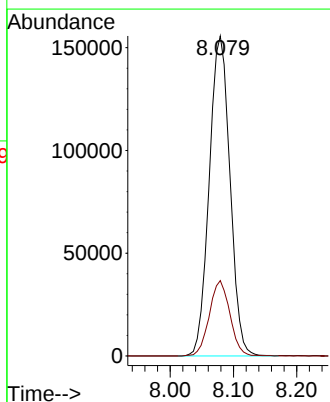
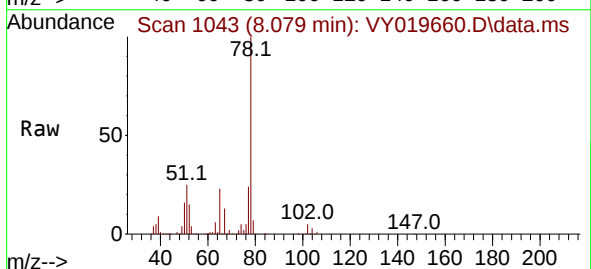
Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 09/24/2024
Supervised By :Semsettin Yesilyurt 09/24/2024



#40
Benzene
Concen: 21.036 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. 0.000 min
Lab File: VY019660.D
Acq: 23 Sep 2024 11:51

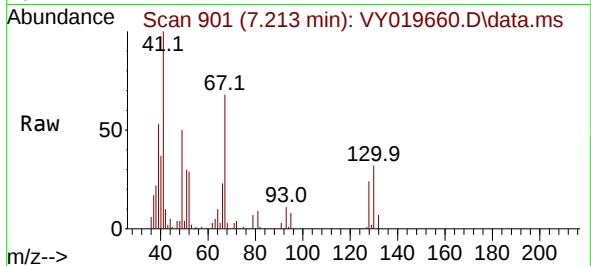
Tgt Ion: 78 Resp: 354742
Ion Ratio Lower Upper
78 100
77 23.5 19.5 29.3





#41
Methacrylonitrile
Concen: 19.143 ug/l
RT: 7.213 min Scan# 901
Delta R.T. -0.006 min
Lab File: VY019660.D
Acq: 23 Sep 2024 11:51

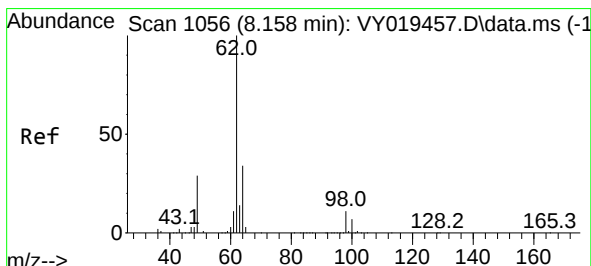
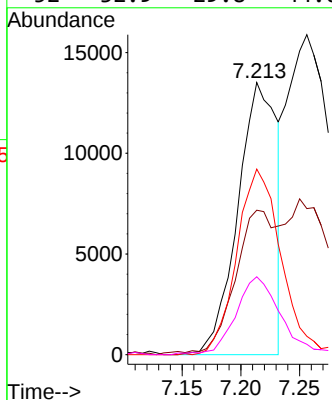
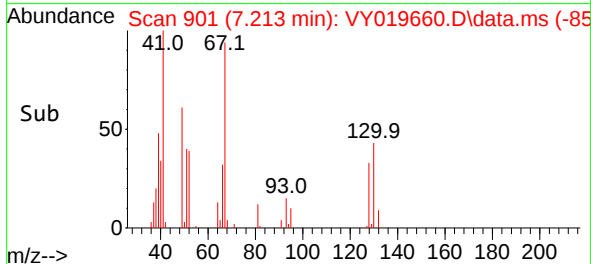
Instrument :
MSVOA_Y
ClientSampleId :
VY0923SBS01



Tgt Ion: 41	Resp: 31304
Ion Ratio	Lower Upper
41 100	
39 56.9	48.0 72.0
67 77.9	75.1 112.7
52 32.9	29.8 44.6

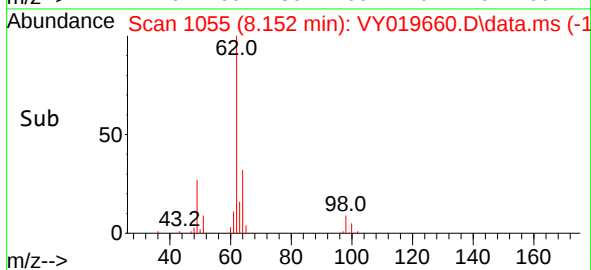
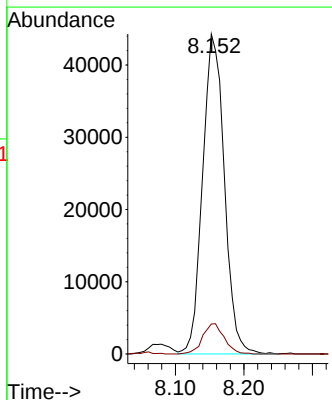
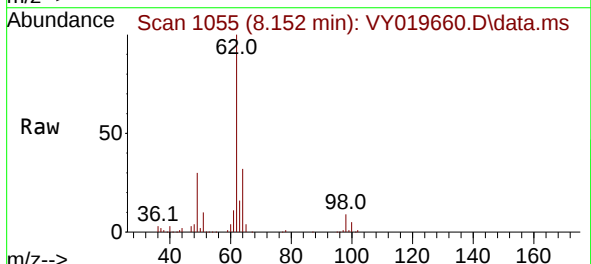
Manual Integrations
APPROVED

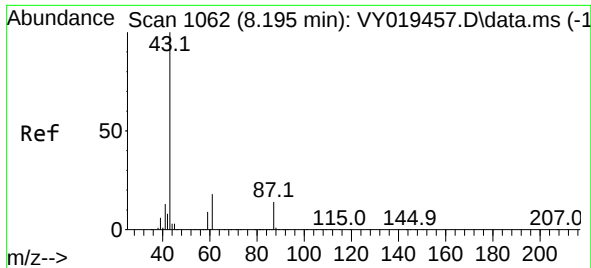
Reviewed By :Mahesh Dadoda 09/24/2024
Supervised By :Semsettin Yesilyurt 09/24/2024



#42
1,2-Dichloroethane
Concen: 21.590 ug/l
RT: 8.152 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VY019660.D
Acq: 23 Sep 2024 11:51

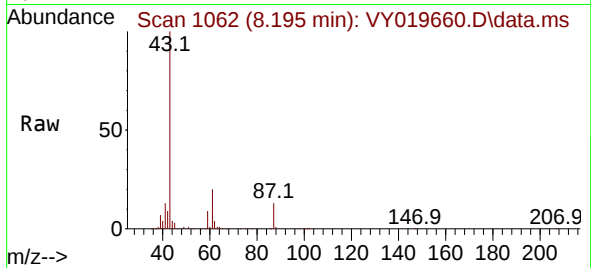
Tgt Ion: 62	Resp: 97968
Ion Ratio	Lower Upper
62 100	
98 9.4	0.0 22.0





#43
Isopropyl Acetate
Concen: 19.447 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VY019660.D
Acq: 23 Sep 2024 11:51

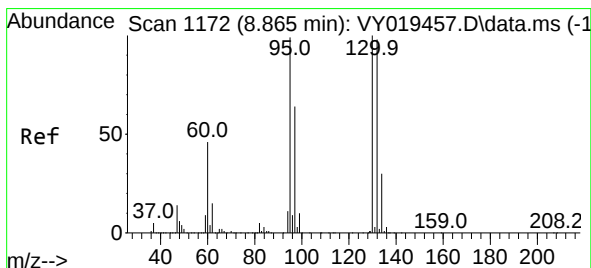
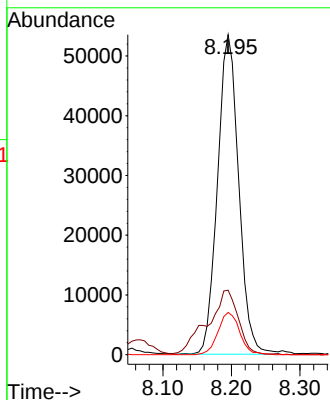
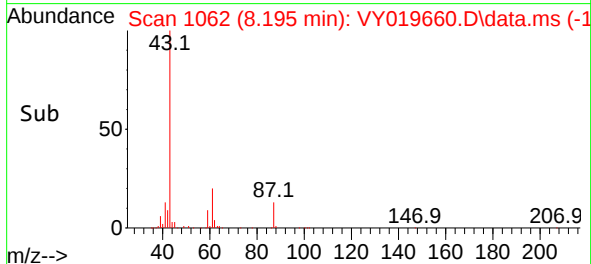
Instrument :
MSVOA_Y
ClientSampleId :
VY0923SBS01



Tgt Ion: 43 Resp: 11461
Ion Ratio Lower Upper
43 100
61 29.0 27.9 41.9
87 13.5 13.1 19.7

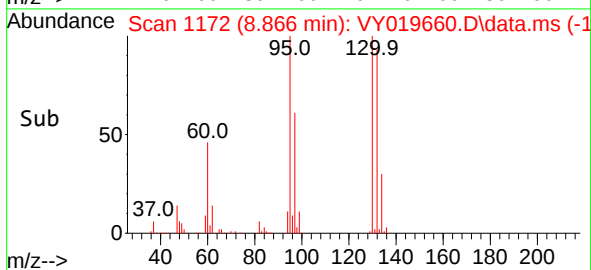
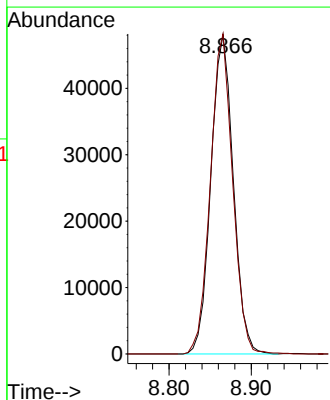
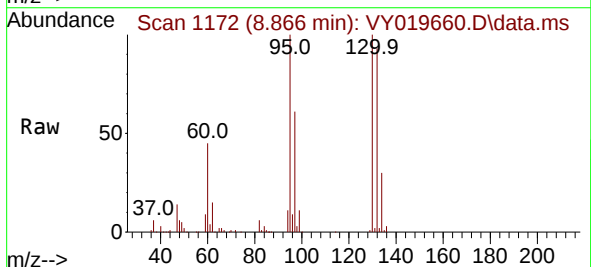
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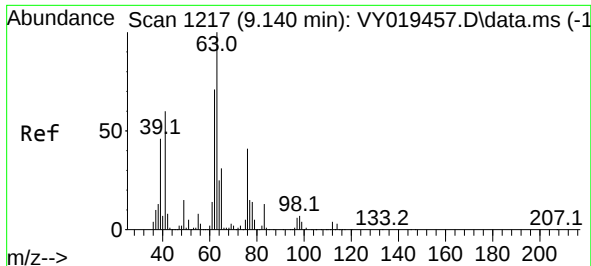
Reviewed By :Mahesh Dadoda 09/24/2024
Supervised By :Semsettin Yesilyurt 09/24/2024



#44
Trichloroethene
Concen: 20.935 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY019660.D
Acq: 23 Sep 2024 11:51

Tgt Ion:130 Resp: 90793
Ion Ratio Lower Upper
130 100
95 100.4 0.0 188.0





#45

1,2-Dichloropropane

Concen: 20.902 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY019660.D

Acq: 23 Sep 2024 11:51

Instrument :

MSVOA_Y

ClientSampleId :

VY0923SBS01

Tgt Ion: 63 Resp: 86170

Ion Ratio Lower Upper

63 100

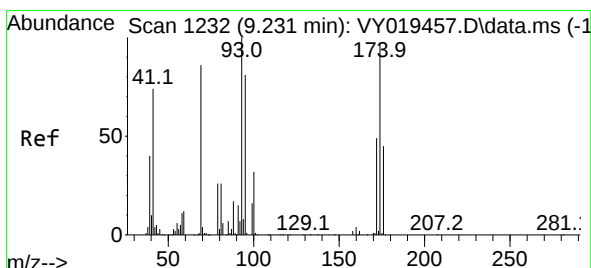
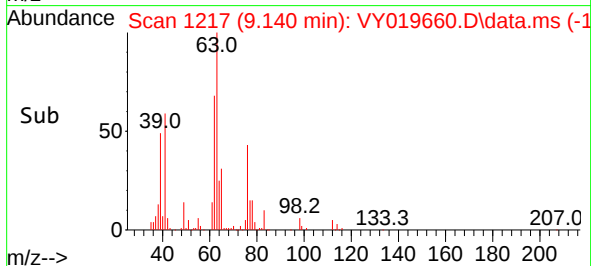
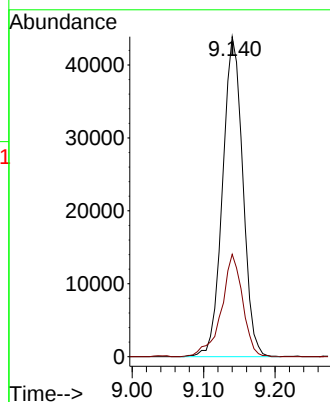
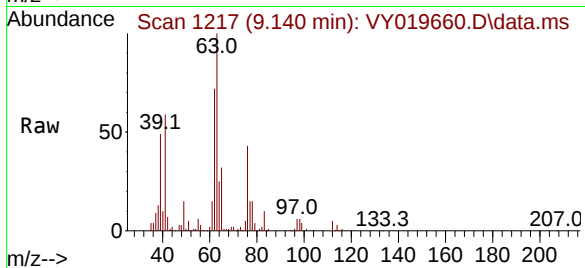
65 32.0 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/24/2024

Supervised By :Semsettin Yesilyurt 09/24/2024



#46

Dibromomethane

Concen: 20.751 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY019660.D

Acq: 23 Sep 2024 11:51

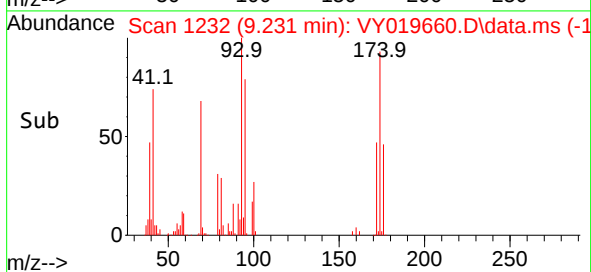
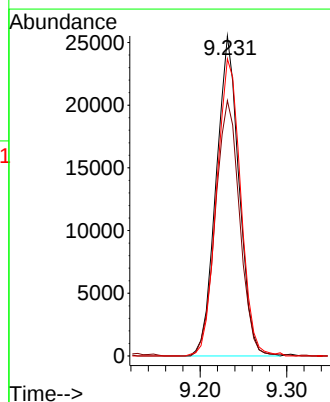
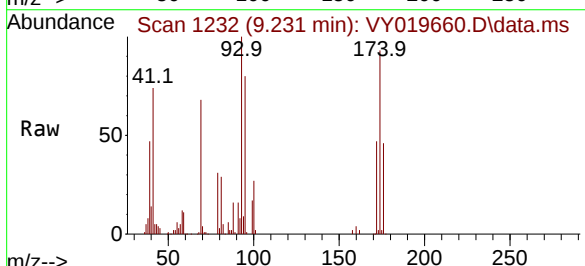
Tgt Ion: 93 Resp: 46782

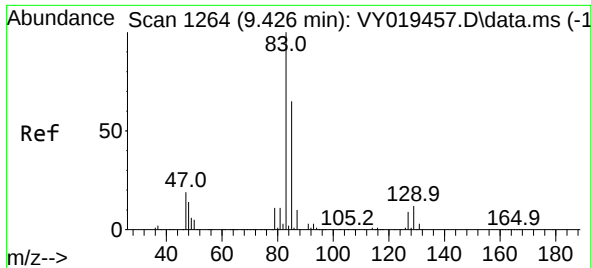
Ion Ratio Lower Upper

93 100

95 84.7 66.2 99.4

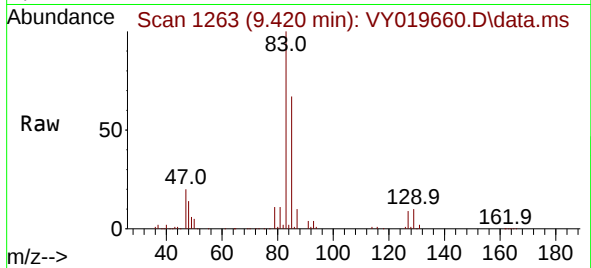
174 97.5 80.9 121.3





#47
Bromodichloromethane
Concen: 21.787 ug/l
RT: 9.420 min Scan# 1263
Delta R.T. -0.006 min
Lab File: VY019660.D
Acq: 23 Sep 2024 11:51

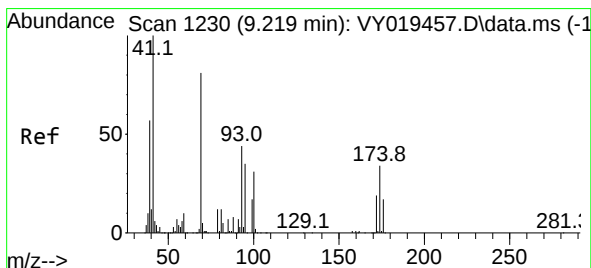
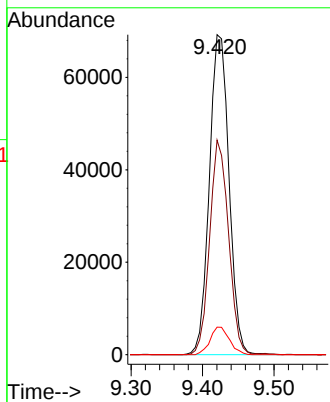
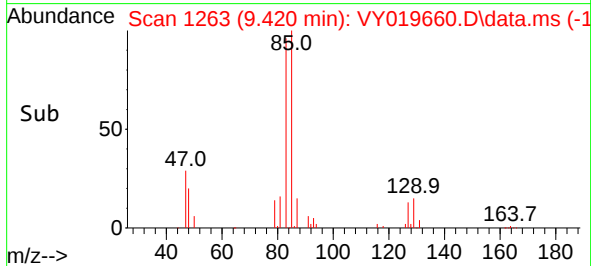
Instrument :
MSVOA_Y
ClientSampleId :
VY0923SBS01



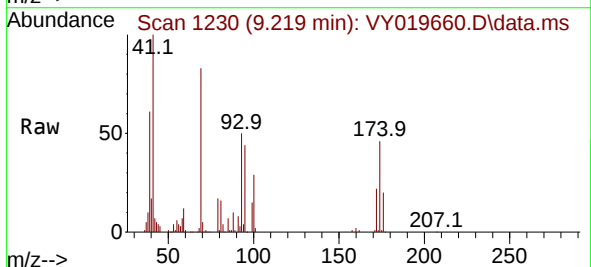
Tgt Ion: 83 Resp: 13203
Ion Ratio Lower Upper
83 100
85 67.0 50.1 75.1
127 8.6 7.4 11.0

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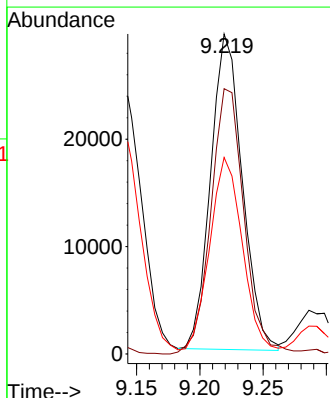
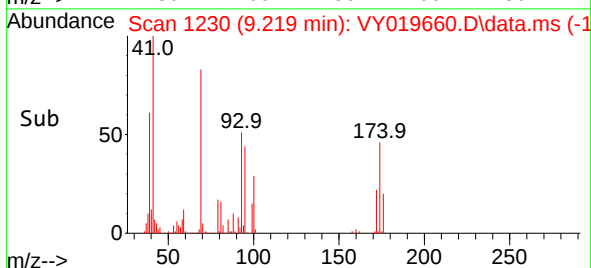
Reviewed By :Mahesh Dadoda 09/24/2024
Supervised By :Semsettin Yesilyurt 09/24/2024

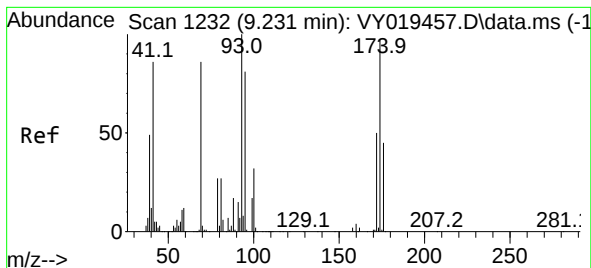


#48
Methyl methacrylate
Concen: 18.350 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VY019660.D
Acq: 23 Sep 2024 11:51



Tgt Ion: 41 Resp: 51071
Ion Ratio Lower Upper
41 100
69 88.2 84.1 126.1
39 62.5 43.6 65.4





#49

1,4-Dioxane

Concen: 383.002 ug/l

RT: 9.225 min Scan# 1231

Delta R.T. -0.006 min

Lab File: VY019660.D

Acq: 23 Sep 2024 11:51

Instrument :

MSVOA_Y

ClientSampleId :

VY0923SBS01

Tgt Ion: 88 Resp: 1016

Ion Ratio Lower Upper

88 100

43 32.4 0.0 0.0

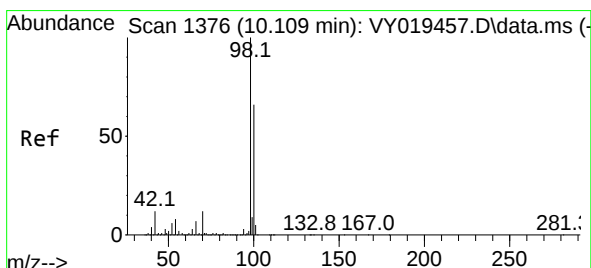
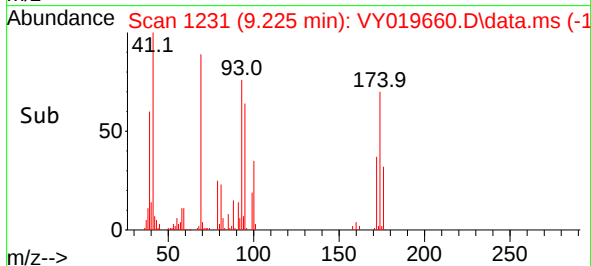
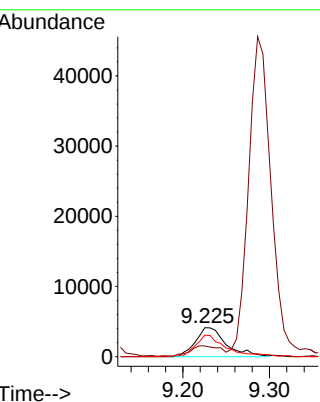
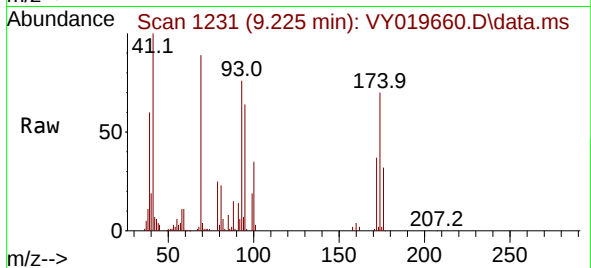
58 75.3 49.3 73.9

Manual Integrations

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Reviewed By :Mahesh Dadoda 09/24/2024

Supervised By :Semsettin Yesilyurt 09/24/2024



#50

Toluene-d8

Concen: 51.717 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY019660.D

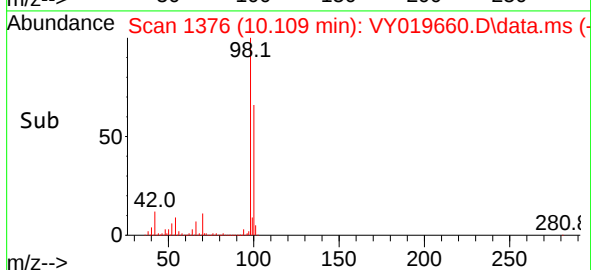
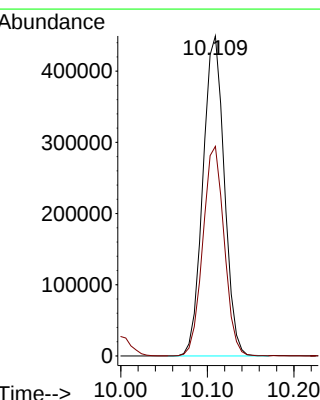
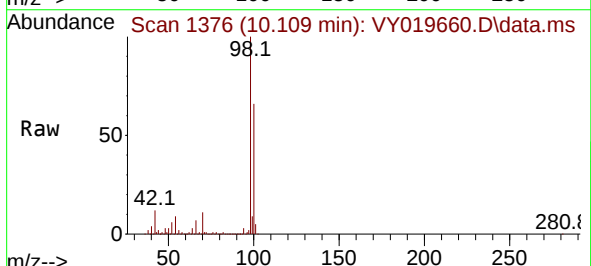
Acq: 23 Sep 2024 11:51

Tgt Ion: 98 Resp: 769675

Ion Ratio Lower Upper

98 100

100 65.4 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 94.525 ug/l

RT: 10.000 min Scan# 1358

Delta R.T. 0.000 min

Lab File: VY019660.D

Acq: 23 Sep 2024 11:51

Instrument :

MSVOA_Y

ClientSampleId :

VY0923SBS01

Tgt Ion: 43 Resp: 28027

Ion Ratio Lower Upper

43 100

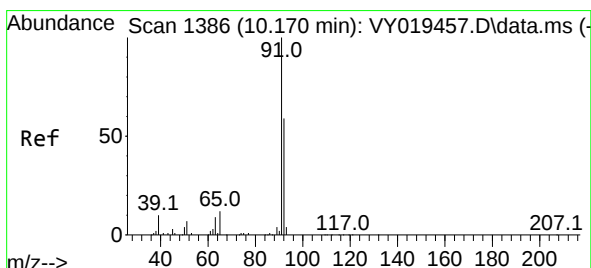
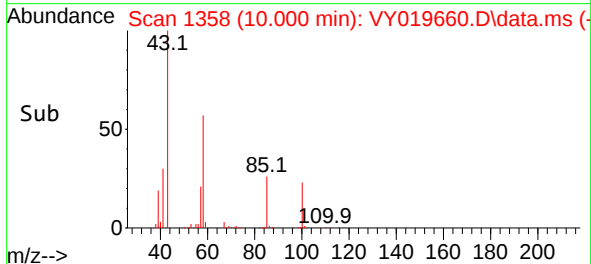
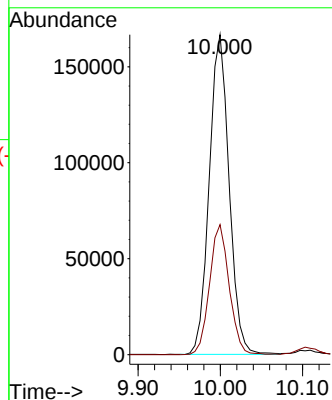
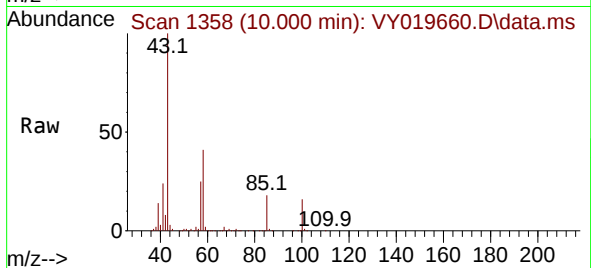
58 40.3 35.7 53.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/24/2024

Supervised By :Semsettin Yesilyurt 09/24/2024



#52

Toluene

Concen: 21.032 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. 0.000 min

Lab File: VY019660.D

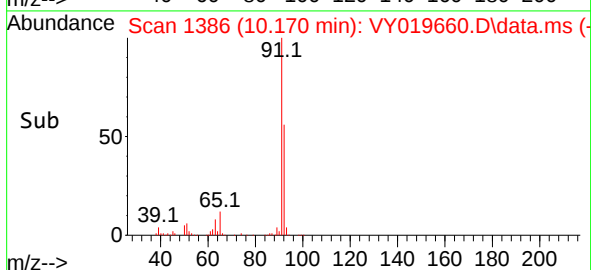
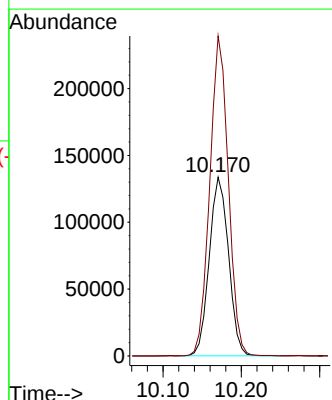
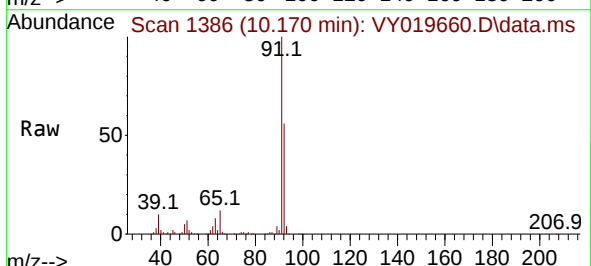
Acq: 23 Sep 2024 11:51

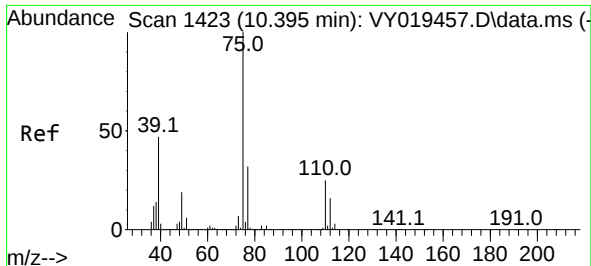
Tgt Ion: 92 Resp: 228109

Ion Ratio Lower Upper

92 100

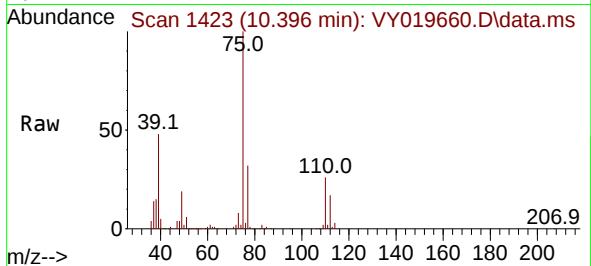
91 172.9 139.0 208.6





#53
t-1,3-Dichloropropene
Concen: 20.147 ug/l
RT: 10.396 min Scan# 1423
Delta R.T. 0.000 min
Lab File: VY019660.D
Acq: 23 Sep 2024 11:51

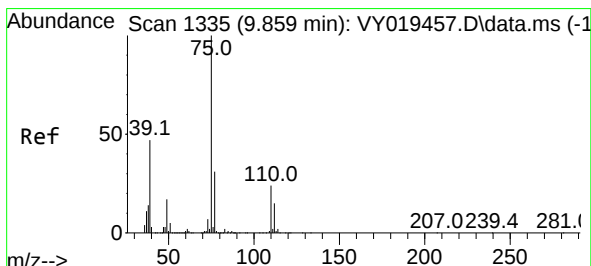
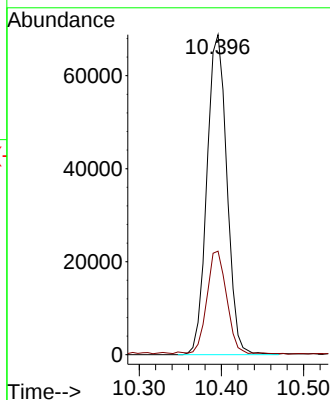
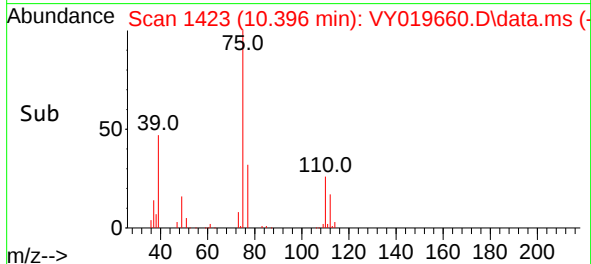
Instrument : MSVOA_Y
ClientSampleId : VY0923SBS01



Tgt Ion: 75 Resp: 11639
Ion Ratio Lower Upper
75 100
77 32.0 24.1 36.1

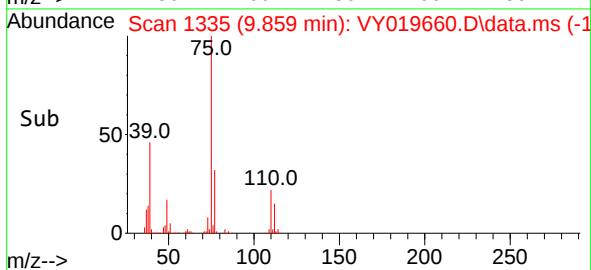
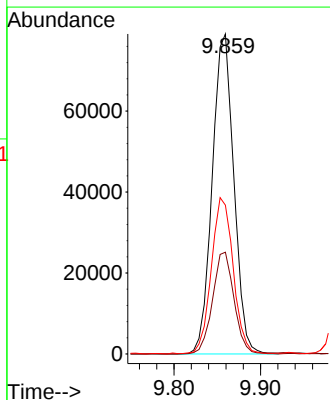
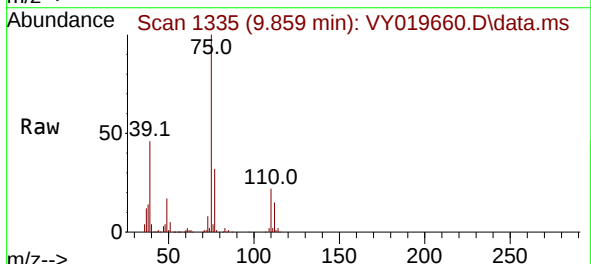
Manual Integrations
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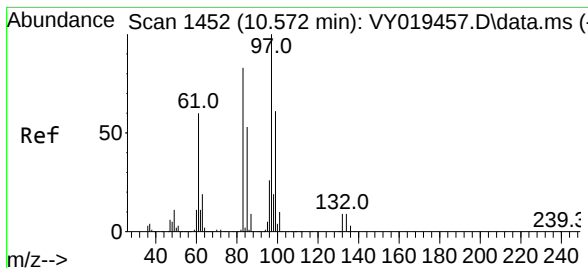
Reviewed By :Mahesh Dadoda 09/24/2024
Supervised By :Semsettin Yesilyurt 09/24/2024



#54
cis-1,3-Dichloropropene
Concen: 20.368 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. 0.000 min
Lab File: VY019660.D
Acq: 23 Sep 2024 11:51

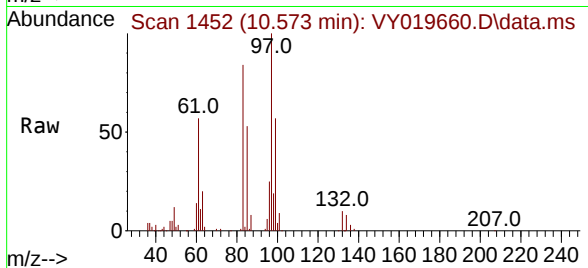
Tgt Ion: 75 Resp: 137013
Ion Ratio Lower Upper
75 100
77 31.8 25.4 38.0
39 46.4 29.8 44.6





#55
1,1,2-Trichloroethane
Concen: 20.934 ug/l
RT: 10.573 min Scan# 1452
Delta R.T. 0.000 min
Lab File: VY019660.D
Acq: 23 Sep 2024 11:51

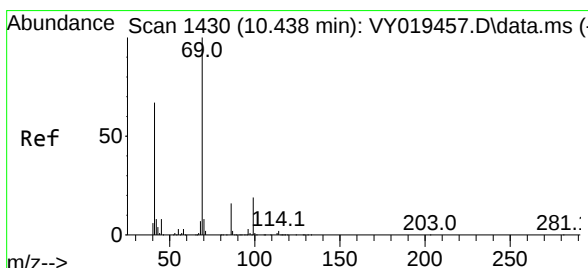
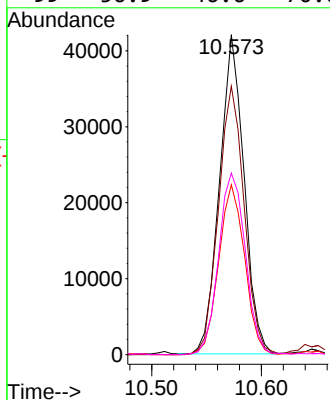
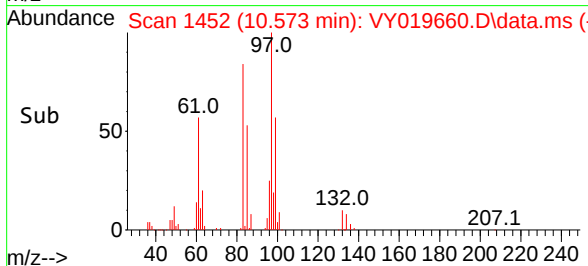
Instrument :
MSVOA_Y
ClientSampleId :
VY0923SBS01



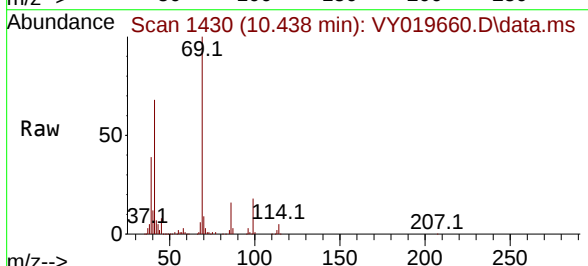
Tgt Ion: 97 Resp: 65174
Ion Ratio Lower Upper
97 100
83 84.1 67.5 101.3
85 53.2 42.9 64.3
99 56.9 46.6 70.0

Manual Integrations
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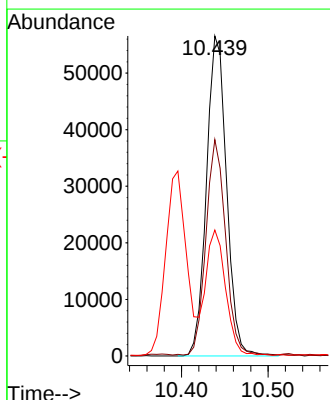
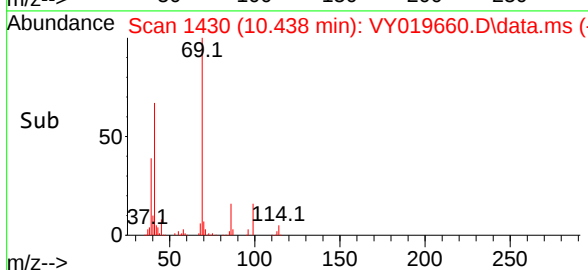
Reviewed By :Mahesh Dadoda 09/24/2024
Supervised By :Semsettin Yesilyurt 09/24/2024

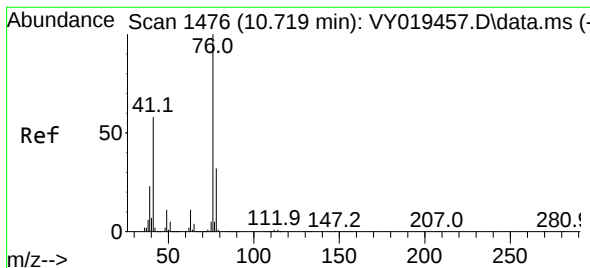


#56
Ethyl methacrylate
Concen: 19.310 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VY019660.D
Acq: 23 Sep 2024 11:51



Tgt Ion: 69 Resp: 91326
Ion Ratio Lower Upper
69 100
41 65.5 42.3 63.5#
39 37.9 22.9 34.3#





#57

1,3-Dichloropropane

Concen: 20.583 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VY019660.D

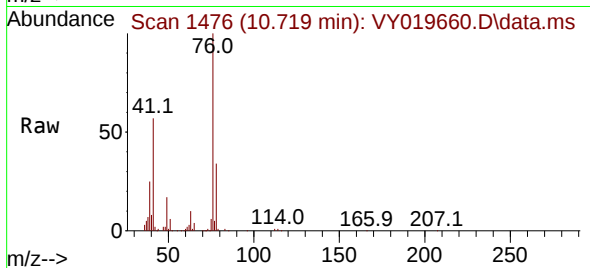
Acq: 23 Sep 2024 11:51

Instrument :

MSVOA_Y

ClientSampleId :

VY0923SBS01



Tgt Ion: 76 Resp: 11015

Ion Ratio Lower Upper

76 100

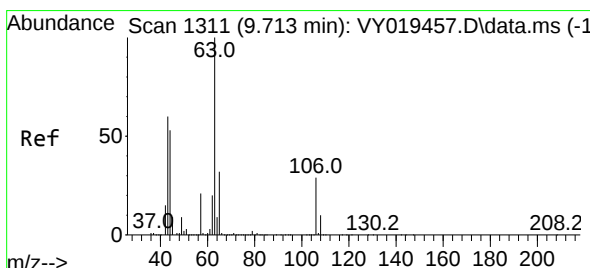
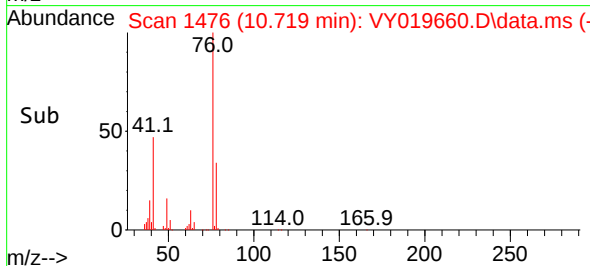
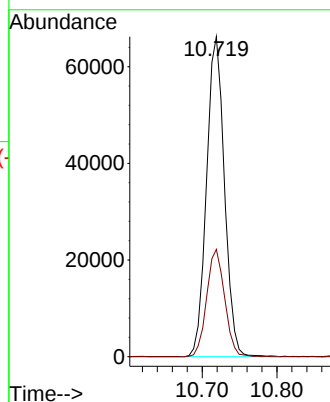
78 33.7 26.2 39.4

Manual Integrations

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Reviewed By :Mahesh Dadoda 09/24/2024

Supervised By :Semsettin Yesilyurt 09/24/2024



#58

2-Chloroethyl Vinyl ether

Concen: 90.740 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VY019660.D

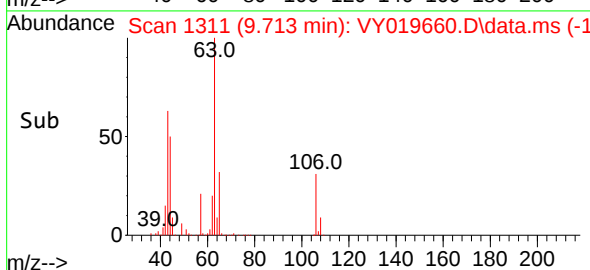
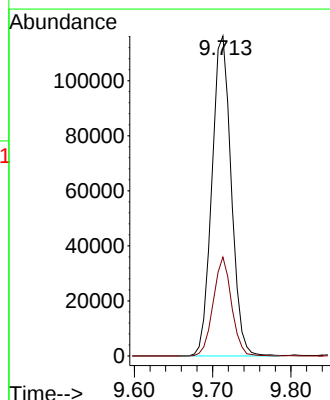
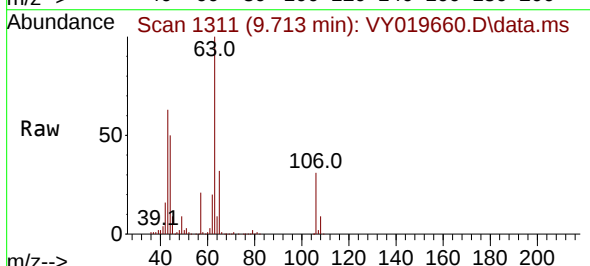
Acq: 23 Sep 2024 11:51

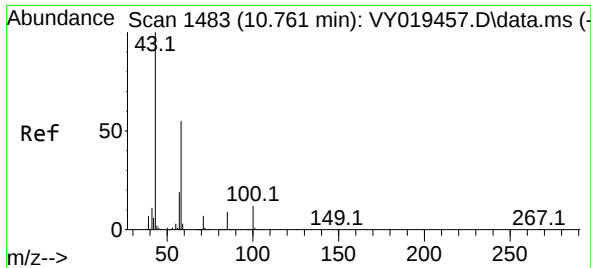
Tgt Ion: 63 Resp: 199180

Ion Ratio Lower Upper

63 100

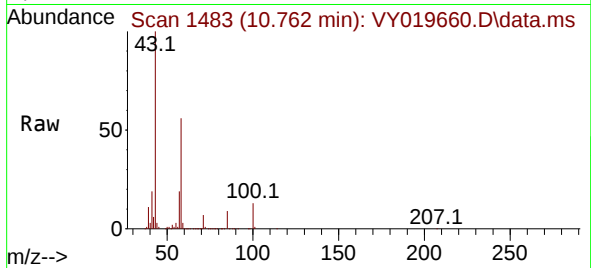
106 29.2 23.7 35.5





#59
2-Hexanone
Concen: 90.791 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY019660.D
Acq: 23 Sep 2024 11:51

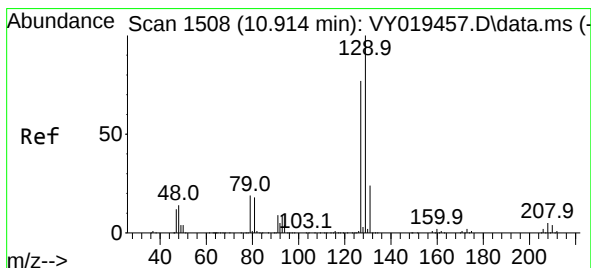
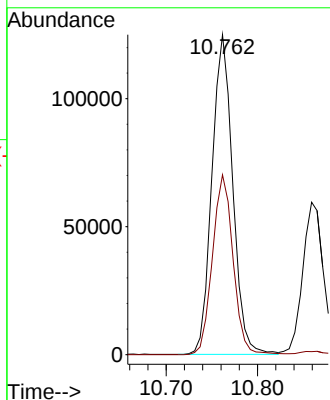
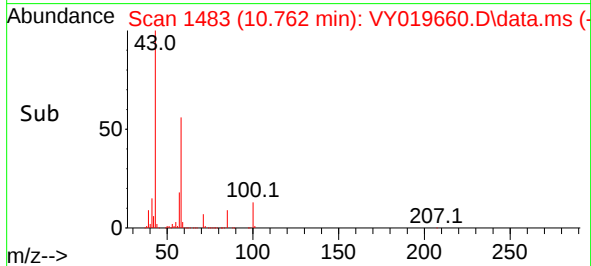
Instrument :
MSVOA_Y
ClientSampleId :
VY0923SBS01



Tgt Ion: 43 Resp: 197360
Ion Ratio Lower Upper
43 100
58 55.8 31.4 94.0

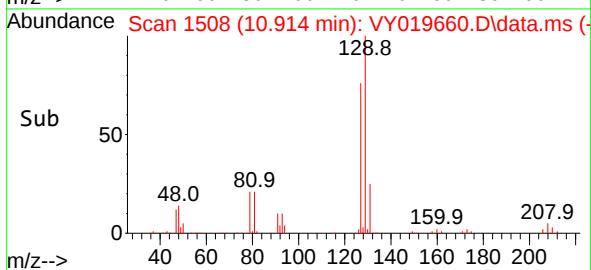
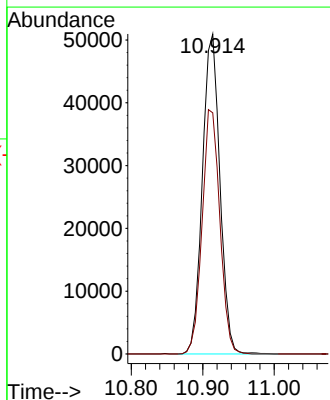
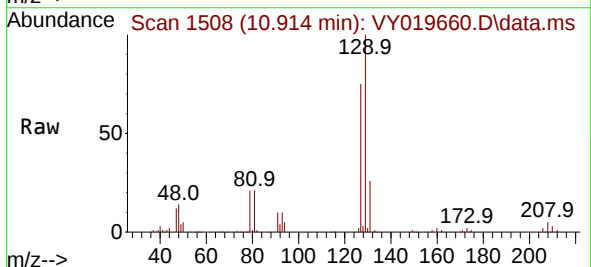
Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 09/24/2024
Supervised By :Semsettin Yesilyurt 09/24/2024



#60
Dibromochloromethane
Concen: 21.051 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.000 min
Lab File: VY019660.D
Acq: 23 Sep 2024 11:51

Tgt Ion:129 Resp: 86696
Ion Ratio Lower Upper
129 100
127 77.2 39.0 117.0





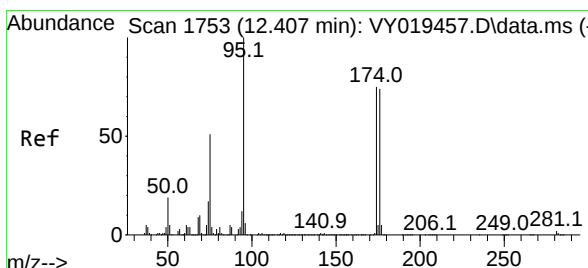
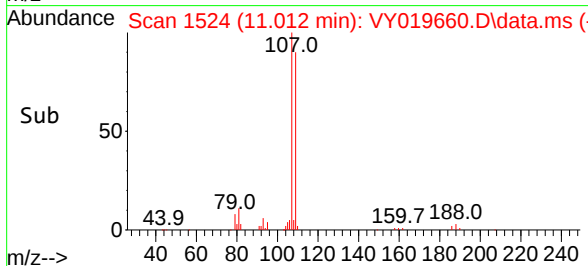
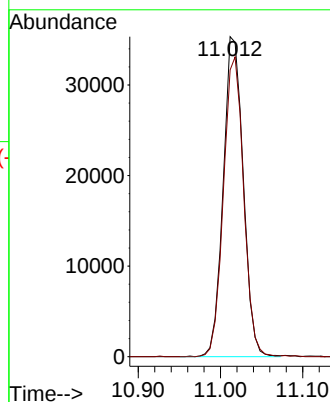
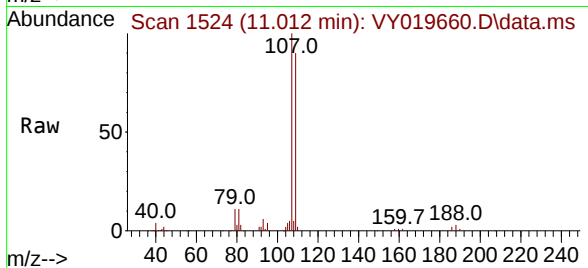
#61
1,2-Dibromoethane
Concen: 20.646 ug/l
RT: 11.012 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY019660.D
Acq: 23 Sep 2024 11:51

Instrument :
MSVOA_Y
ClientSampleId :
VY0923SBS01

Tgt Ion:107 Resp: 59892
Ion Ratio Lower Upper
107 100
109 94.4 75.9 113.9

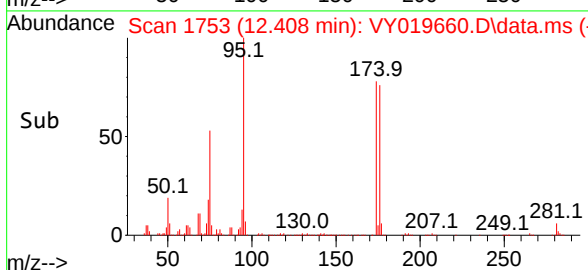
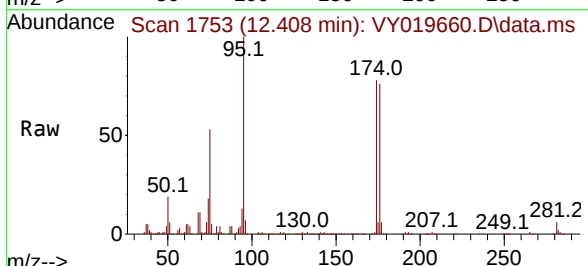
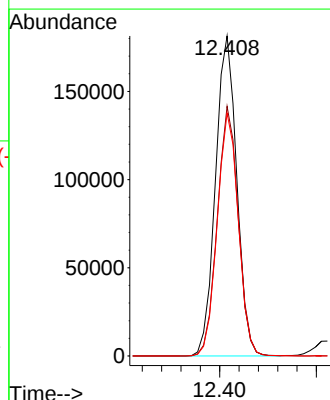
Manual Integrations
APPROVED

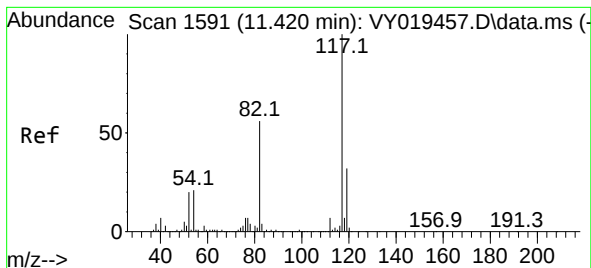
Reviewed By :Mahesh Dadoda 09/24/2024
Supervised By :Semsettin Yesilyurt 09/24/2024



#62
4-Bromofluorobenzene
Concen: 48.374 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY019660.D
Acq: 23 Sep 2024 11:51

Tgt Ion: 95 Resp: 276817
Ion Ratio Lower Upper
95 100
174 76.9 0.0 175.6
176 75.0 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY019660.D

Acq: 23 Sep 2024 11:51

Instrument :

MSVOA_Y

ClientSampleId :

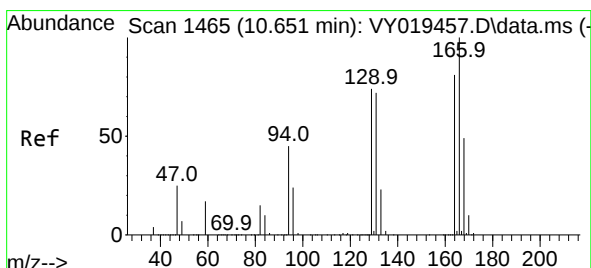
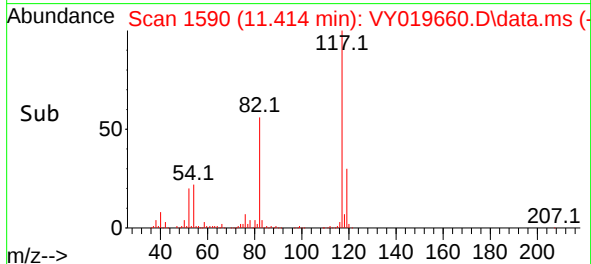
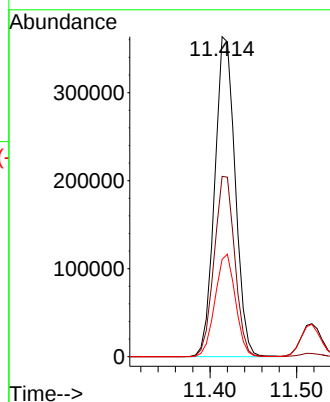
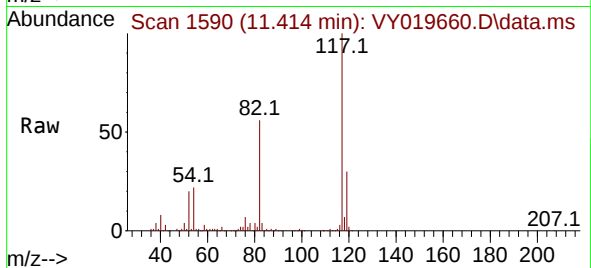
VY0923SBS01

Tgt Ion:117	Resp: 59634
Ion Ratio	Lower Upper
117 100	
82 56.4	42.4 63.6
119 30.4	25.9 38.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/24/2024
Supervised By :Semsettin Yesilyurt 09/24/2024



#64

Tetrachloroethene

Concen: 21.307 ug/l

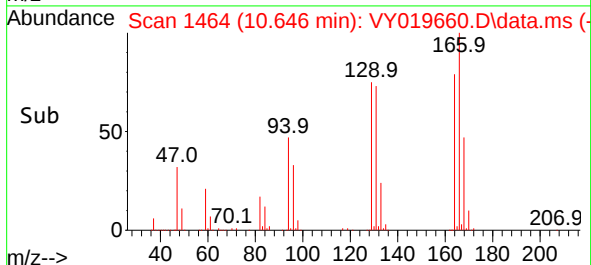
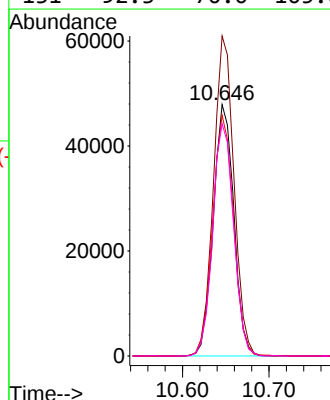
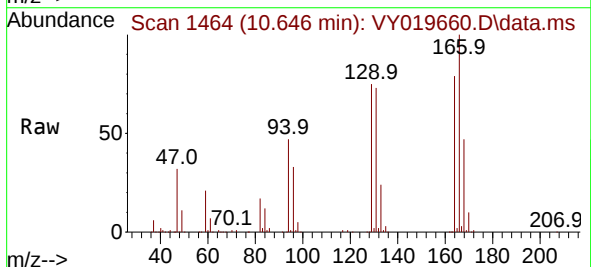
RT: 10.646 min Scan# 1464

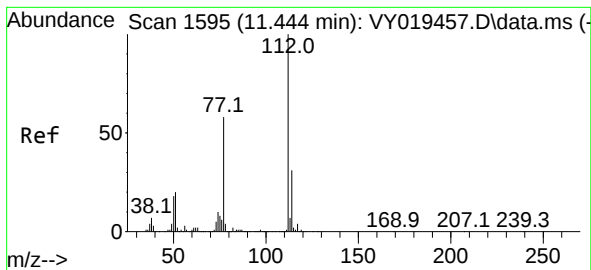
Delta R.T. -0.006 min

Lab File: VY019660.D

Acq: 23 Sep 2024 11:51

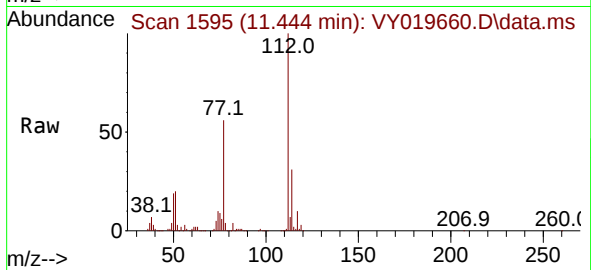
Tgt Ion:164	Resp: 78685
Ion Ratio	Lower Upper
164 100	
166 127.3	102.6 154.0
129 95.7	72.0 108.0
131 92.3	70.0 105.0





#65
Chlorobenzene
Concen: 21.814 ug/l
RT: 11.444 min Scan# 1595
Delta R.T. 0.000 min
Lab File: VY019660.D
Acq: 23 Sep 2024 11:51

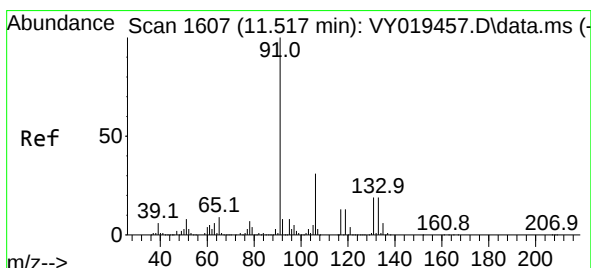
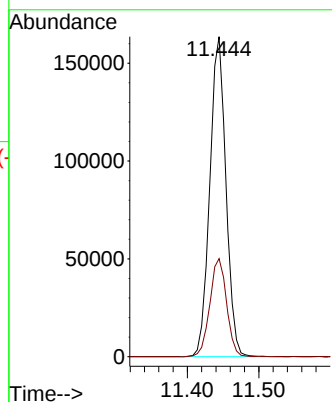
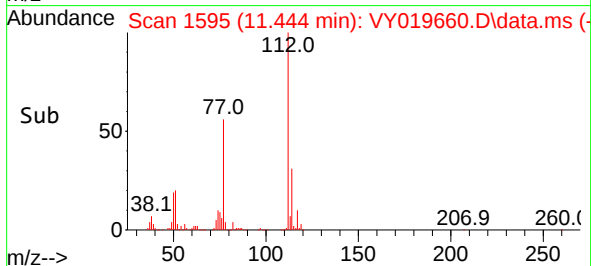
Instrument :
MSVOA_Y
ClientSampleId :
VY0923SBS01



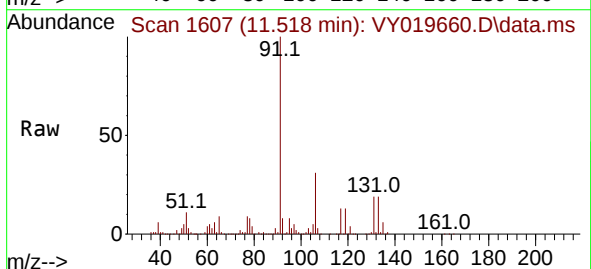
Tgt Ion:112 Resp: 255892
Ion Ratio Lower Upper
112 100
114 30.6 26.4 39.6

Manual Integrations
APPROVED

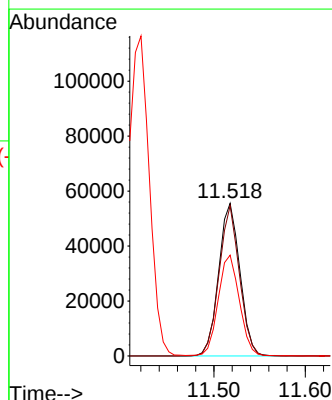
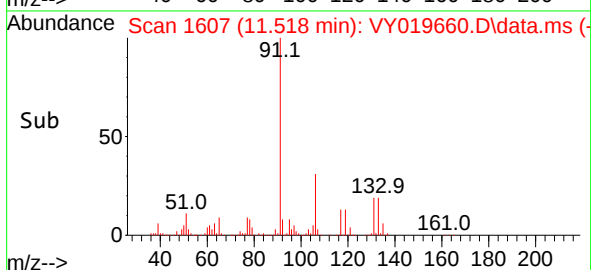
Reviewed By :Mahesh Dadoda 09/24/2024
Supervised By :Semsettin Yesilyurt 09/24/2024

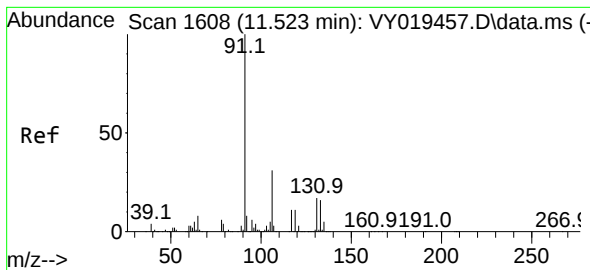


#66
1,1,1,2-Tetrachloroethane
Concen: 22.053 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY019660.D
Acq: 23 Sep 2024 11:51



Tgt Ion:131 Resp: 89568
Ion Ratio Lower Upper
131 100
133 94.7 47.8 143.3
119 65.8 34.1 102.2





#67

Ethyl Benzene

Concen: 21.836 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. -0.006 min

Lab File: VY019660.D

Acq: 23 Sep 2024 11:51

Instrument :

MSVOA_Y

ClientSampleId :

VY0923SBS01

Tgt Ion: 91 Resp: 455129

Ion Ratio Lower Upper

91 100

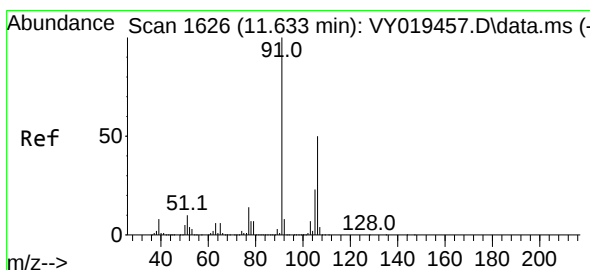
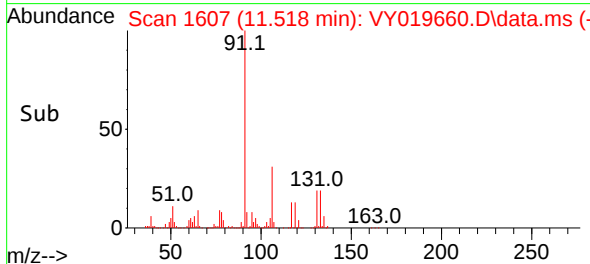
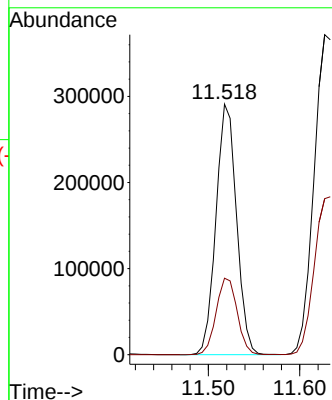
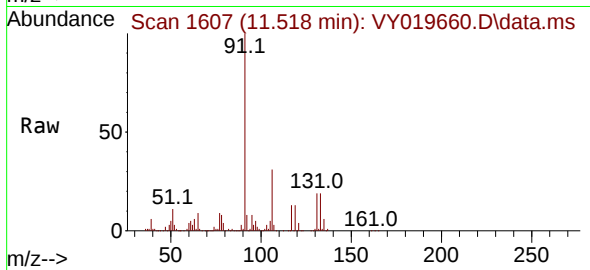
106 30.5 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/24/2024

Supervised By :Semsettin Yesilyurt 09/24/2024



#68

m/p-Xylenes

Concen: 43.772 ug/l

RT: 11.633 min Scan# 1626

Delta R.T. 0.000 min

Lab File: VY019660.D

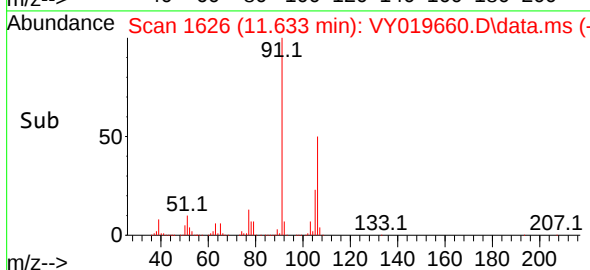
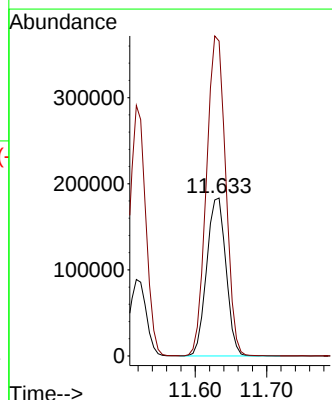
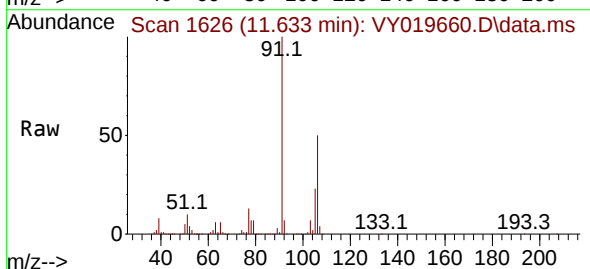
Acq: 23 Sep 2024 11:51

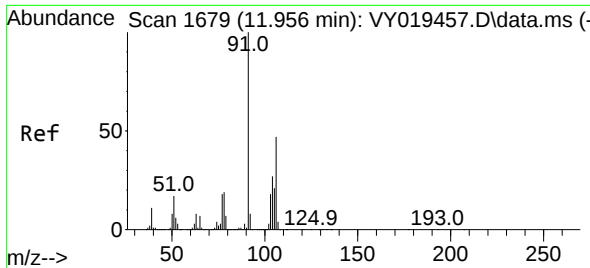
Tgt Ion:106 Resp: 344974

Ion Ratio Lower Upper

106 100

91 201.6 156.0 234.0





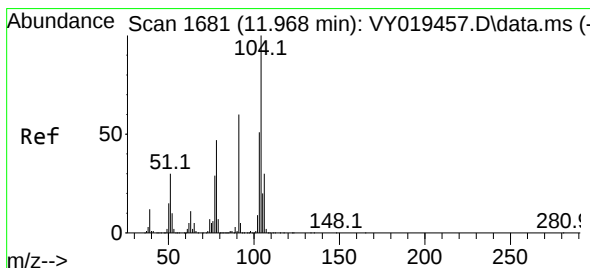
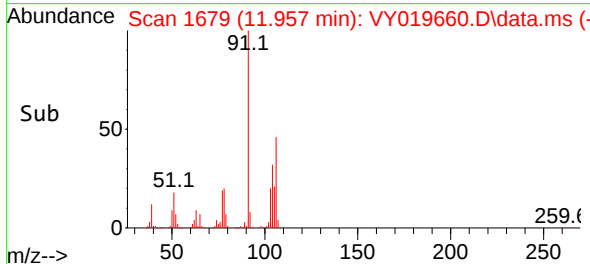
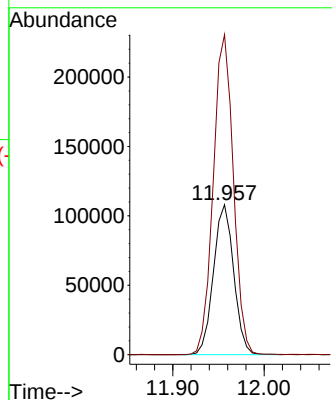
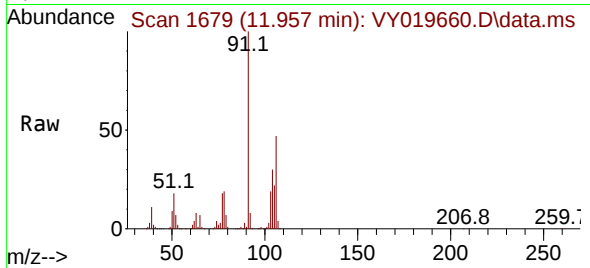
#69
o-Xylene
Concen: 21.548 ug/l
RT: 11.957 min Scan# 1679
Delta R.T. 0.000 min
Lab File: VY019660.D
Acq: 23 Sep 2024 11:51

Instrument :
MSVOA_Y
ClientSampleId :
VY0923SBS01

Tgt Ion:106 Resp: 166080
Ion Ratio Lower Upper
106 100
91 212.4 103.6 310.8

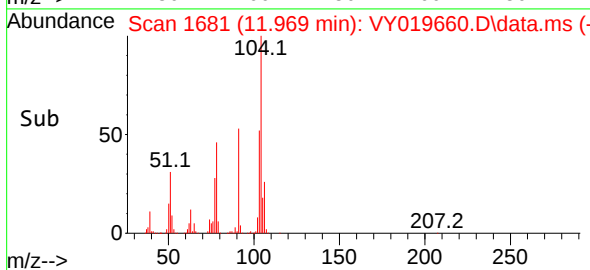
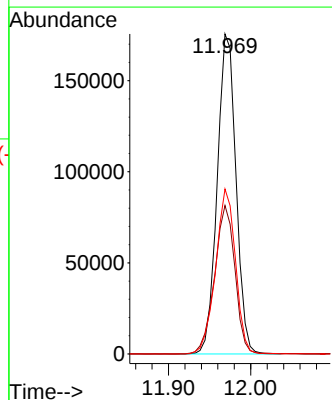
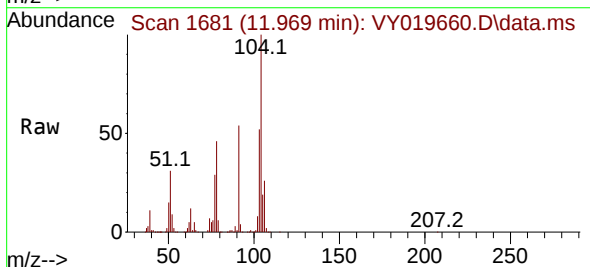
Manual Integrations
APPROVED

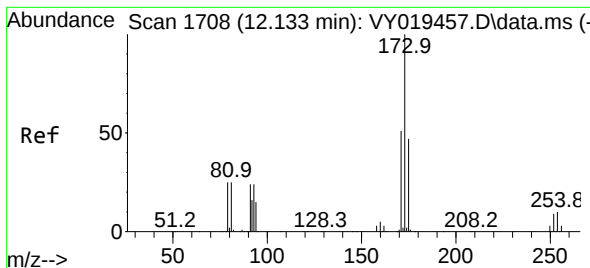
Reviewed By :Mahesh Dadoda 09/24/2024
Supervised By :Semsettin Yesilyurt 09/24/2024



#70
Styrene
Concen: 21.421 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VY019660.D
Acq: 23 Sep 2024 11:51

Tgt Ion:104 Resp: 278752
Ion Ratio Lower Upper
104 100
78 50.4 37.0 55.4
103 54.6 44.2 66.2





#71

Bromoform

Concen: 20.798 ug/l

RT: 12.133 min Scan# 1708

Delta R.T. 0.000 min

Lab File: VY019660.D

Acq: 23 Sep 2024 11:51

Instrument :

MSVOA_Y

ClientSampleId :

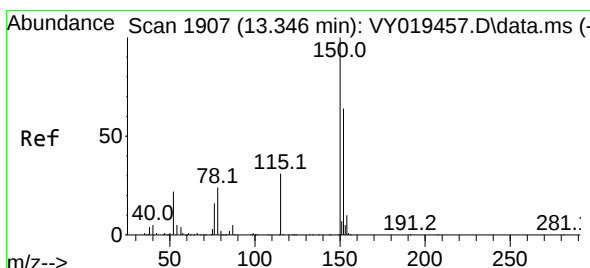
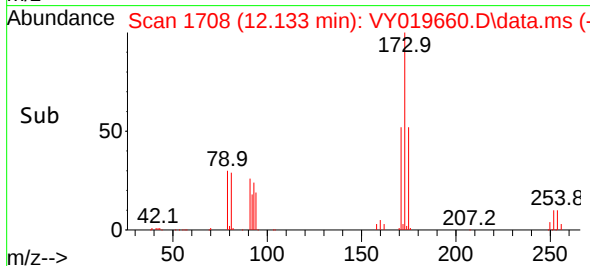
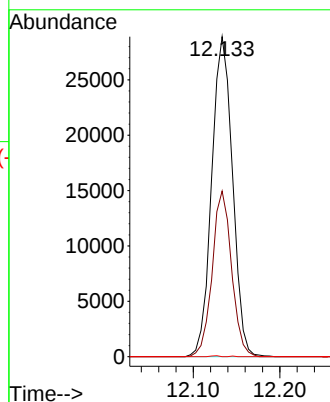
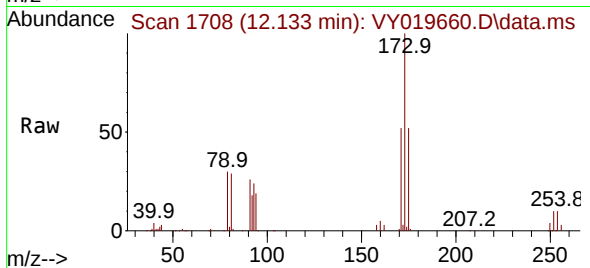
VY0923SBS01

Tgt Ion:	173	Resp:	48240
Ion Ratio	Lower	Upper	
173	100		
175	48.2	25.1	75.3
254	0.1	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/24/2024
Supervised By :Semsettin Yesilyurt 09/24/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

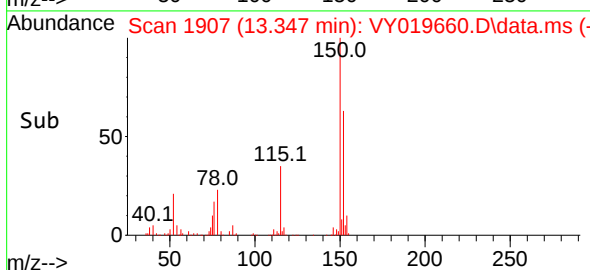
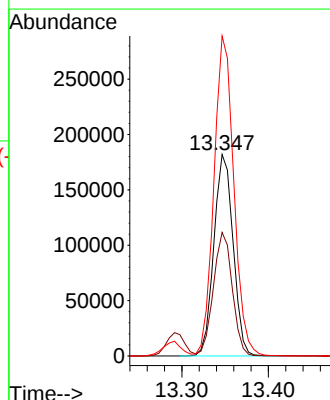
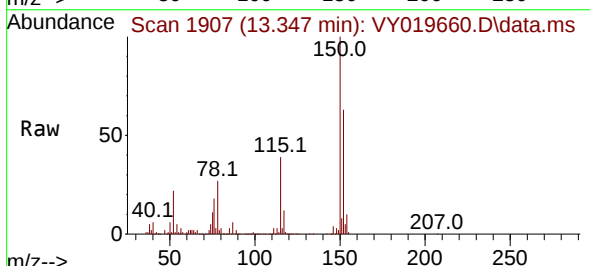
RT: 13.347 min Scan# 1907

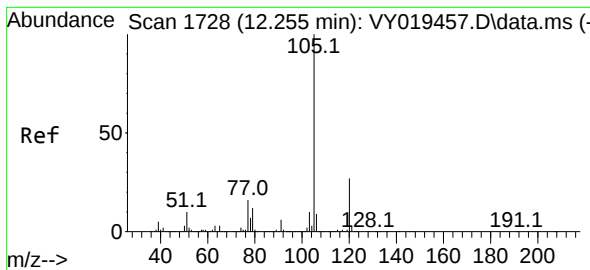
Delta R.T. 0.000 min

Lab File: VY019660.D

Acq: 23 Sep 2024 11:51

Tgt Ion:	152	Resp:	280564
Ion Ratio	Lower	Upper	
152	100		
115	60.4	28.2	84.7
150	163.9	0.0	345.6





#73

Isopropylbenzene

Concen: 22.093 ug/l

RT: 12.255 min Scan# 1728

Delta R.T. 0.000 min

Lab File: VY019660.D

Acq: 23 Sep 2024 11:51

Instrument :

MSVOA_Y

ClientSampleId :

VY0923SBS01

Tgt Ion:105 Resp: 449685

Ion Ratio Lower Upper

105 100

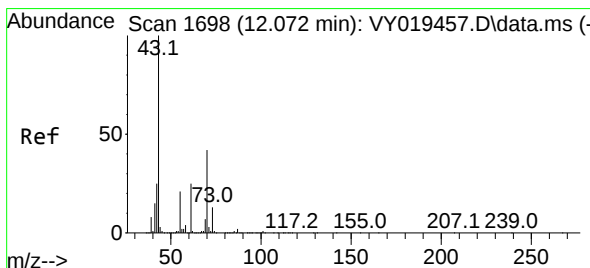
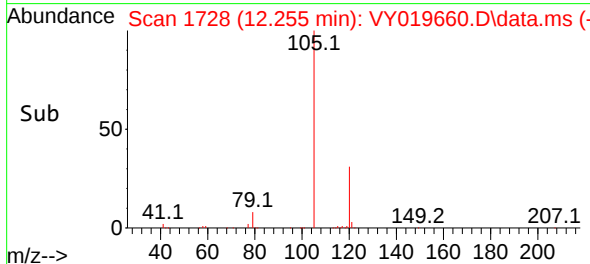
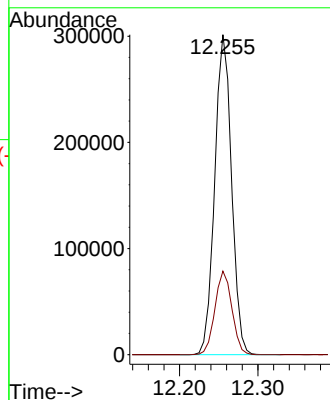
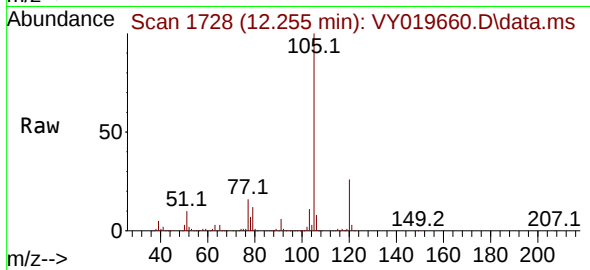
120 26.3 13.4 40.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/24/2024

Supervised By :Semsettin Yesilyurt 09/24/2024



#74

N-ethyl acetate

Concen: 18.572 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.000 min

Lab File: VY019660.D

Acq: 23 Sep 2024 11:51

Tgt Ion: 43 Resp: 102806

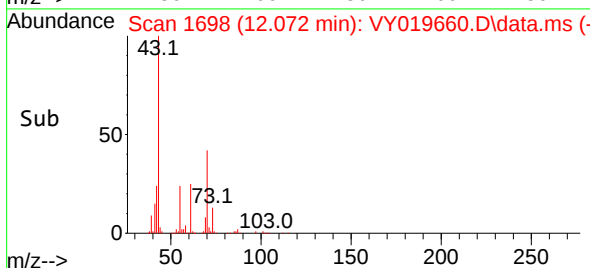
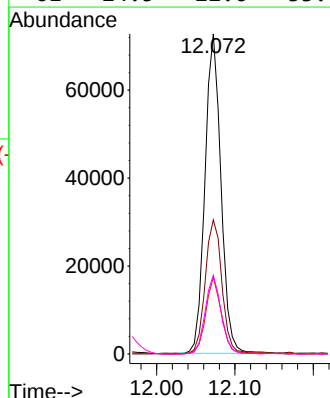
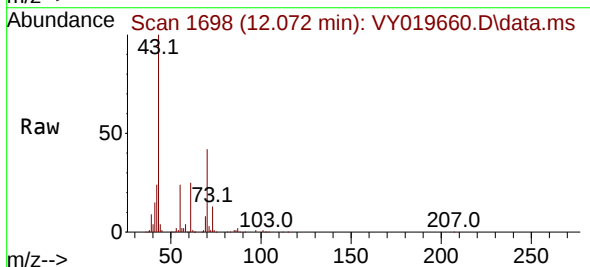
Ion Ratio Lower Upper

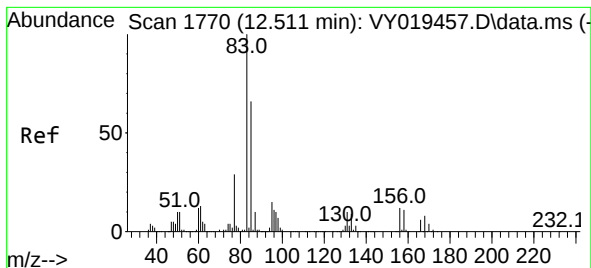
43 100

70 43.9 41.4 62.2

55 23.5 23.3 34.9

61 24.5 22.6 33.8





#75

1,1,2,2-Tetrachloroethane

Concen: 20.883 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. -0.006 min

Lab File: VY019660.D

Acq: 23 Sep 2024 11:51

Instrument :

MSVOA_Y

ClientSampleId :

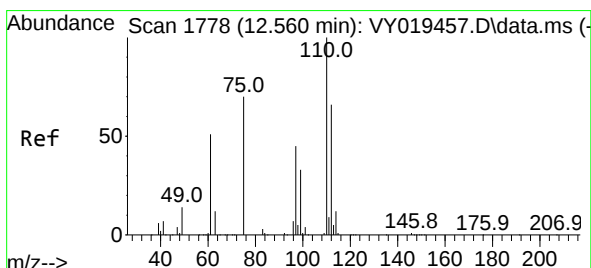
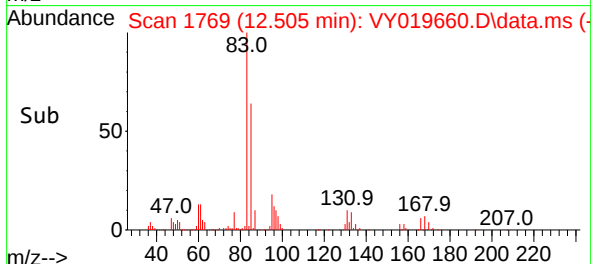
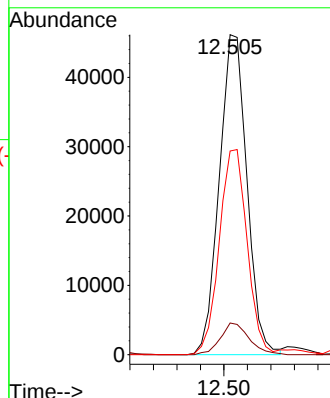
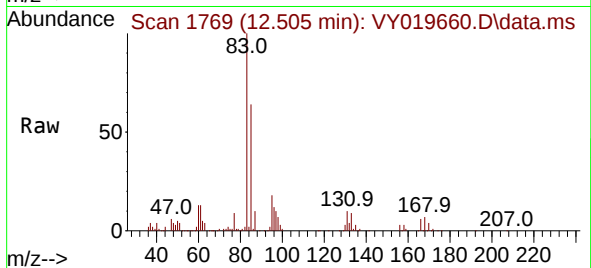
VY0923SBS01

Tgt Ion: 83	Resp: 7544
Ion Ratio	Lower Upper
83	100
131	10.3 5.0 14.9
85	65.1 32.0 96.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/24/2024
Supervised By :Semsettin Yesilyurt 09/24/2024



#76

1,2,3-Trichloropropane

Concen: 21.110 ug/l m

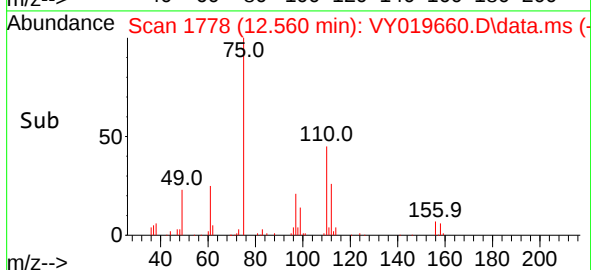
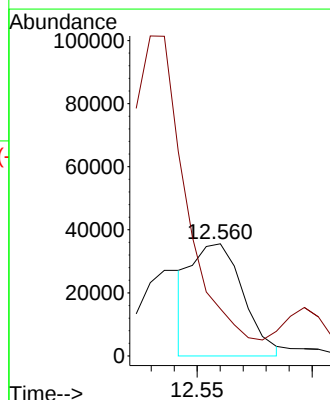
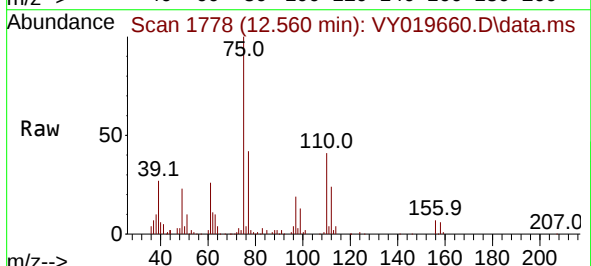
RT: 12.560 min Scan# 1778

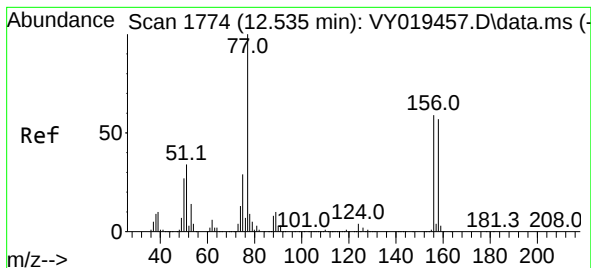
Delta R.T. 0.000 min

Lab File: VY019660.D

Acq: 23 Sep 2024 11:51

Tgt Ion: 75	Resp: 55512
Ion Ratio	Lower Upper
75	100
77	0.0 0.0 0.0





#77

Bromobenzene

Concen: 21.615 ug/l

RT: 12.536 min Scan# 1774

Delta R.T. 0.000 min

Lab File: VY019660.D

Acq: 23 Sep 2024 11:51

Instrument :

MSVOA_Y

ClientSampleId :

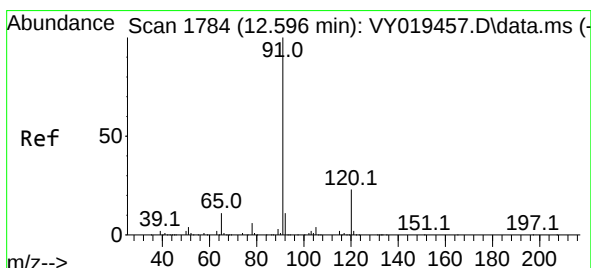
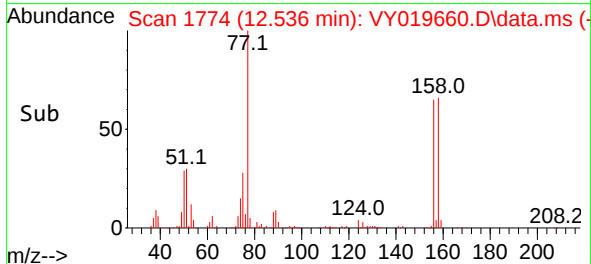
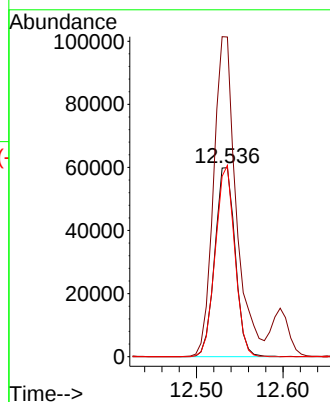
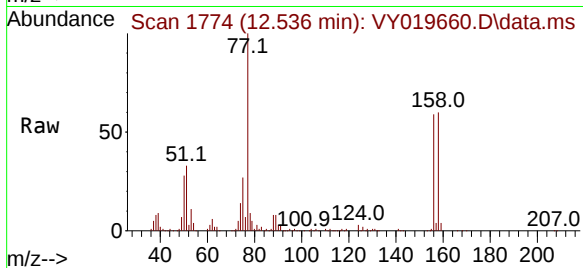
VY0923SBS01

Tgt Ion:	156	Resp:	9757
Ion Ratio	Lower	Upper	
156	100		
77	188.6	87.1	261.3
158	97.1	48.6	145.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/24/2024
Supervised By :Semsettin Yesilyurt 09/24/2024



#78

n-propylbenzene

Concen: 22.122 ug/l

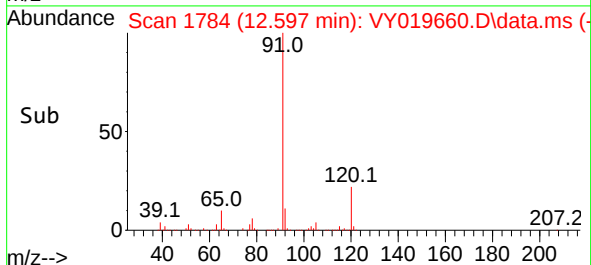
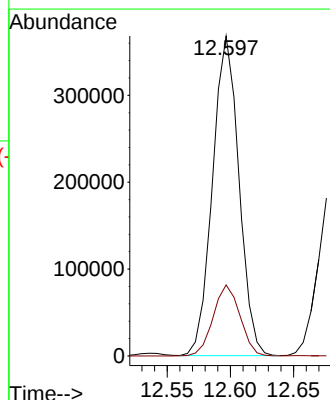
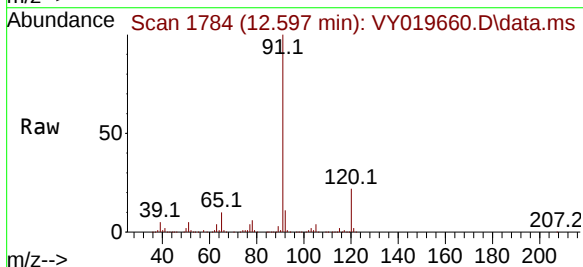
RT: 12.597 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VY019660.D

Acq: 23 Sep 2024 11:51

Tgt Ion:	91	Resp:	533703
Ion Ratio	Lower	Upper	
91	100		
120	22.5	11.5	34.4





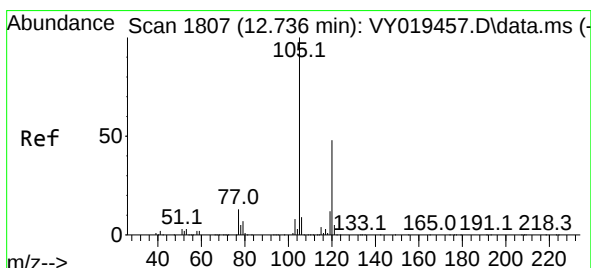
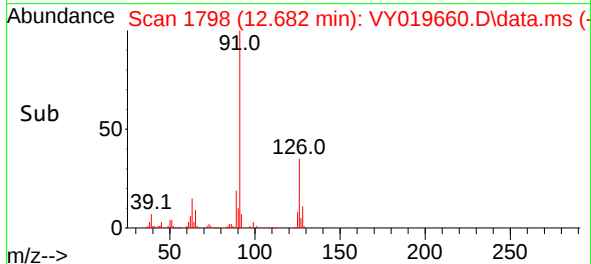
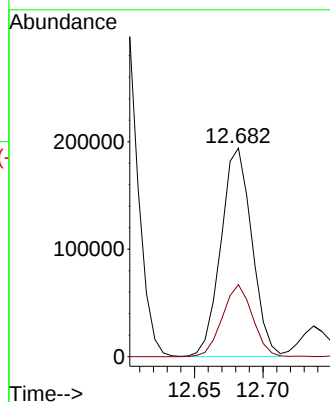
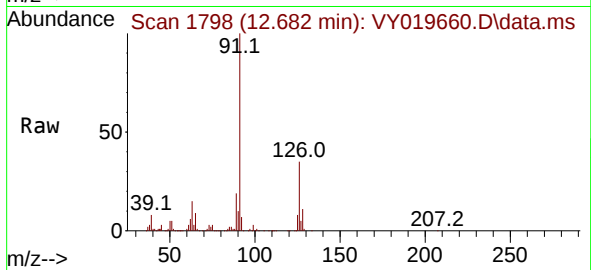
#79
2-Chlorotoluene
Concen: 21.702 ug/l
RT: 12.682 min Scan# 1798
Delta R.T. 0.000 min
Lab File: VY019660.D
Acq: 23 Sep 2024 11:51

Instrument :
MSVOA_Y
ClientSampleId :
VY0923SBS01

Tgt Ion: 91 Resp: 305117
Ion Ratio Lower Upper
91 100
126 33.7 17.8 53.5

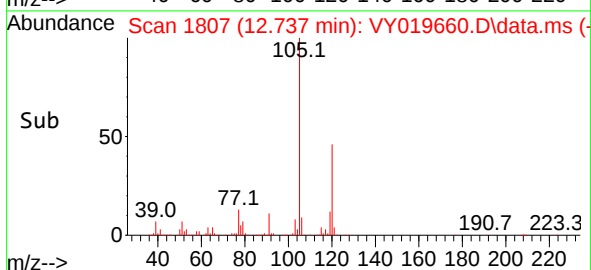
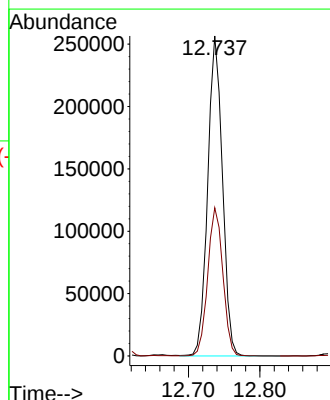
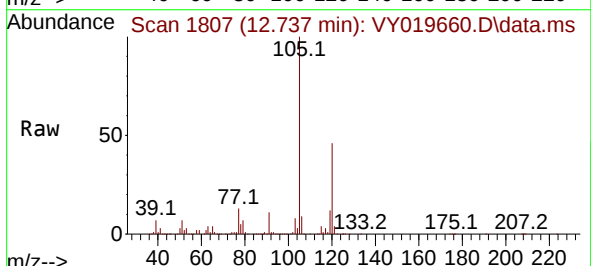
Manual Integrations
APPROVED

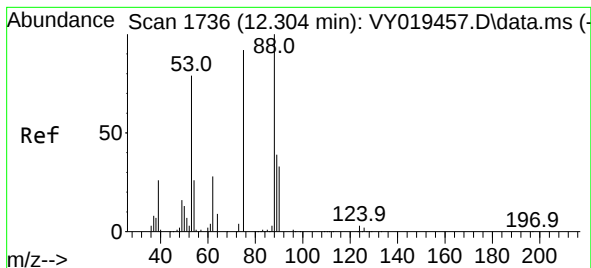
Reviewed By :Mahesh Dadoda 09/24/2024
Supervised By :Semsettin Yesilyurt 09/24/2024



#80
1,3,5-Trimethylbenzene
Concen: 22.140 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY019660.D
Acq: 23 Sep 2024 11:51

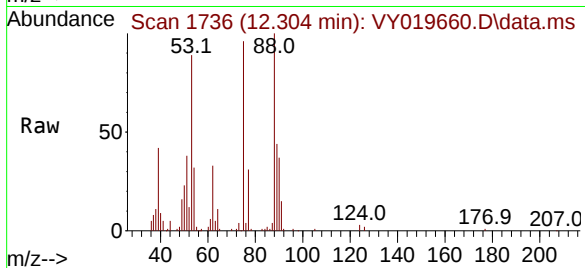
Tgt Ion:105 Resp: 366351
Ion Ratio Lower Upper
105 100
120 47.7 25.1 75.2





#81
trans-1,4-Dichloro-2-butene
Concen: 18.316 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY019660.D
Acq: 23 Sep 2024 11:51

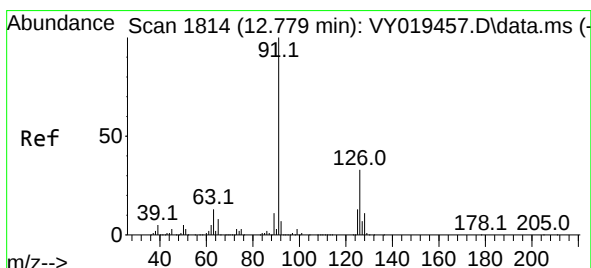
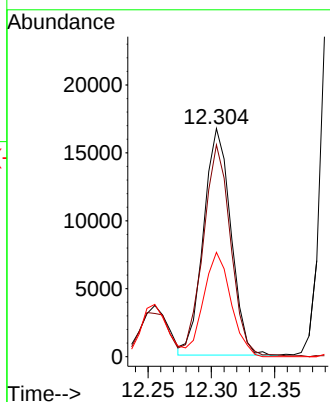
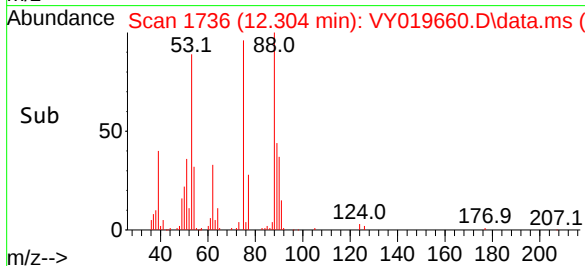
Instrument :
MSVOA_Y
ClientSampleId :
VY0923SBS01



Tgt Ion: 75 Resp: 25090
Ion Ratio Lower Upper
75 100
53 94.6 66.8 100.2
89 45.8 35.8 53.6

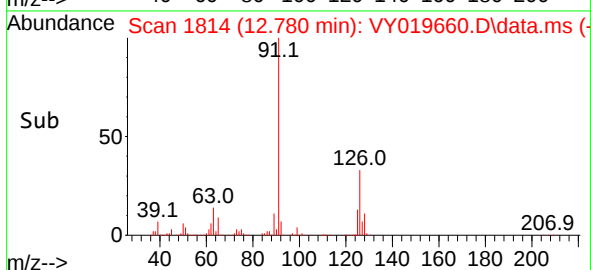
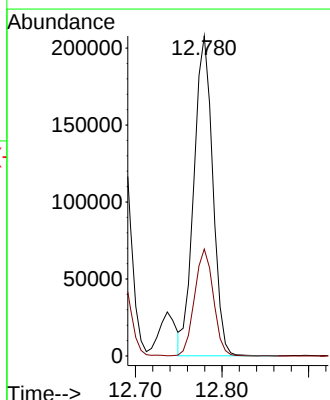
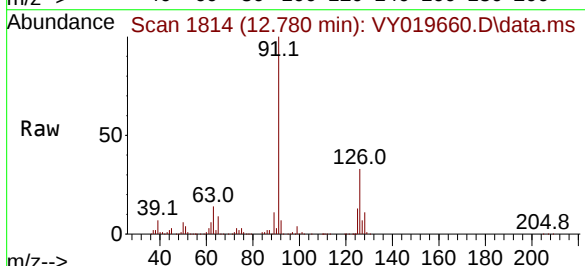
Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 09/24/2024
Supervised By :Semsettin Yesilyurt 09/24/2024



#82
4-Chlorotoluene
Concen: 21.695 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY019660.D
Acq: 23 Sep 2024 11:51

Tgt Ion: 91 Resp: 313589
Ion Ratio Lower Upper
91 100
126 33.4 17.6 52.9





#83

tert-Butylbenzene

Concen: 22.502 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.000 min

Lab File: VY019660.D

Acq: 23 Sep 2024 11:51

Instrument :

MSVOA_Y

ClientSampleId :

VY0923SBS01

Tgt Ion:119 Resp: 337070

Ion Ratio Lower Upper

119 100

91 66.4 31.3 93.8

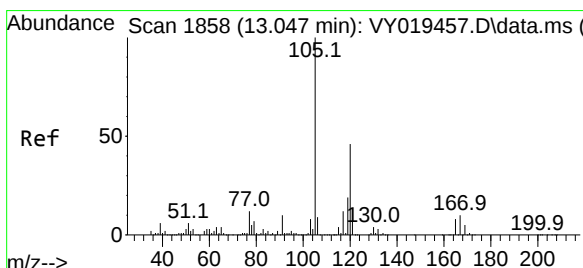
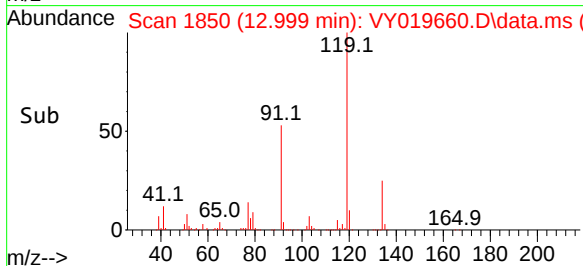
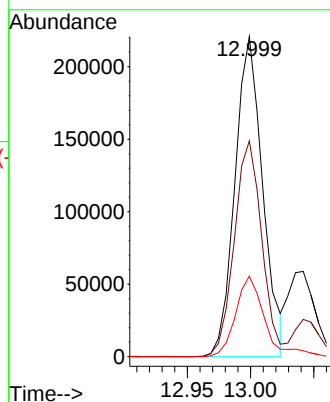
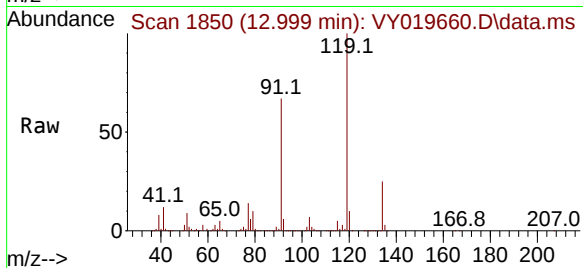
134 26.3 13.4 40.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/24/2024

Supervised By :Semsettin Yesilyurt 09/24/2024



#84

1,2,4-Trimethylbenzene

Concen: 21.728 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. -0.006 min

Lab File: VY019660.D

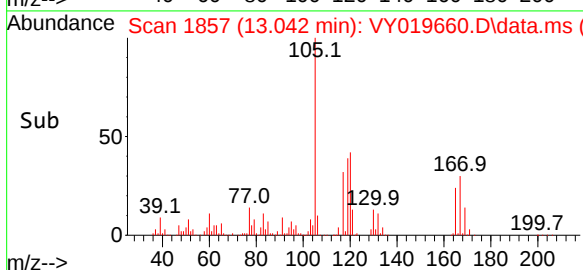
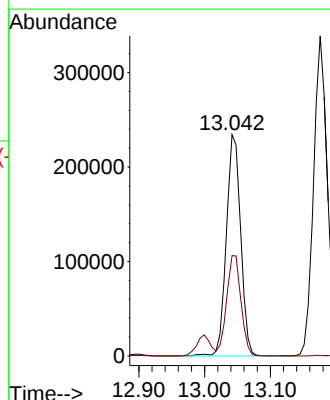
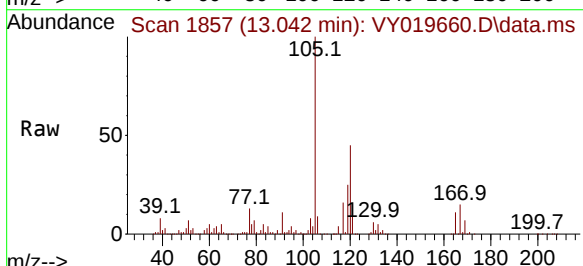
Acq: 23 Sep 2024 11:51

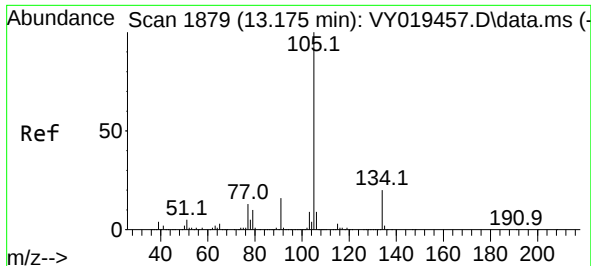
Tgt Ion:105 Resp: 355883

Ion Ratio Lower Upper

105 100

120 45.4 23.2 69.6





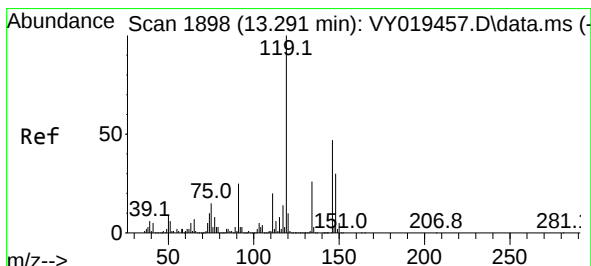
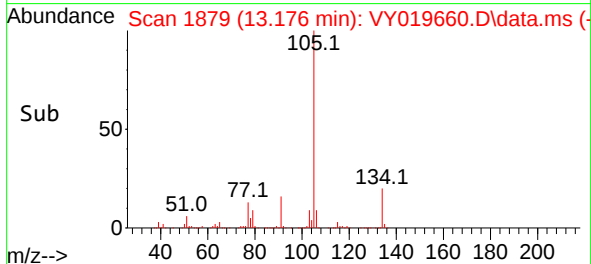
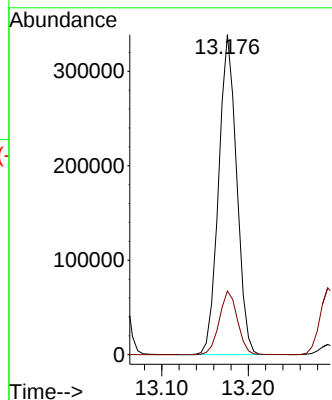
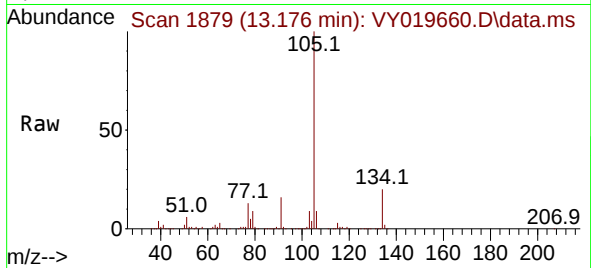
#85
 sec-Butylbenzene
 Concen: 22.510 ug/l
 RT: 13.176 min Scan# 1879
 Delta R.T. 0.000 min
 Lab File: VY019660.D
 Acq: 23 Sep 2024 11:51

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0923SBS01

Tgt Ion:105 Resp: 489850
 Ion Ratio Lower Upper
 105 100
 134 20.0 10.1 30.1

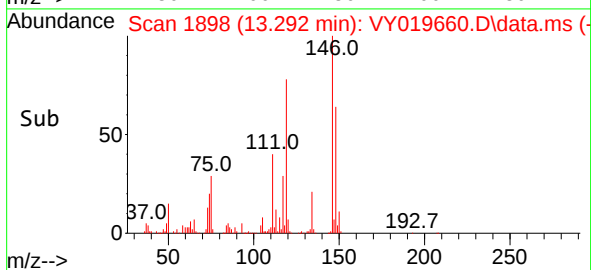
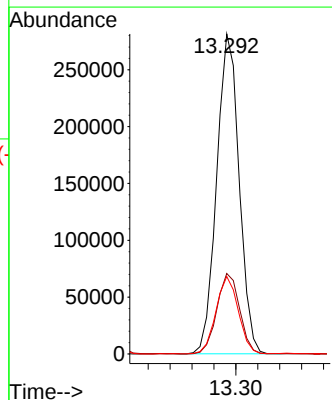
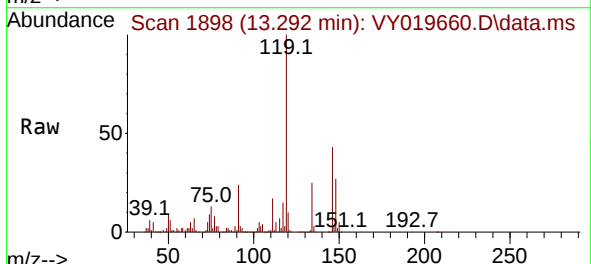
Manual Integrations
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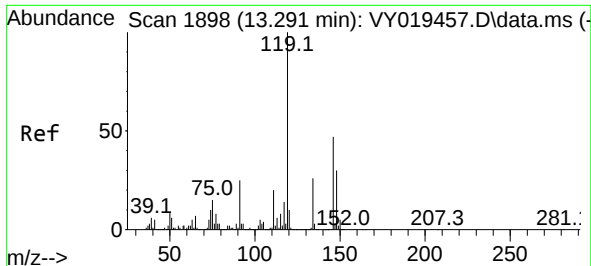
Reviewed By :Mahesh Dadoda 09/24/2024
 Supervised By :Semsettin Yesilyurt 09/24/2024



#86
 p-Isopropyltoluene
 Concen: 22.500 ug/l
 RT: 13.292 min Scan# 1898
 Delta R.T. 0.000 min
 Lab File: VY019660.D
 Acq: 23 Sep 2024 11:51

Tgt Ion:119 Resp: 400606
 Ion Ratio Lower Upper
 119 100
 134 25.5 13.1 39.3
 91 24.0 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 21.980 ug/l

RT: 13.286 min Scan# 1898

Delta R.T. -0.006 min

Lab File: VY019660.D

Acq: 23 Sep 2024 11:51

Instrument :

MSVOA_Y

ClientSampleId :

VY0923SBS01

Tgt Ion:146 Resp: 192802

Ion Ratio Lower Upper

146 100

111 40.9 19.0 57.0

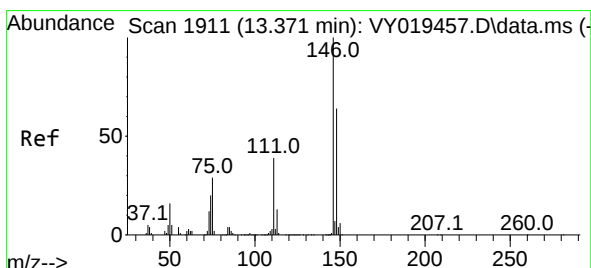
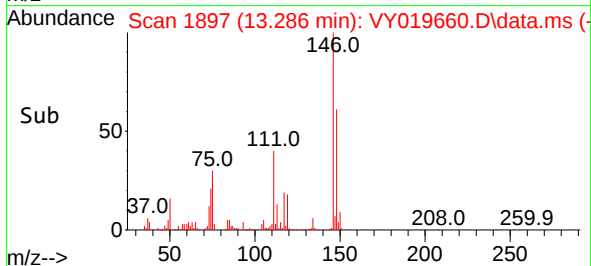
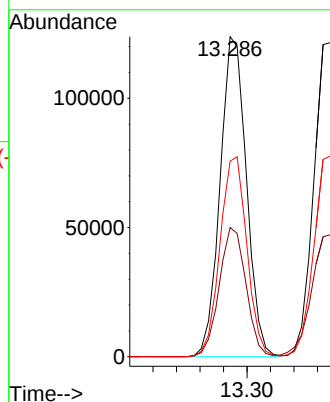
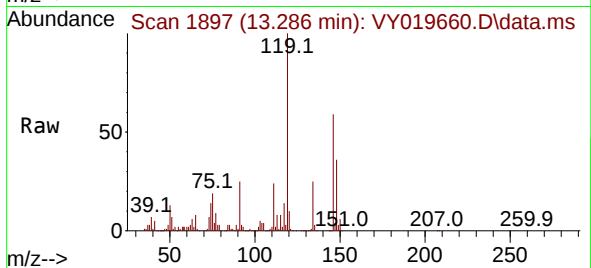
148 63.7 31.7 95.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/24/2024

Supervised By :Semsettin Yesilyurt 09/24/2024



#88

1,4-Dichlorobenzene

Concen: 21.800 ug/l

RT: 13.371 min Scan# 1911

Delta R.T. 0.000 min

Lab File: VY019660.D

Acq: 23 Sep 2024 11:51

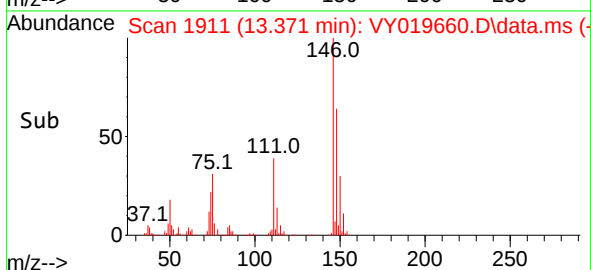
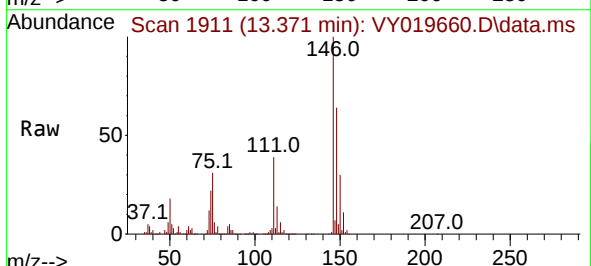
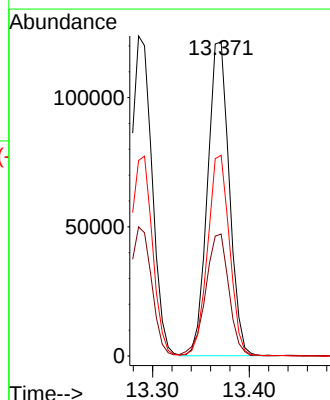
Tgt Ion:146 Resp: 189779

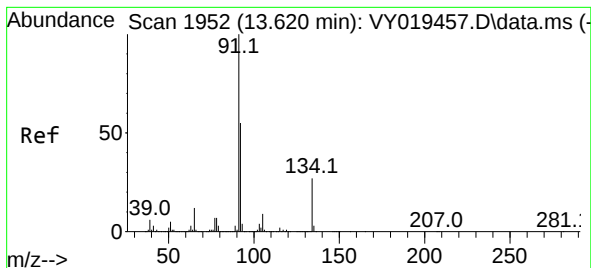
Ion Ratio Lower Upper

146 100

111 41.5 18.4 55.4

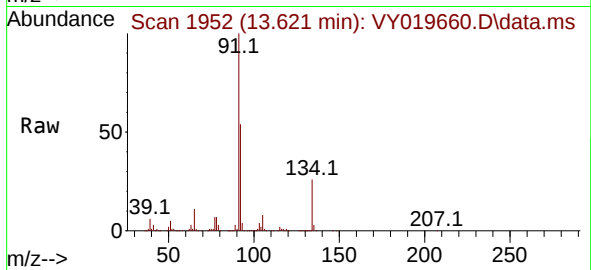
148 64.3 32.4 97.2





#89
n-Butylbenzene
Concen: 22.326 ug/l
RT: 13.621 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VY019660.D
Acq: 23 Sep 2024 11:51

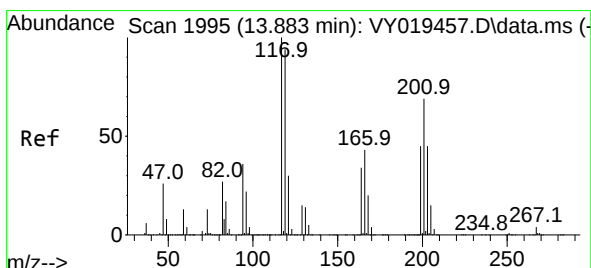
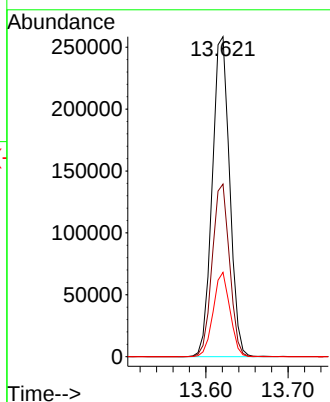
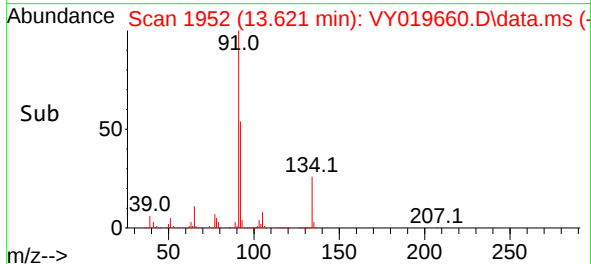
Instrument :
MSVOA_Y
ClientSampleId :
VY0923SBS01



Tgt Ion: 91 Resp: 38001
Ion Ratio Lower Upper
91 100
92 53.7 26.6 79.7
134 25.4 12.9 38.7

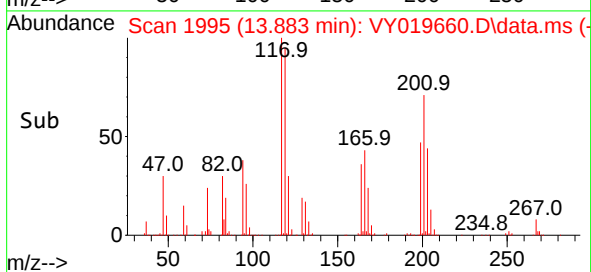
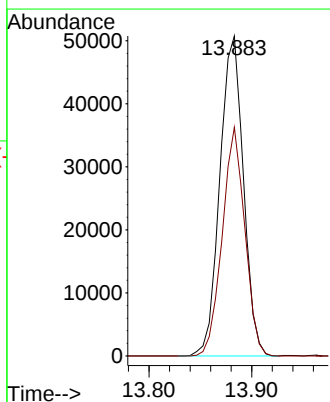
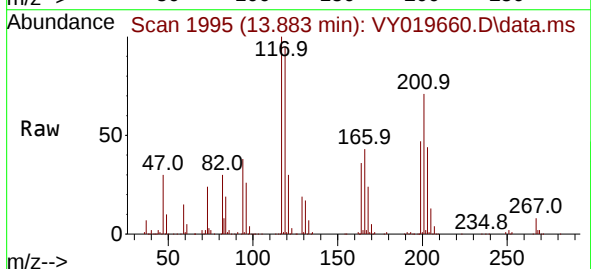
Manual Integrations
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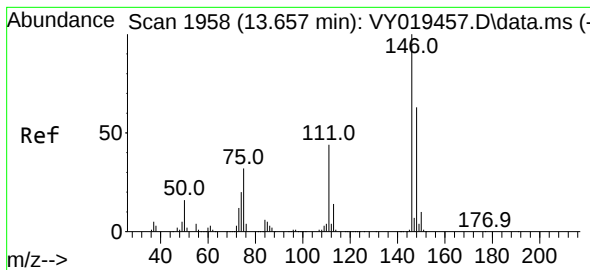
Reviewed By :Mahesh Dadoda 09/24/2024
Supervised By :Semsettin Yesilyurt 09/24/2024



#90
Hexachloroethane
Concen: 21.755 ug/l
RT: 13.883 min Scan# 1995
Delta R.T. 0.000 min
Lab File: VY019660.D
Acq: 23 Sep 2024 11:51

Tgt Ion:117 Resp: 80596
Ion Ratio Lower Upper
117 100
201 68.7 37.4 112.2





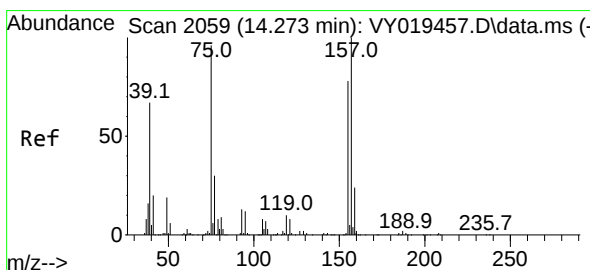
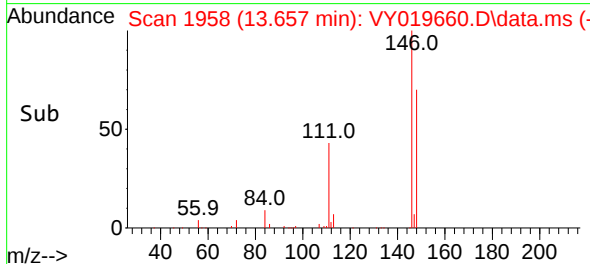
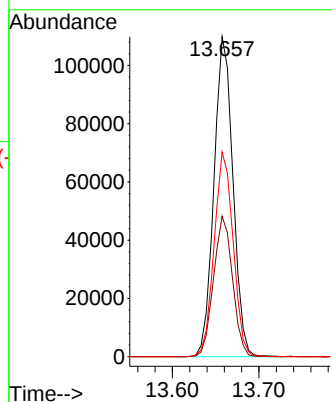
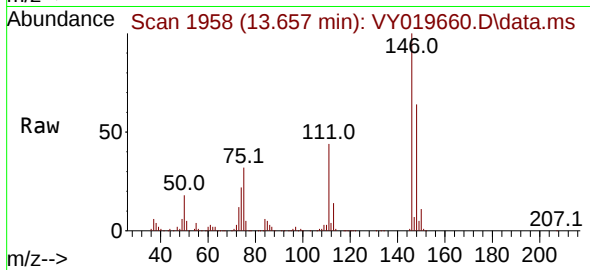
#91
1,2-Dichlorobenzene
Concen: 21.375 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. 0.000 min
Lab File: VY019660.D
Acq: 23 Sep 2024 11:51

Instrument :
MSVOA_Y
ClientSampleId :
VY0923SBS01

Tgt Ion:146 Resp: 167318
Ion Ratio Lower Upper
146 100
111 43.8 19.9 59.7
148 64.0 31.8 95.4

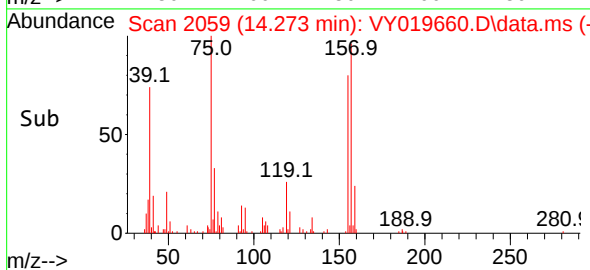
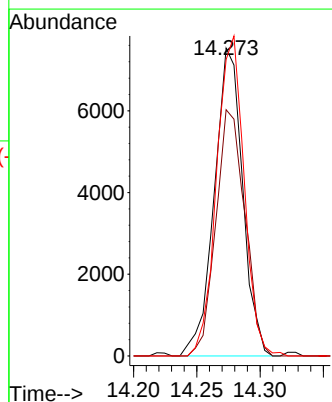
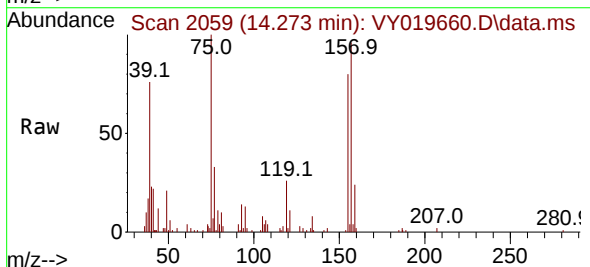
Manual Integrations
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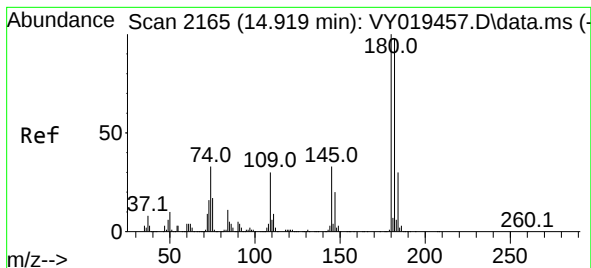
Reviewed By :Mahesh Dadoda 09/24/2024
Supervised By :Semsettin Yesilyurt 09/24/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.477 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. 0.000 min
Lab File: VY019660.D
Acq: 23 Sep 2024 11:51

Tgt Ion: 75 Resp: 11727
Ion Ratio Lower Upper
75 100
155 82.0 48.6 145.8
157 100.8 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 19.689 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY019660.D

Acq: 23 Sep 2024 11:51

Instrument :

MSVOA_Y

ClientSampleId :

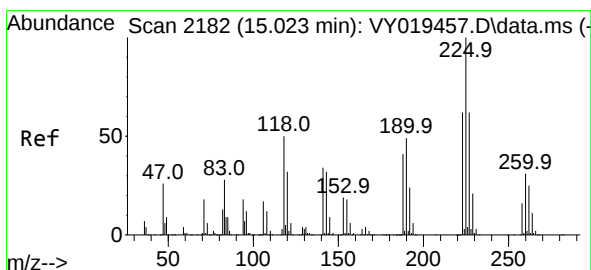
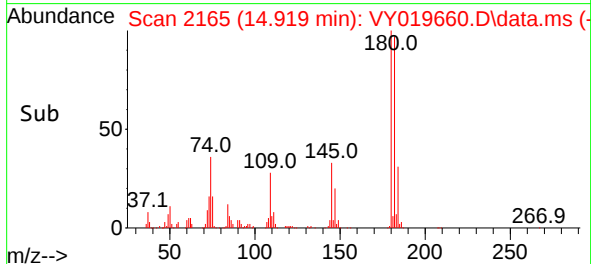
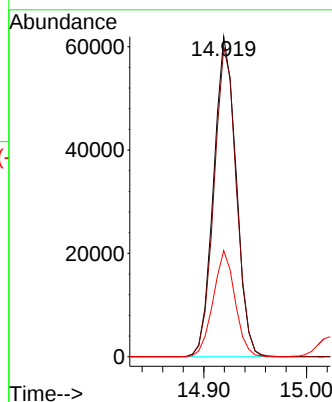
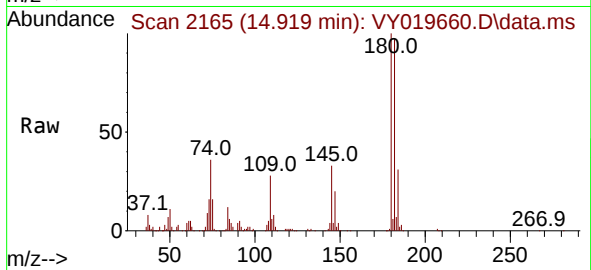
VY0923SBS01

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.6	47.9	143.8
145	32.3	14.2	42.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/24/2024
Supervised By :Semsettin Yesilyurt 09/24/2024



#94

Hexachlorobutadiene

Concen: 21.720 ug/l

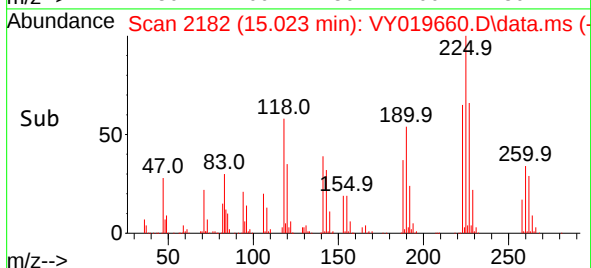
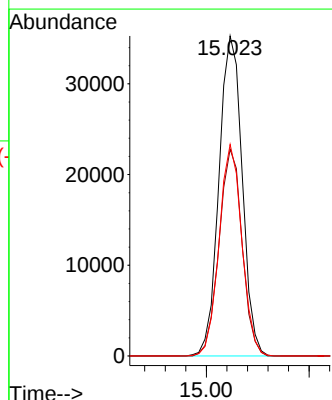
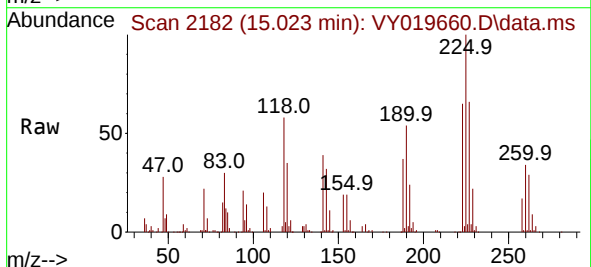
RT: 15.023 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VY019660.D

Acq: 23 Sep 2024 11:51

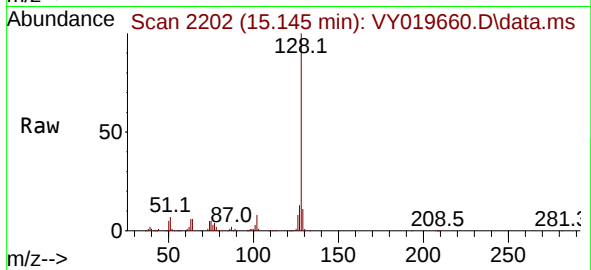
Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.0	30.4	91.2
227	64.7	31.9	95.9





#95
Naphthalene
Concen: 18.547 ug/l
RT: 15.145 min Scan# 2202
Delta R.T. 0.000 min
Lab File: VY019660.D
Acq: 23 Sep 2024 11:51

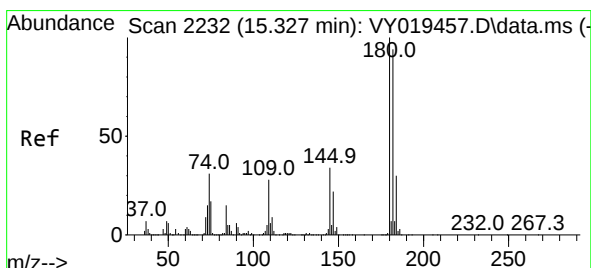
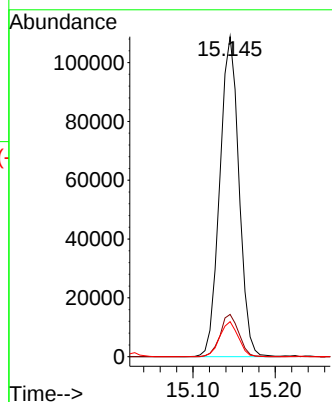
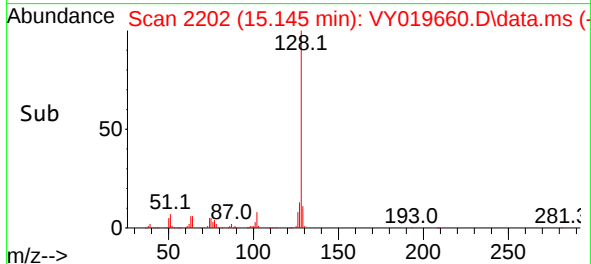
Instrument :
MSVOA_Y
ClientSampleId :
VY0923SBS01



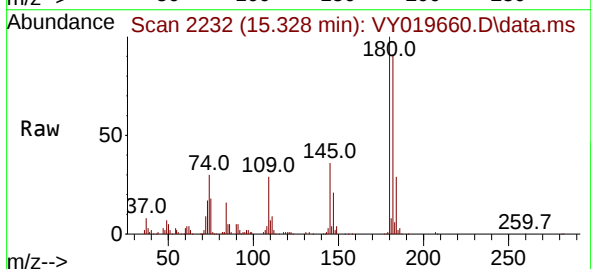
Tgt Ion:128 Resp: 176822
Ion Ratio Lower Upper
128 100
127 12.9 10.6 16.0
129 10.6 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 09/24/2024
Supervised By :Semsettin Yesilyurt 09/24/2024



#96
1,2,3-Trichlorobenzene
Concen: 19.842 ug/l
RT: 15.328 min Scan# 2232
Delta R.T. 0.000 min
Lab File: VY019660.D
Acq: 23 Sep 2024 11:51



Tgt Ion:180 Resp: 80802
Ion Ratio Lower Upper
180 100
182 93.8 47.6 142.9
145 33.6 15.4 46.1

