

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101323\
 Data File : VY015951.D
 Acq On : 13 Oct 2023 12:12
 Operator : SY/MD
 Sample : VY1013SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1013SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 10/16/2023
 Supervised By :Semsettin Yesilyurt 10/16/2023

Quant Time: Oct 13 16:07:38 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 13 13:13:02 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	217901	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.685	114	354298	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.489	117	325547	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	170730	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	124737	50.159	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 100.320%			
35) Dibromofluoromethane	7.716	113	110917	49.727	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 99.460%			
50) Toluene-d8	10.179	98	432547	51.783	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 103.560%			
62) 4-Bromofluorobenzene	12.477	95	156782	52.711	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 105.420%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	31618	17.341	ug/l	97
3) Chloromethane	2.107	50	53441	15.775	ug/l	95
4) Vinyl Chloride	2.247	62	42347	18.156	ug/l	94
5) Bromomethane	2.650	94	26935	20.417	ug/l	95
6) Chloroethane	2.790	64	22801	15.127	ug/l	97
7) Trichlorofluoromethane	3.113	101	73627	18.611	ug/l	97
8) Diethyl Ether	3.521	74	24530	16.591	ug/l	82
9) 1,1,2-Trichlorotrifluo...	3.869	101	41242	18.334	ug/l	98
10) Methyl Iodide	4.070	142	49044	18.960	ug/l	99
11) Tert butyl alcohol	5.143	59	117227m	81.248	ug/l	
12) 1,1-Dichloroethene	3.851	96	39561	18.669	ug/l	92
13) Acrolein	3.735	56	60278	128.339	ug/l	98
14) Allyl chloride	4.460	41	67614	19.745	ug/l	88
15) Acrylonitrile	5.186	53	160935	123.558	ug/l	99
16) Acetone	3.997	43	172876	119.671	ug/l	93
17) Carbon Disulfide	4.168	76	120367	18.584	ug/l	97
18) Methyl Acetate	4.497	43	123640	24.675	ug/l #	88
19) Methyl tert-butyl Ether	5.234	73	134431	18.924	ug/l	96
20) Methylene Chloride	4.698	84	56449	17.792	ug/l	90
21) trans-1,2-Dichloroethene	5.198	96	47591	19.213	ug/l	90
22) Diisopropyl ether	6.131	45	136060	19.134	ug/l	96
23) Vinyl Acetate	6.064	43	406971	86.997	ug/l #	92
24) 1,1-Dichloroethane	6.003	63	81840	19.344	ug/l	95
25) 2-Butanone	7.015	43	247383	117.663	ug/l	94
26) 2,2-Dichloropropane	6.972	77	60385	17.188	ug/l	96
27) cis-1,2-Dichloroethene	6.978	96	54251	19.479	ug/l	90
28) Bromochloromethane	7.332	49	38015	20.135	ug/l	95
29) Tetrahydrofuran	7.368	42	175809	121.987	ug/l	88
30) Chloroform	7.502	83	84335	19.205	ug/l	97
31) Cyclohexane	7.777	56	72763	18.380	ug/l	89
32) 1,1,1-Trichloroethane	7.697	97	74598	19.101	ug/l	97
36) 1,1-Dichloropropene	7.911	75	64542	19.177	ug/l	98
37) Ethyl Acetate	7.082	43	138160	26.606	ug/l #	91
38) Carbon Tetrachloride	7.893	117	67480	19.039	ug/l	99
39) Methylcyclohexane	9.179	83	80857	18.726	ug/l	92
40) Benzene	8.155	78	188210	19.328	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	33043	19.299	ug/l	88
42) 1,2-Dichloroethane	8.234	62	58395	18.689	ug/l	92
43) Isopropyl Acetate	8.283	43	101191	18.139	ug/l #	92
44) Trichloroethene	8.935	130	63151	21.044	ug/l	92
45) 1,2-Dichloropropane	9.215	63	48740	19.615	ug/l	93
46) Dibromomethane	9.307	93	34959	20.016	ug/l	96
47) Bromodichloromethane	9.496	83	68803	19.508	ug/l	99
48) Methyl methacrylate	9.295	41	48178	19.551	ug/l #	79
49) 1,4-Dioxane	9.374	88	11617	238.502	ug/l #	45
51) 4-Methyl-2-Pentanone	10.075	43	450562	109.590	ug/l	90
52) Toluene	10.240	92	121174	19.463	ug/l	94
53) t-1,3-Dichloropropene	10.465	75	74384	18.810	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	79157	18.621	ug/l #	88
55) 1,1,2-Trichloroethane	10.642	97	49064	19.731	ug/l	96
56) Ethyl methacrylate	10.508	69	75558	19.409	ug/l #	84
57) 1,3-Dichloropropane	10.788	76	80408	19.061	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.782	63	207690	121.580	ug/l	94
59) 2-Hexanone	10.837	43	417993	119.103	ug/l	86
60) Dibromochloromethane	10.983	129	55062	19.472	ug/l	99
61) 1,2-Dibromoethane	11.087	107	54408	20.221	ug/l	98
64) Tetrachloroethene	10.715	164	62772	22.119	ug/l	98
65) Chlorobenzene	11.514	112	134528	19.723	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	49338	19.540	ug/l	97
67) Ethyl Benzene	11.593	91	233773	19.600	ug/l	98
68) m/p-Xylenes	11.703	106	182999	39.758	ug/l	95
69) o-Xylene	12.026	106	87795	19.951	ug/l	98
70) Styrene	12.044	104	150124	20.045	ug/l	96
71) Bromoform	12.209	173	42861	19.933	ug/l #	99
73) Isopropylbenzene	12.331	105	228459	18.902	ug/l	99
74) N-amyl acetate	12.142	43	92015	18.845	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.581	83	65544	17.656	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	67718m	20.268	ug/l	
77) Bromobenzene	12.611	156	58494	19.279	ug/l	91
78) n-propylbenzene	12.672	91	283068	19.260	ug/l	100
79) 2-Chlorotoluene	12.758	91	161285	19.402	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	195815	19.501	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	27707	19.535	ug/l	92
82) 4-Chlorotoluene	12.855	91	166953	19.541	ug/l	98
83) tert-Butylbenzene	13.075	119	166728	18.896	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	197096	19.554	ug/l	99
85) sec-Butylbenzene	13.251	105	254183	19.411	ug/l	99
86) p-Isopropyltoluene	13.367	119	213889	19.546	ug/l	97
87) 1,3-Dichlorobenzene	13.367	146	113603	19.497	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	114917	19.531	ug/l	98
89) n-Butylbenzene	13.696	91	200804	19.515	ug/l	97
90) Hexachloroethane	13.959	117	39410	18.791	ug/l	93
91) 1,2-Dichlorobenzene	13.739	146	107782	19.715	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	23903	22.508	ug/l	85
93) 1,2,4-Trichlorobenzene	15.007	180	71342	19.854	ug/l	98
94) Hexachlorobutadiene	15.111	225	35653	19.542	ug/l	99
95) Naphthalene	15.233	128	240327	20.616	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	67896	19.709	ug/l	98

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Instrument :
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ClientSampleId :
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Quant Title : SW846 8260
QLast Update : Fri Oct 13 13:13:02 2023
Response via : Initial Calibration

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

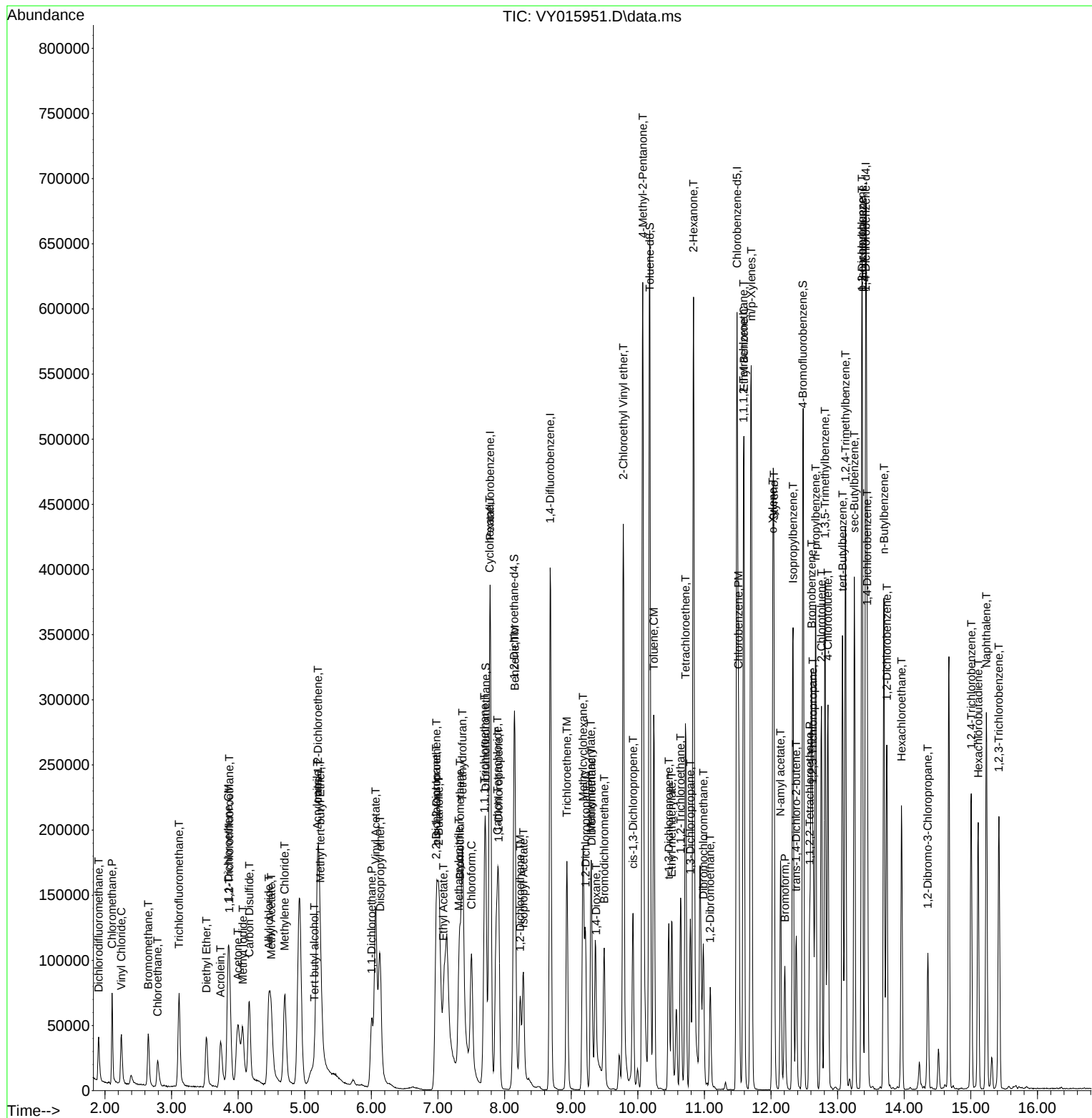
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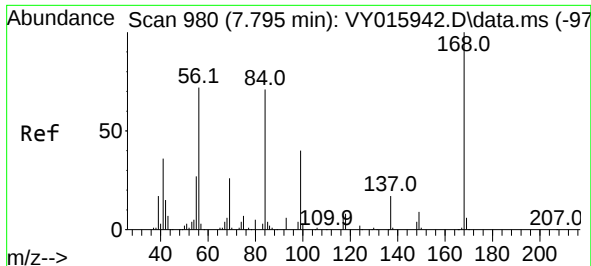
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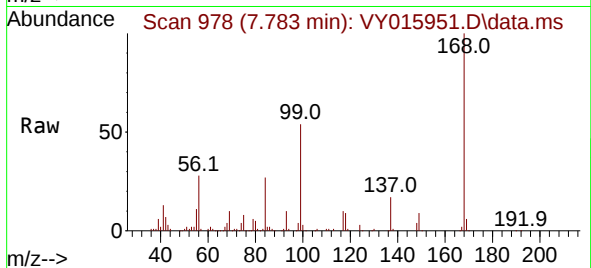
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.012 min
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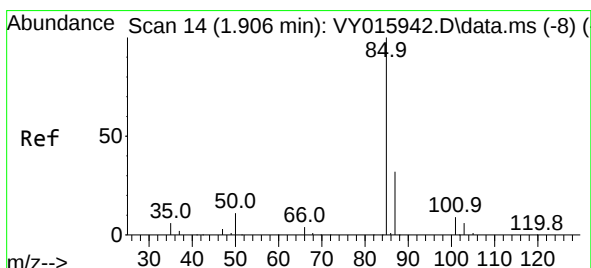
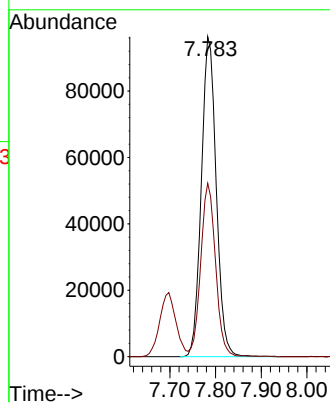
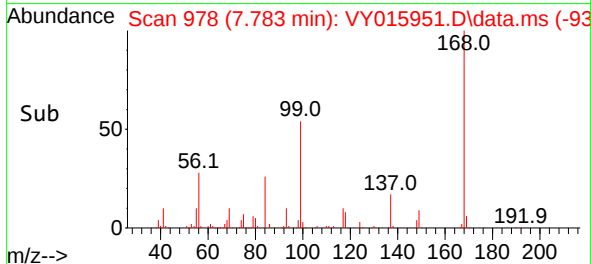
Instrument :
MSVOA_Y
ClientSampleId :
VY1013SBS01



Tgt Ion:168 Resp: 21790
Ion Ratio Lower Upper
168 100
99 54.2 43.4 65.0

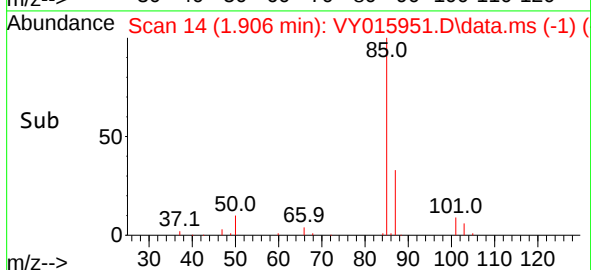
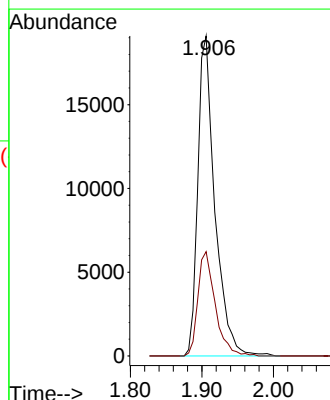
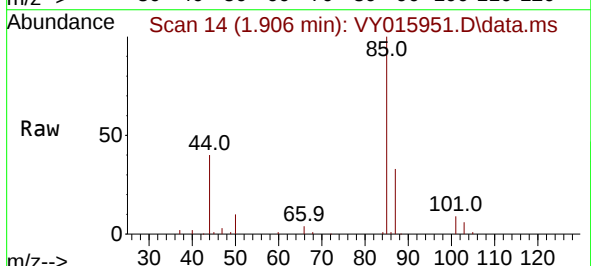
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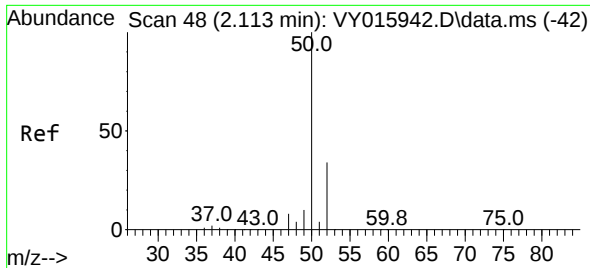
Reviewed By :Mahesh Dadoda 10/16/2023
Supervised By :Semsettin Yesilyurt 10/16/2023



#2
Dichlorodifluoromethane
Concen: 17.341 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY015951.D
Acq: 13 Oct 2023 12:12

Tgt Ion: 85 Resp: 31618
Ion Ratio Lower Upper
85 100
87 32.6 15.6 46.8





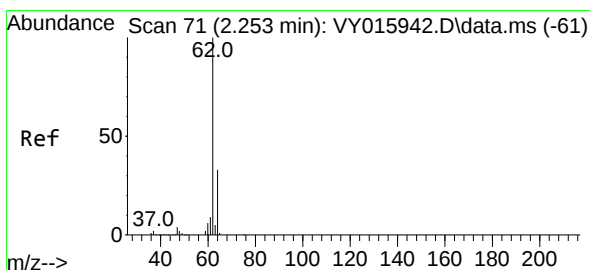
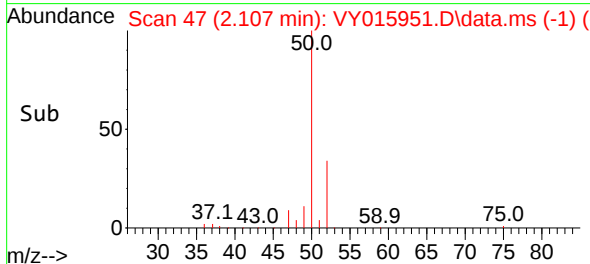
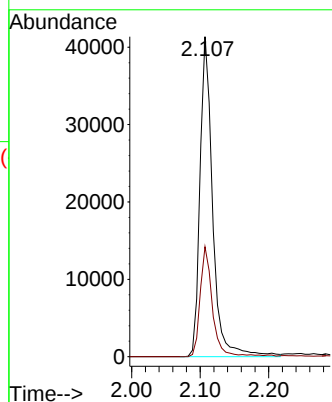
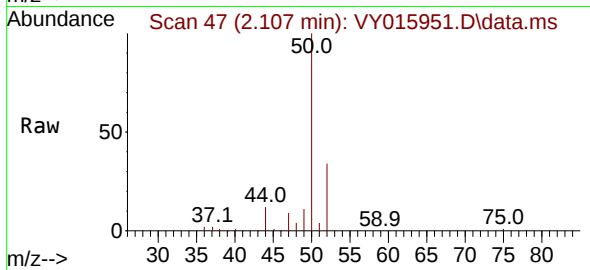
#3
Chloromethane
Concen: 15.775 ug/l
RT: 2.107 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY015951.D
Acq: 13 Oct 2023 12:12

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Tgt Ion: 50 Resp: 5344
Ion Ratio Lower Upper
50 100
52 34.4 25.4 38.2

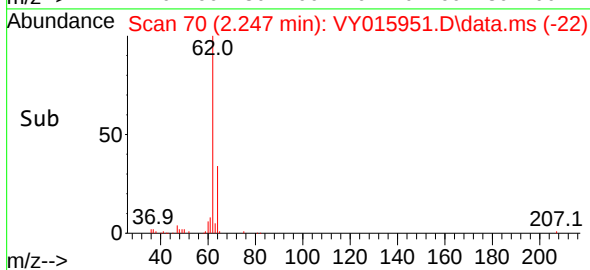
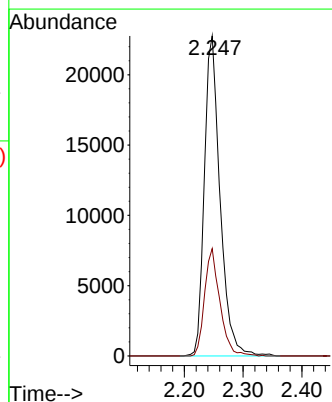
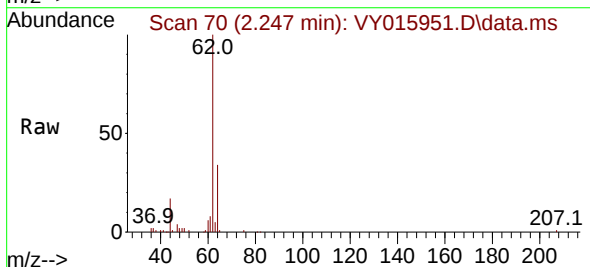
Manual Integrations
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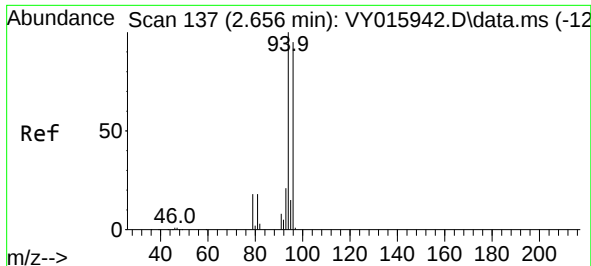
Reviewed By :Mahesh Dadoda 10/16/2023
Supervised By :Semsettin Yesilyurt 10/16/2023



#4
Vinyl Chloride
Concen: 18.156 ug/l
RT: 2.247 min Scan# 70
Delta R.T. -0.006 min
Lab File: VY015951.D
Acq: 13 Oct 2023 12:12

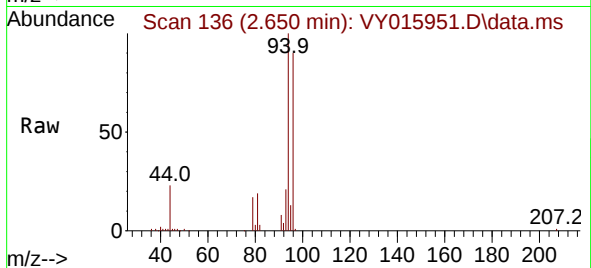
Tgt Ion: 62 Resp: 42347
Ion Ratio Lower Upper
62 100
64 33.5 24.3 36.5





#5
Bromomethane
Concen: 20.417 ug/l
RT: 2.650 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY015951.D
Acq: 13 Oct 2023 12:12

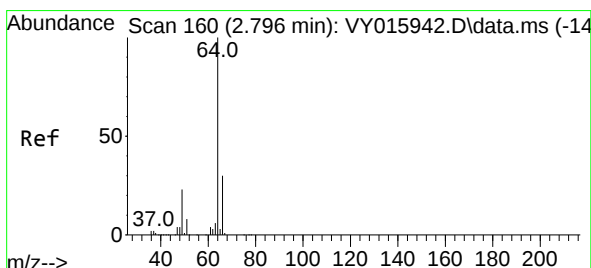
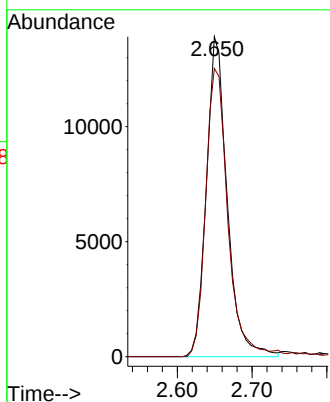
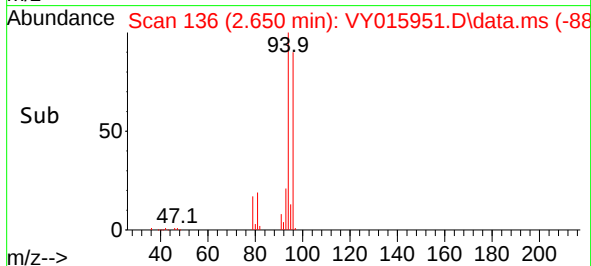
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Tgt Ion: 94 Resp: 2693
Ion Ratio Lower Upper
94 100
96 90.1 75.8 113.6

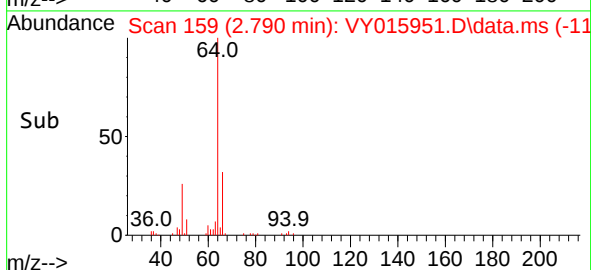
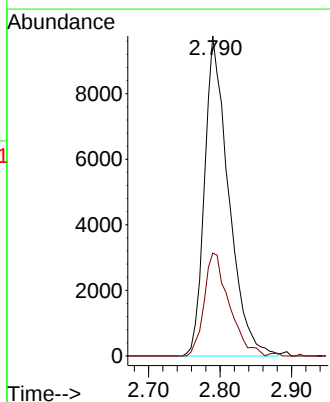
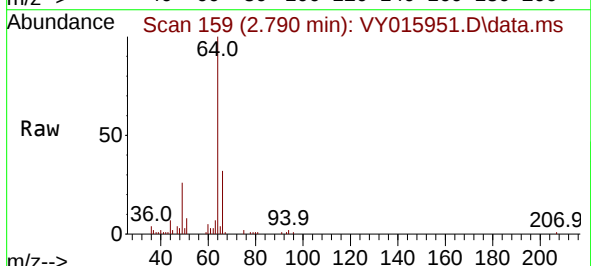
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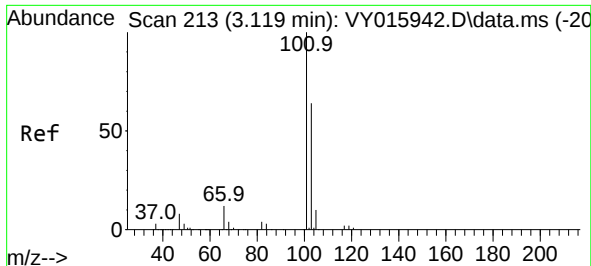
Reviewed By :Mahesh Dadoda 10/16/2023
Supervised By :Semsettin Yesilyurt 10/16/2023



#6
Chloroethane
Concen: 15.127 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.006 min
Lab File: VY015951.D
Acq: 13 Oct 2023 12:12

Tgt Ion: 64 Resp: 22801
Ion Ratio Lower Upper
64 100
66 32.1 24.4 36.6





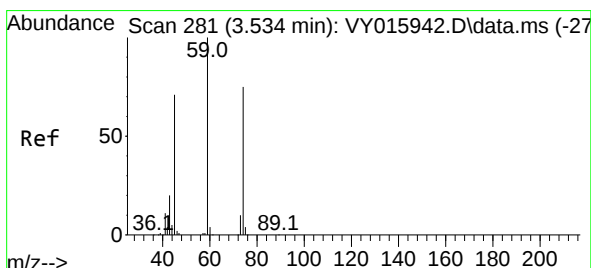
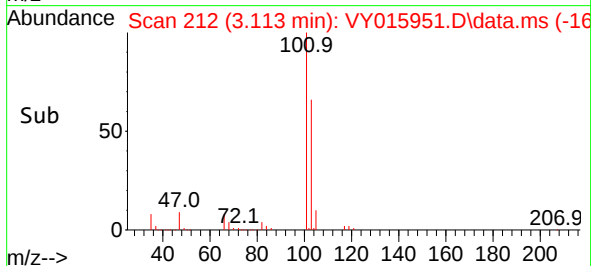
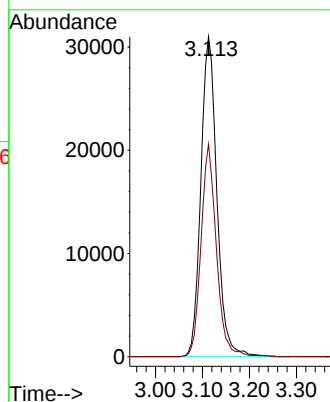
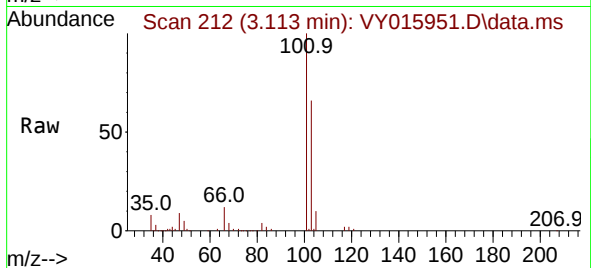
#7
Trichlorofluoromethane
Concen: 18.611 ug/l
RT: 3.113 min Scan# 213
Delta R.T. -0.006 min
Lab File: VY015951.D
Acq: 13 Oct 2023 12:12

Instrument :
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ClientSampleId :
VY1013SBS01

Tgt Ion:101 Resp: 7362
Ion Ratio Lower Upper
101 100
103 66.4 51.4 77.0

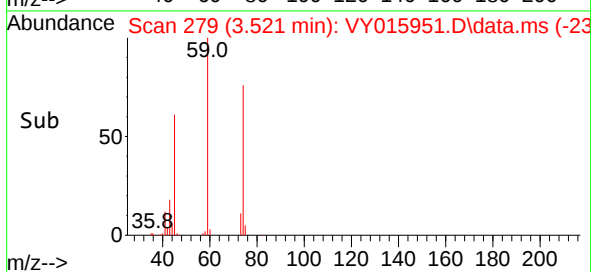
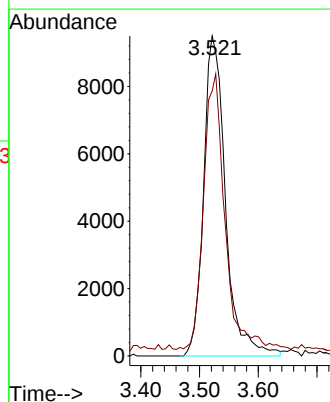
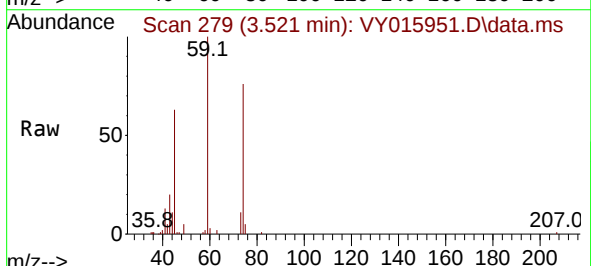
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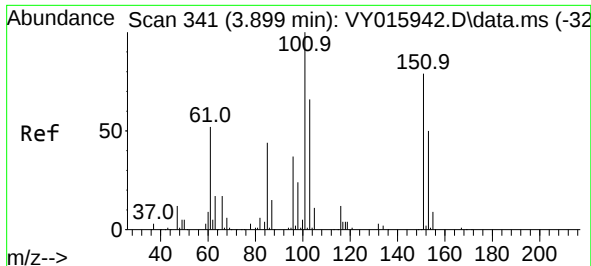
Reviewed By :Mahesh Dadoda 10/16/2023
Supervised By :Semsettin Yesilyurt 10/16/2023



#8
Diethyl Ether
Concen: 16.591 ug/l
RT: 3.521 min Scan# 279
Delta R.T. -0.012 min
Lab File: VY015951.D
Acq: 13 Oct 2023 12:12

Tgt Ion: 74 Resp: 24530
Ion Ratio Lower Upper
74 100
45 84.6 51.5 154.5





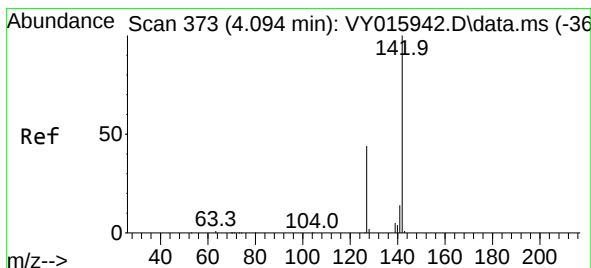
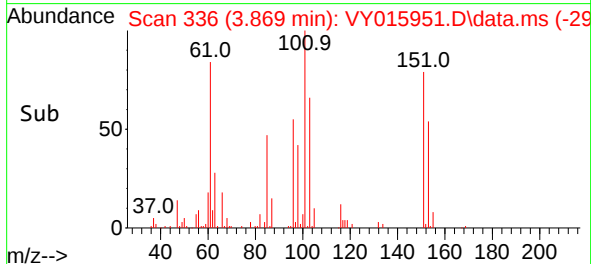
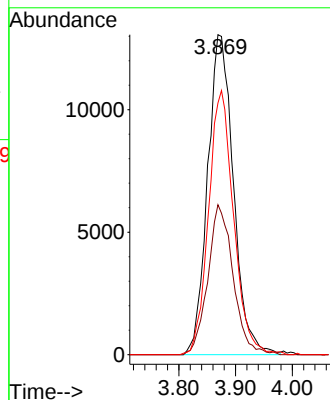
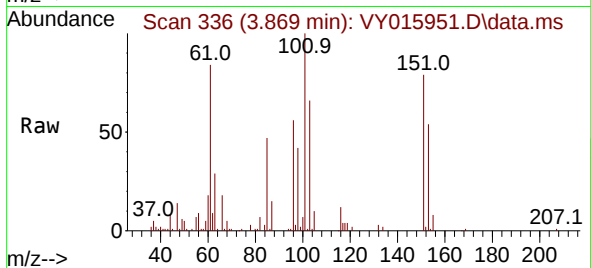
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.334 ug/l
RT: 3.869 min Scan# 31
Delta R.T. -0.030 min
Lab File: VY015951.D
Acq: 13 Oct 2023 12:12

Instrument :
MSVOA_Y
ClientSampleId :
VY1013SBS01

Tgt Ion:101 Resp: 4124
Ion Ratio Lower Upper
101 100
85 45.9 36.6 55.0
151 80.4 67.0 100.6

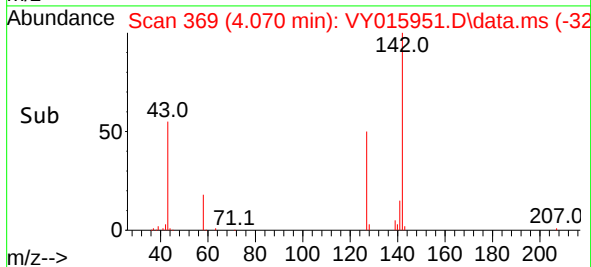
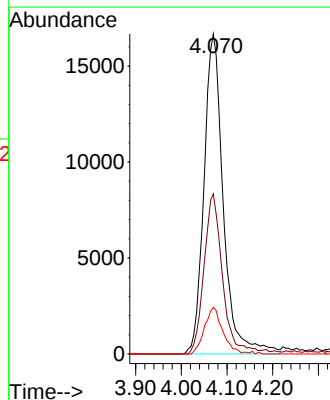
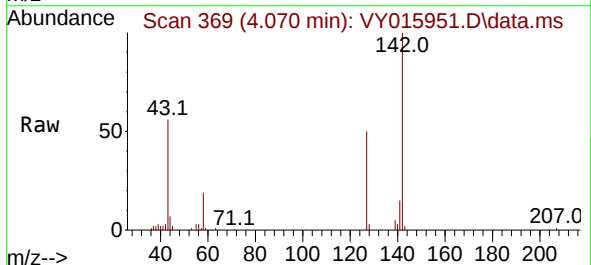
Manual Integrations
APPROVED

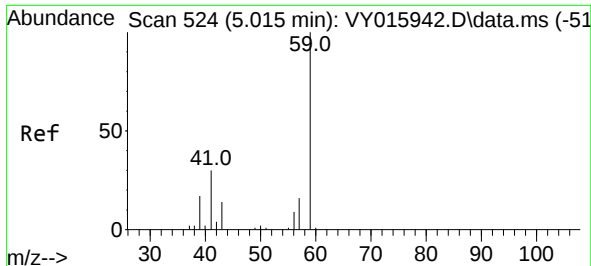
Reviewed By :Mahesh Dadoda 10/16/2023
Supervised By :Semsettin Yesilyurt 10/16/2023



#10
Methyl Iodide
Concen: 18.960 ug/l
RT: 4.070 min Scan# 369
Delta R.T. -0.024 min
Lab File: VY015951.D
Acq: 13 Oct 2023 12:12

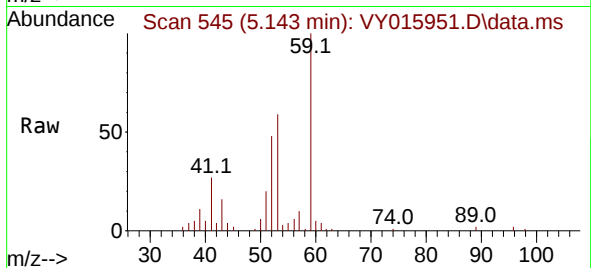
Tgt Ion:142 Resp: 49044
Ion Ratio Lower Upper
142 100
127 47.6 37.6 56.4
141 13.7 11.8 17.8





#11
Tert butyl alcohol
Concen: 81.248 ug/l m
RT: 5.143 min Scan# 545
Delta R.T. 0.128 min
Lab File: VY015951.D
Acq: 13 Oct 2023 12:12

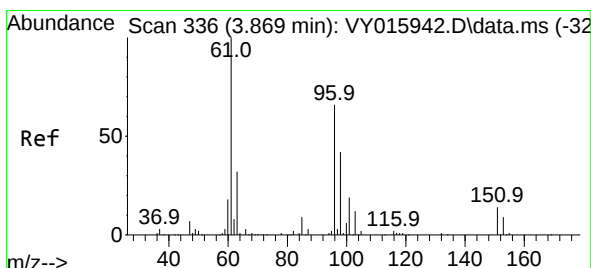
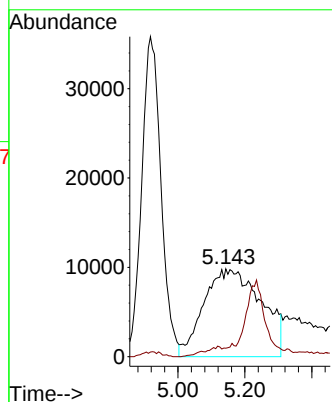
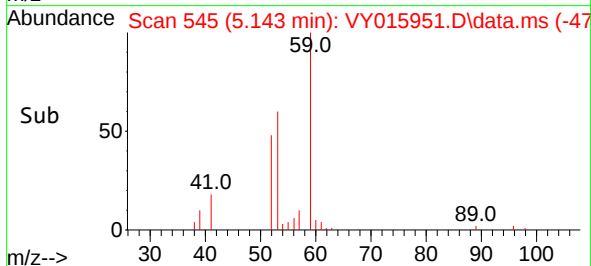
Instrument :
MSVOA_Y
ClientSampleId :
VY1013SBSD01



Tgt Ion: 59 Resp: 11722
Ion Ratio Lower Upper
59 100
57 1.8 3.0 4.4

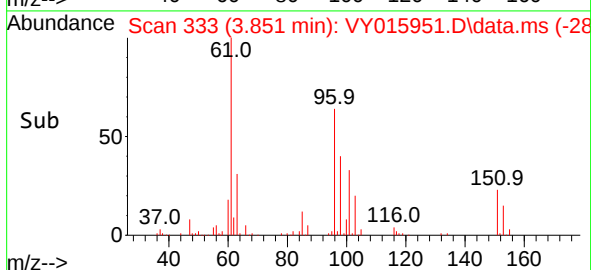
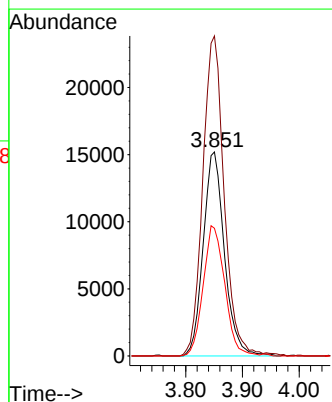
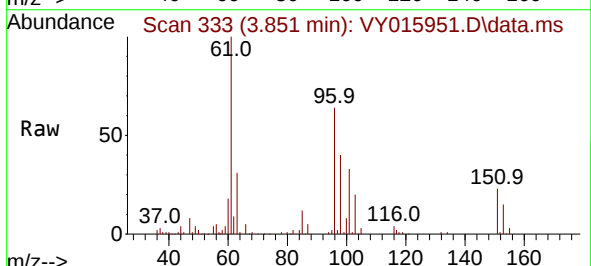
Manual Integrations
APPROVED

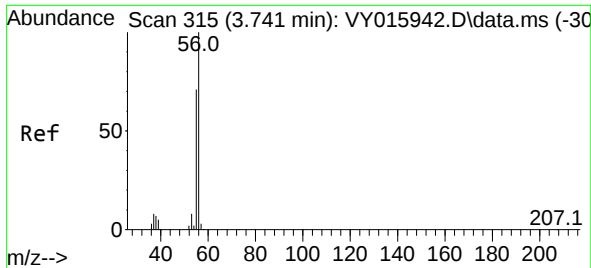
Reviewed By :Mahesh Dadoda 10/16/2023
Supervised By :Semsettin Yesilyurt 10/16/2023



#12
1,1-Dichloroethene
Concen: 18.669 ug/l
RT: 3.851 min Scan# 333
Delta R.T. -0.018 min
Lab File: VY015951.D
Acq: 13 Oct 2023 12:12

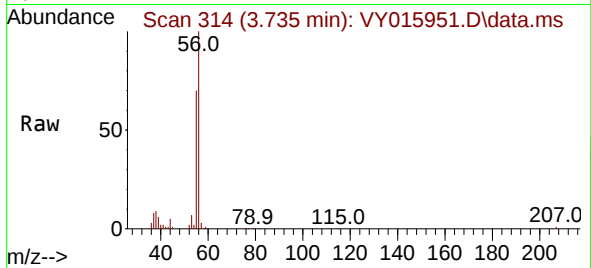
Tgt Ion: 96 Resp: 39561
Ion Ratio Lower Upper
96 100
61 156.9 136.4 204.6
98 62.6 49.4 74.2





#13
Acrolein
Concen: 128.339 ug/l
RT: 3.735 min Scan# 315
Delta R.T. -0.006 min
Lab File: VY015951.D
Acq: 13 Oct 2023 12:12

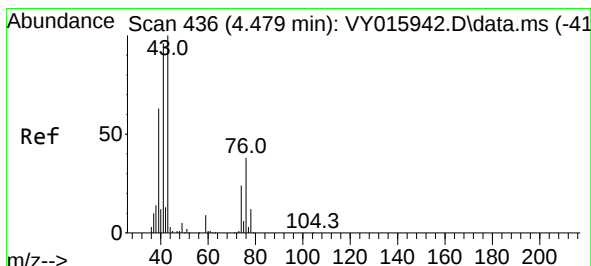
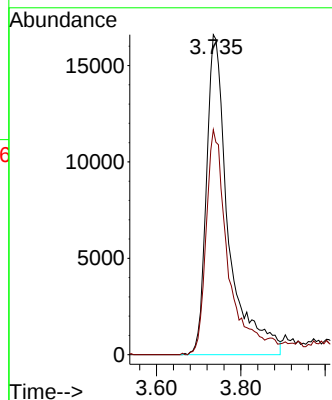
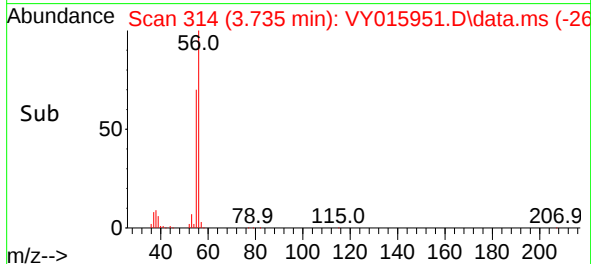
Instrument :
MSVOA_Y
ClientSampleId :
VY1013SBS01



Tgt Ion: 56 Resp: 60278
Ion Ratio Lower Upper
56 100
55 69.1 57.0 85.4

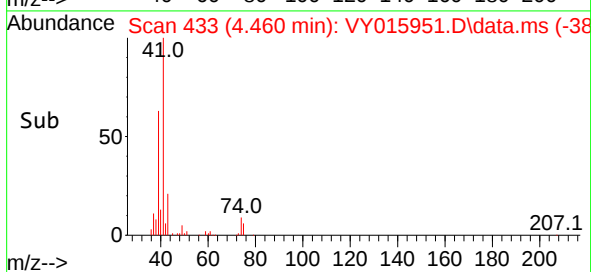
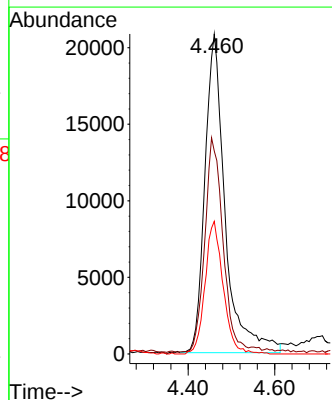
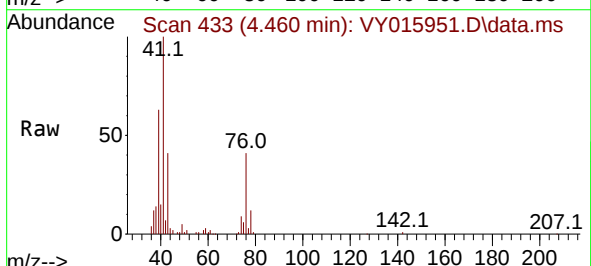
Manual Integrations
APPROVED

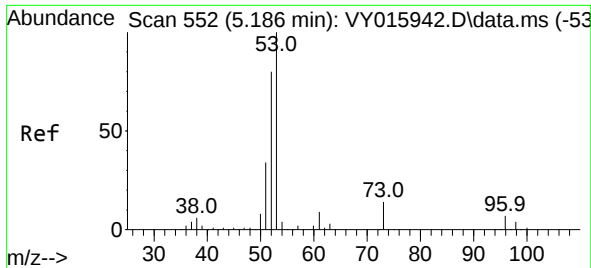
Reviewed By :Mahesh Dadoda 10/16/2023
Supervised By :Semsettin Yesilyurt 10/16/2023



#14
Allyl chloride
Concen: 19.745 ug/l
RT: 4.460 min Scan# 433
Delta R.T. -0.018 min
Lab File: VY015951.D
Acq: 13 Oct 2023 12:12

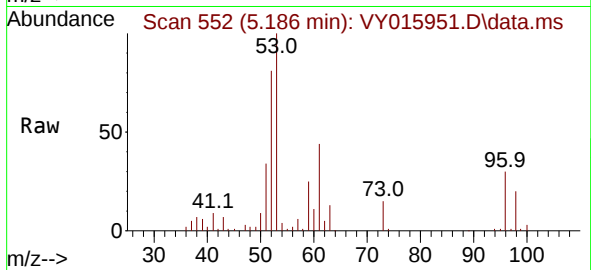
Tgt Ion: 41 Resp: 67614
Ion Ratio Lower Upper
41 100
39 59.6 58.0 87.0
76 37.3 27.4 41.2





#15
Acrylonitrile
Concen: 123.558 ug/l
RT: 5.186 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY015951.D
Acq: 13 Oct 2023 12:12

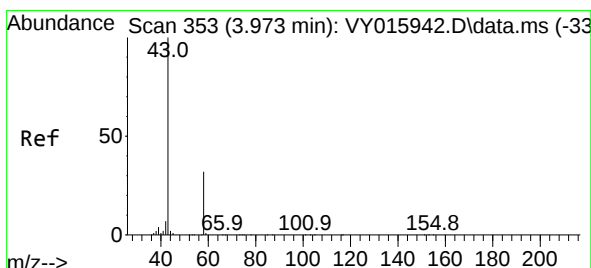
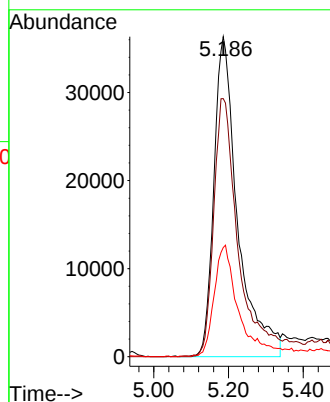
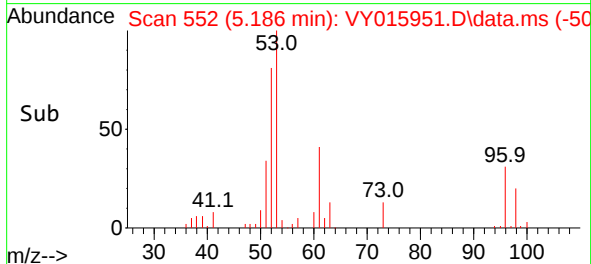
Instrument :
MSVOA_Y
ClientSampleId :
VY1013SBSD01



Tgt Ion: 53 Resp: 160938
Ion Ratio Lower Upper
53 100
52 82.8 66.9 100.3
51 35.6 29.8 44.6

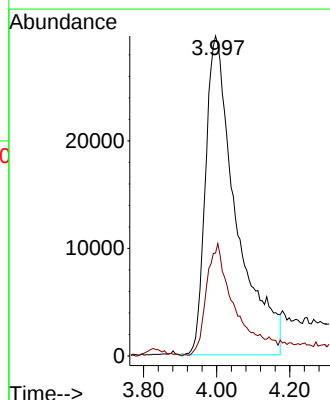
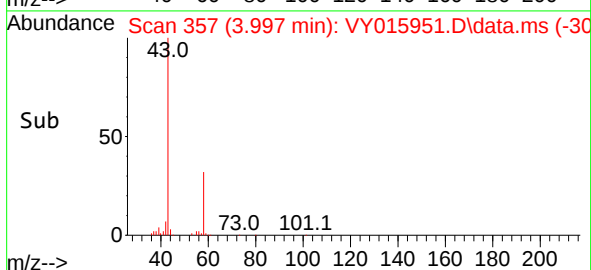
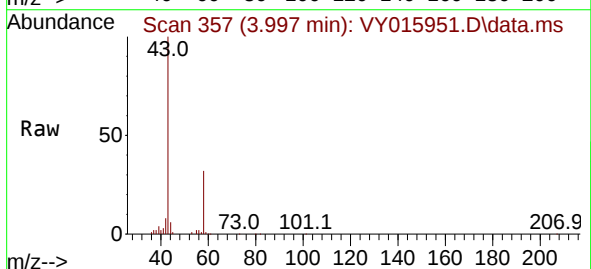
Manual Integrations
APPROVED

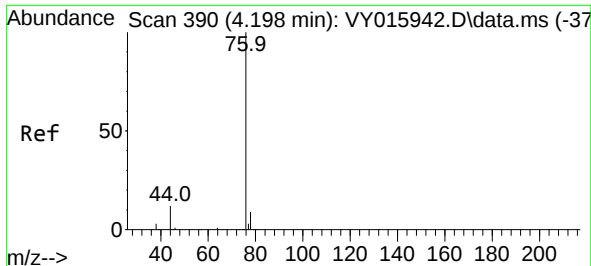
Reviewed By :Mahesh Dadoda 10/16/2023
Supervised By :Semsettin Yesilyurt 10/16/2023



#16
Acetone
Concen: 119.671 ug/l
RT: 3.997 min Scan# 357
Delta R.T. 0.024 min
Lab File: VY015951.D
Acq: 13 Oct 2023 12:12

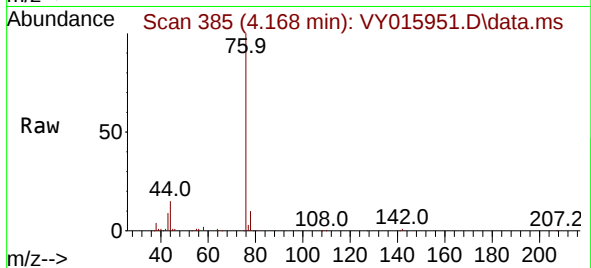
Tgt Ion: 43 Resp: 172876
Ion Ratio Lower Upper
43 100
58 32.0 22.7 34.1





#17
Carbon Disulfide
Concen: 18.584 ug/l
RT: 4.168 min Scan# 385
Delta R.T. -0.030 min
Lab File: VY015951.D
Acq: 13 Oct 2023 12:12

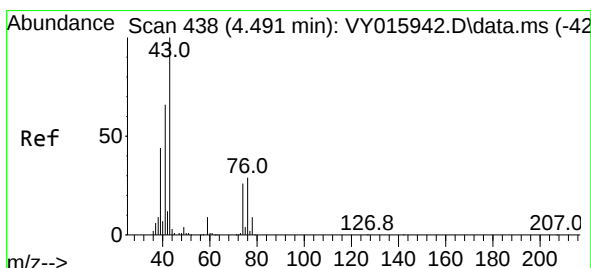
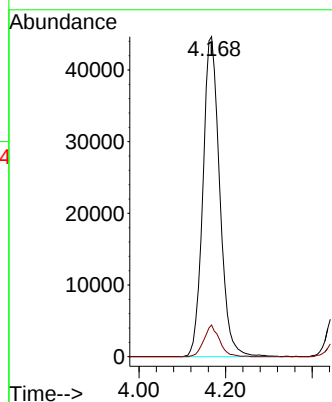
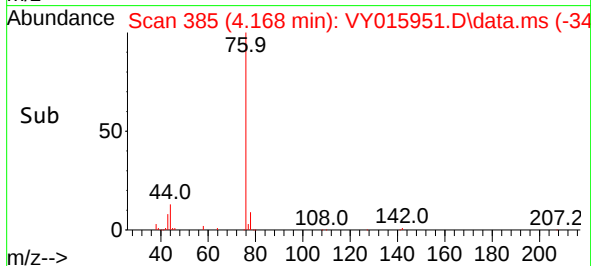
Instrument :
MSVOA_Y
ClientSampleId :
VY1013SBSD01



Tgt Ion: 76 Resp: 12036
Ion Ratio Lower Upper
76 100
78 9.9 7.0 10.4

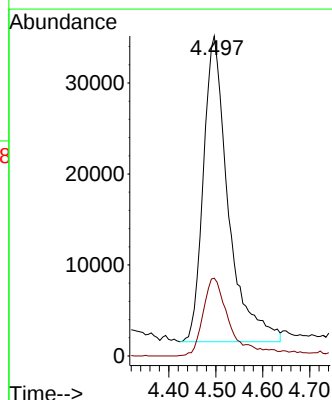
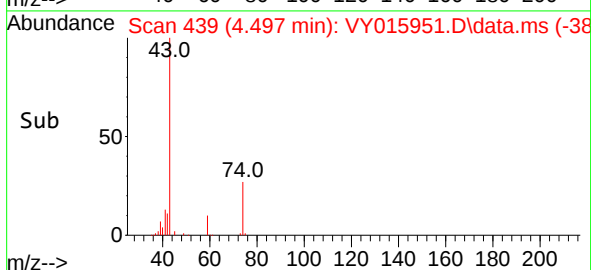
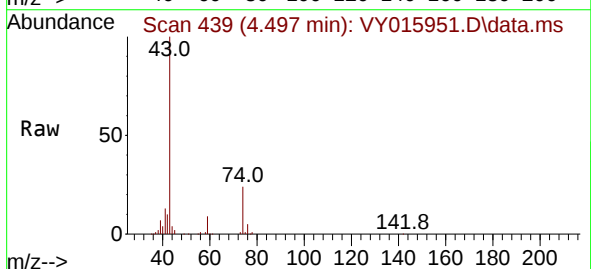
Manual Integrations
APPROVED

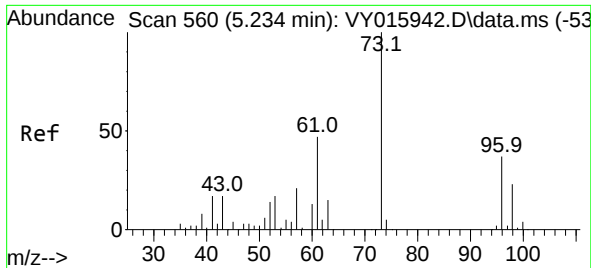
Reviewed By :Mahesh Dadoda 10/16/2023
Supervised By :Semsettin Yesilyurt 10/16/2023



#18
Methyl Acetate
Concen: 24.675 ug/l
RT: 4.497 min Scan# 439
Delta R.T. 0.006 min
Lab File: VY015951.D
Acq: 13 Oct 2023 12:12

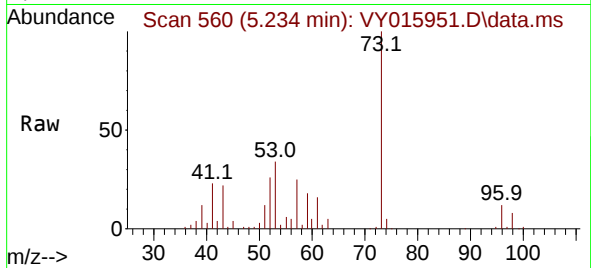
Tgt Ion: 43 Resp: 123640
Ion Ratio Lower Upper
43 100
74 27.3 17.4 26.0#





#19
Methyl tert-butyl Ether
Concen: 18.924 ug/l
RT: 5.234 min Scan# 50
Delta R.T. -0.000 min
Lab File: VY015951.D
Acq: 13 Oct 2023 12:12

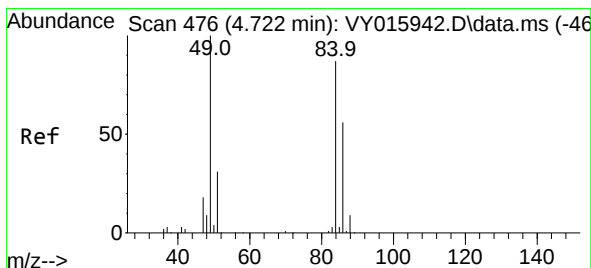
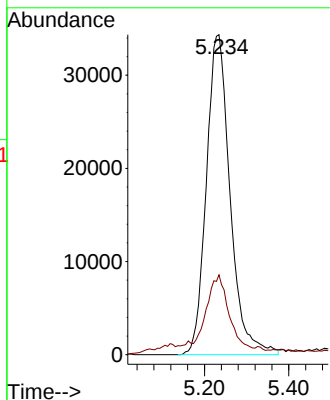
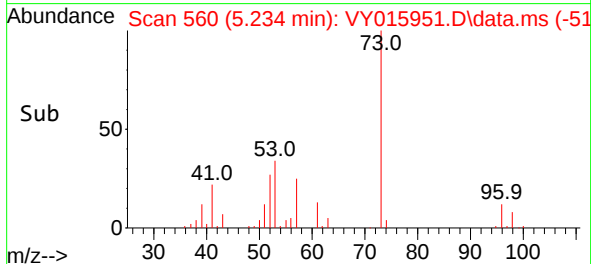
Instrument :
MSVOA_Y
ClientSampleId :
VY1013SBSD01



Tgt Ion: 73 Resp: 13443
Ion Ratio Lower Upper
73 100
57 23.4 17.3 25.9

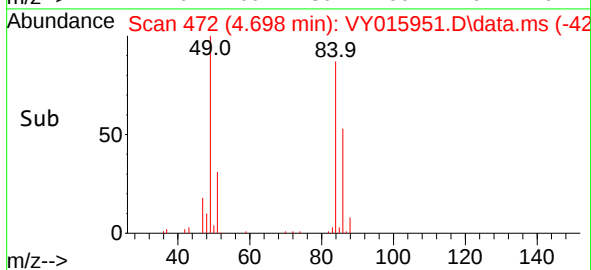
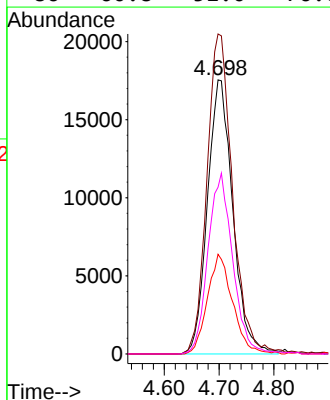
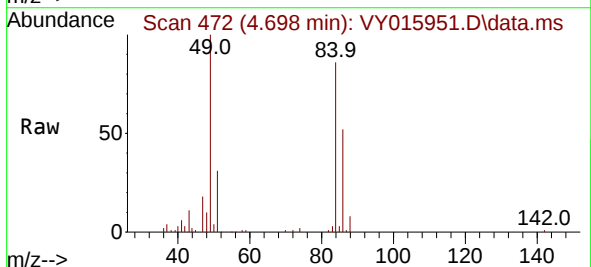
Manual Integrations
APPROVED

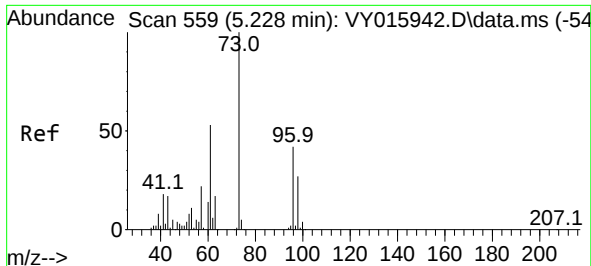
Reviewed By :Mahesh Dadoda 10/16/2023
Supervised By :Semsettin Yesilyurt 10/16/2023



#20
Methylene Chloride
Concen: 17.792 ug/l
RT: 4.698 min Scan# 472
Delta R.T. -0.024 min
Lab File: VY015951.D
Acq: 13 Oct 2023 12:12

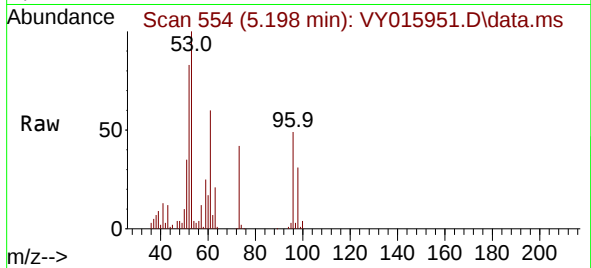
Tgt Ion: 84 Resp: 56449
Ion Ratio Lower Upper
84 100
49 116.7 106.9 160.3
51 36.3 33.2 49.8
86 60.8 51.0 76.6





#21
trans-1,2-Dichloroethene
Concen: 19.213 ug/l
RT: 5.198 min Scan# 51
Delta R.T. -0.030 min
Lab File: VY015951.D
Acq: 13 Oct 2023 12:12

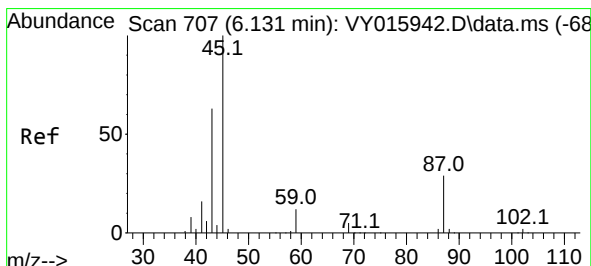
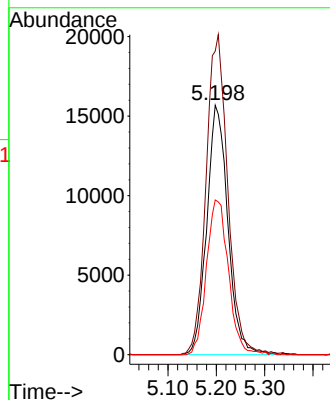
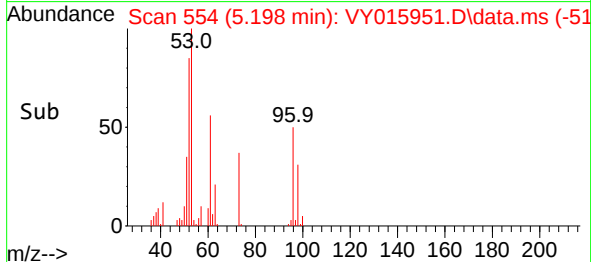
Instrument :
MSVOA_Y
ClientSampleId :
VY1013SBSD01



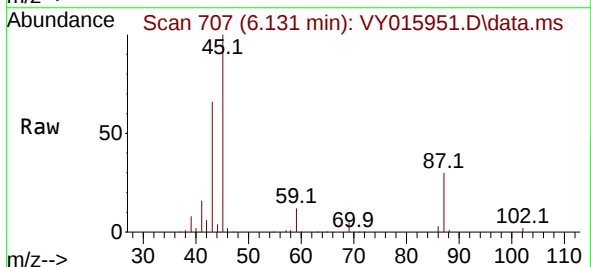
Tgt Ion: 96 Resp: 4759
Ion Ratio Lower Upper
96 100
61 121.7 110.2 165.4
98 62.1 51.8 77.6

Manual Integrations
APPROVED

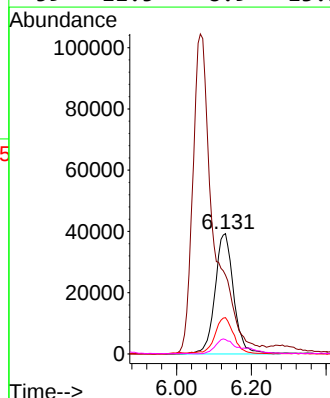
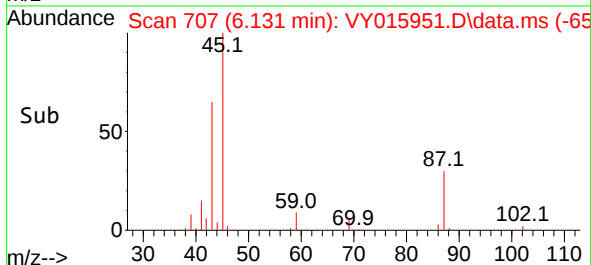
Reviewed By :Mahesh Dadoda 10/16/2023
Supervised By :Semsettin Yesilyurt 10/16/2023

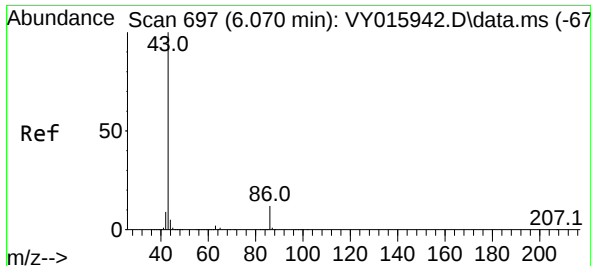


#22
Diisopropyl ether
Concen: 19.134 ug/l
RT: 6.131 min Scan# 707
Delta R.T. -0.000 min
Lab File: VY015951.D
Acq: 13 Oct 2023 12:12



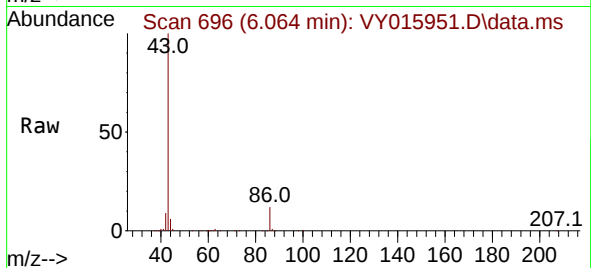
Tgt Ion: 45 Resp: 136060
Ion Ratio Lower Upper
45 100
43 63.1 52.2 78.4
87 29.9 21.0 31.6
59 11.5 8.9 13.3





#23
 Vinyl Acetate
 Concen: 86.997 ug/l
 RT: 6.064 min Scan# 697
 Delta R.T. -0.006 min
 Lab File: VY015951.D
 Acq: 13 Oct 2023 12:12

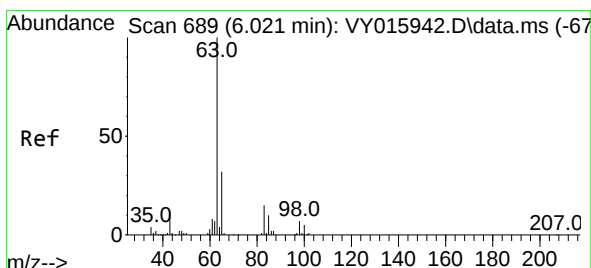
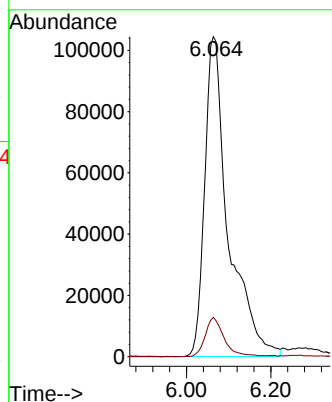
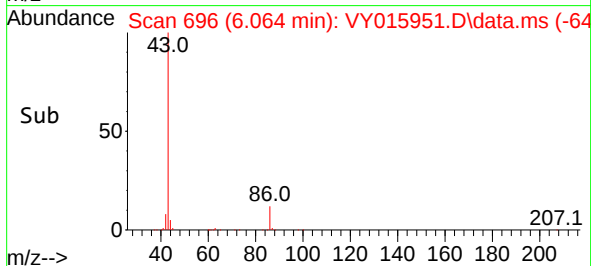
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1013SBS01



Tgt Ion: 43 Resp: 40697
 Ion Ratio Lower Upper
 43 100
 86 12.3 7.5 11.3

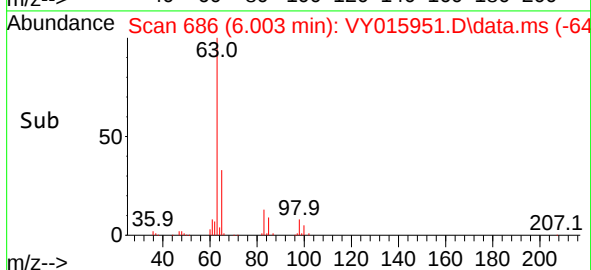
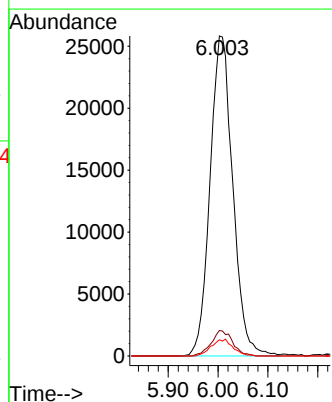
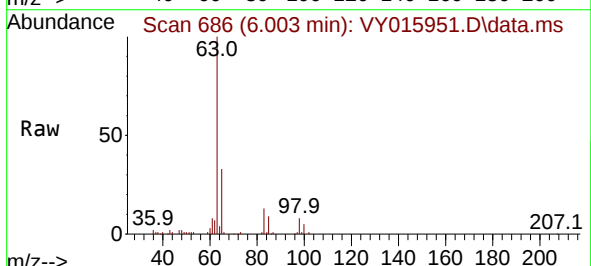
Manual Integrations
 APPROVED

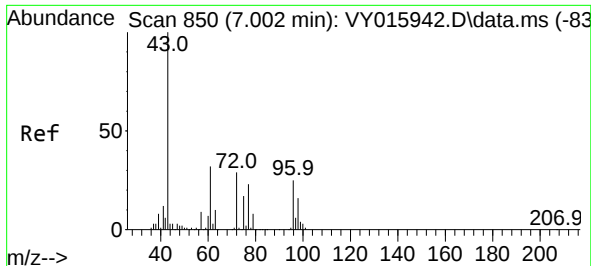
Reviewed By :Mahesh Dadoda 10/16/2023
 Supervised By :Semsettin Yesilyurt 10/16/2023



#24
 1,1-Dichloroethane
 Concen: 19.344 ug/l
 RT: 6.003 min Scan# 686
 Delta R.T. -0.018 min
 Lab File: VY015951.D
 Acq: 13 Oct 2023 12:12

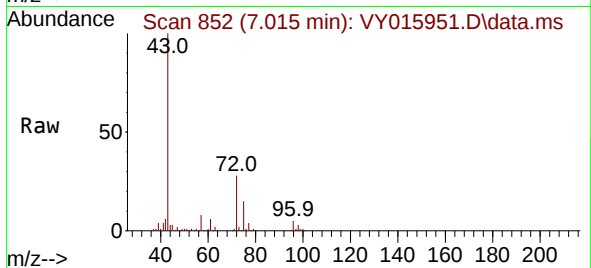
Tgt Ion: 63 Resp: 81840
 Ion Ratio Lower Upper
 63 100
 98 8.0 3.1 9.4
 100 5.1 1.8 5.5





#25
2-Butanone
Concen: 117.663 ug/l
RT: 7.015 min Scan# 850
Delta R.T. 0.012 min
Lab File: VY015951.D
Acq: 13 Oct 2023 12:12

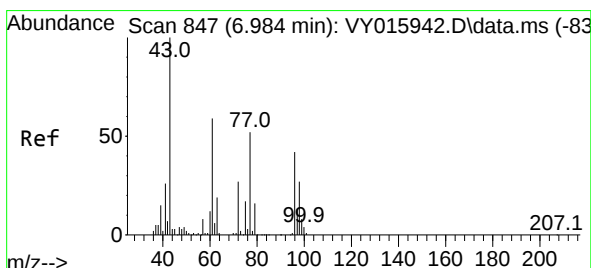
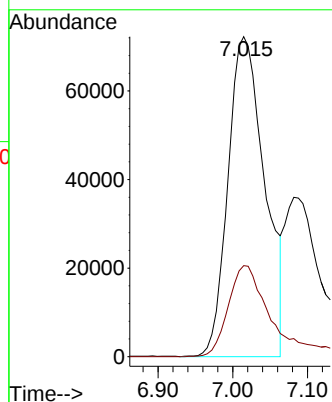
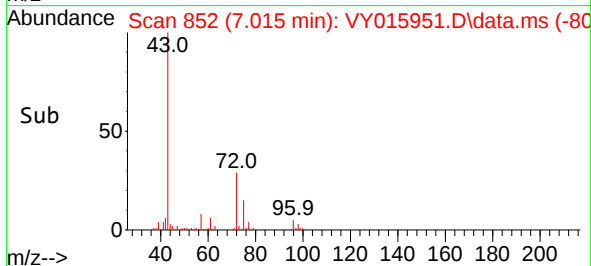
Instrument :
MSVOA_Y
ClientSampleId :
VY1013SBSD01



Tgt Ion: 43 Resp: 24738
Ion Ratio Lower Upper
43 100
72 28.5 20.5 30.7

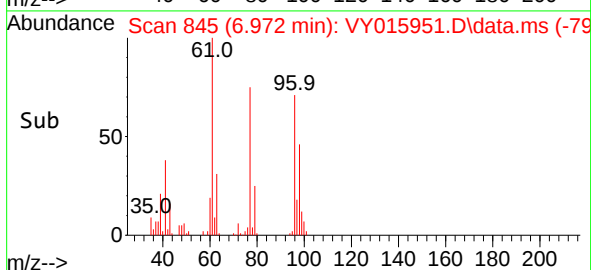
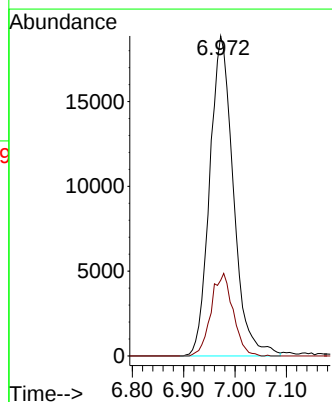
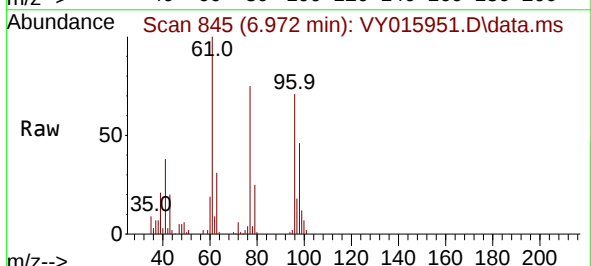
Manual Integrations
APPROVED

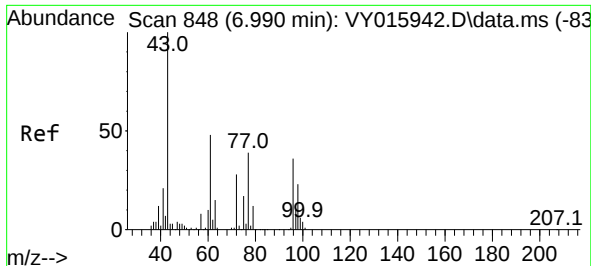
Reviewed By :Mahesh Dadoda 10/16/2023
Supervised By :Semsettin Yesilyurt 10/16/2023



#26
2,2-Dichloropropane
Concen: 17.188 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.012 min
Lab File: VY015951.D
Acq: 13 Oct 2023 12:12

Tgt Ion: 77 Resp: 60385
Ion Ratio Lower Upper
77 100
97 24.0 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 19.479 ug/l

RT: 6.978 min Scan# 84

Delta R.T. -0.012 min

Lab File: VY015951.D

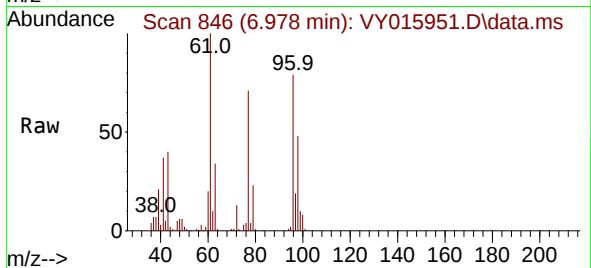
Acq: 13 Oct 2023 12:12

Instrument :

MSVOA_Y

ClientSampleId :

VY1013SBSD01



Tgt Ion: 96 Resp: 5425

Ion Ratio Lower Upper

96 100

61 132.8 0.0 301.4

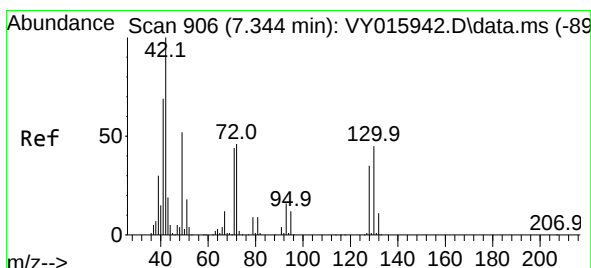
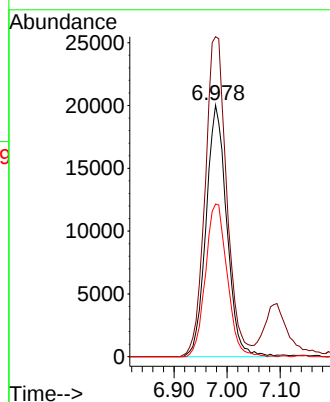
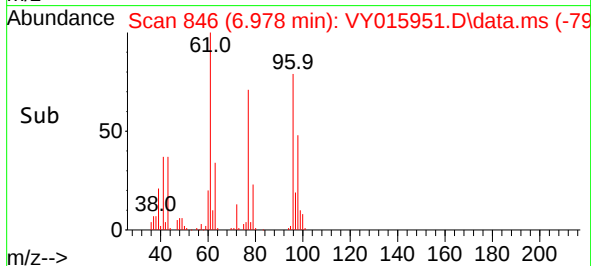
98 63.6 0.0 130.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/16/2023

Supervised By :Semsettin Yesilyurt 10/16/2023



#28

Bromochloromethane

Concen: 20.135 ug/l

RT: 7.332 min Scan# 904

Delta R.T. -0.012 min

Lab File: VY015951.D

Acq: 13 Oct 2023 12:12

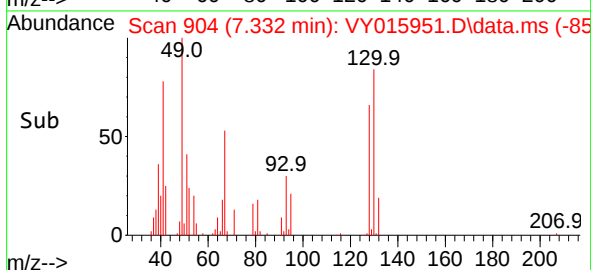
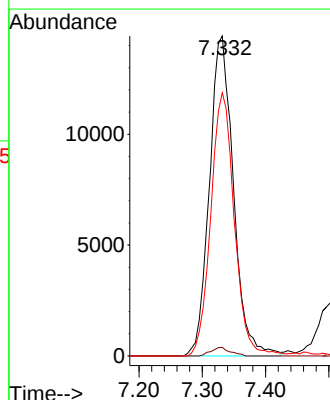
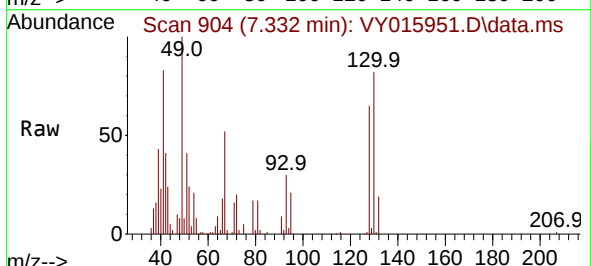
Tgt Ion: 49 Resp: 38015

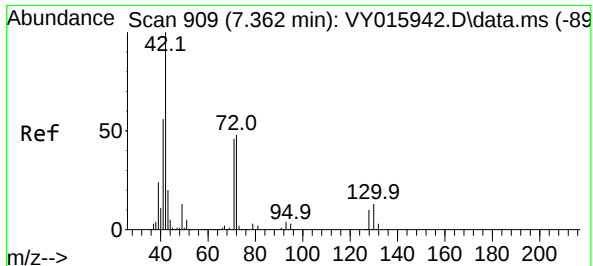
Ion Ratio Lower Upper

49 100

129 2.2 0.0 4.6

130 80.5 60.7 91.1





#29

Tetrahydrofuran

Concen: 121.987 ug/l

RT: 7.368 min Scan# 910

Delta R.T. 0.006 min

Lab File: VY015951.D

Acq: 13 Oct 2023 12:12

Instrument :

MSVOA_Y

ClientSampleId :

VY1013SBSD01

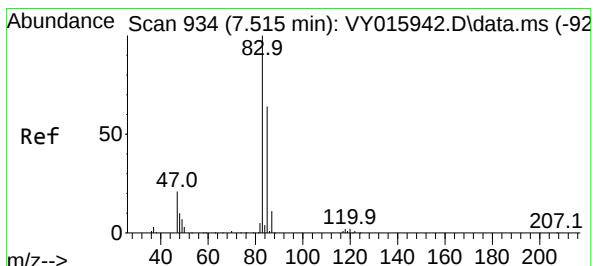
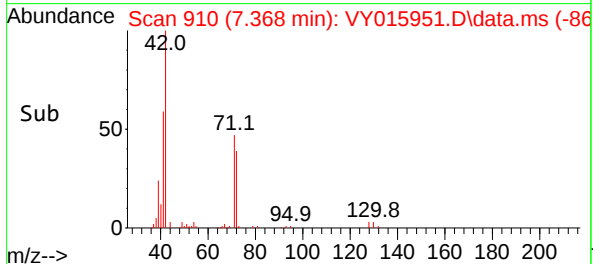
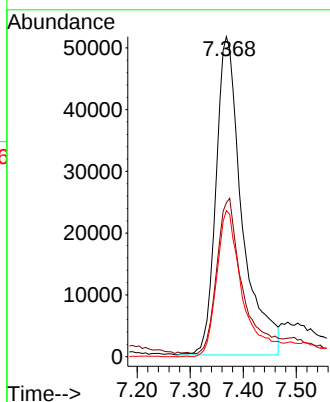
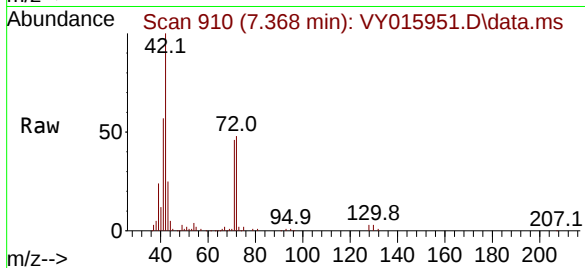
Tgt Ion: 42 Resp: 175809

Ion	Ratio	Lower	Upper
42	100		
72	48.5	32.8	49.2
71	46.3	31.0	46.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/16/2023
Supervised By :Semsettin Yesilyurt 10/16/2023



#30

Chloroform

Concen: 19.205 ug/l

RT: 7.502 min Scan# 932

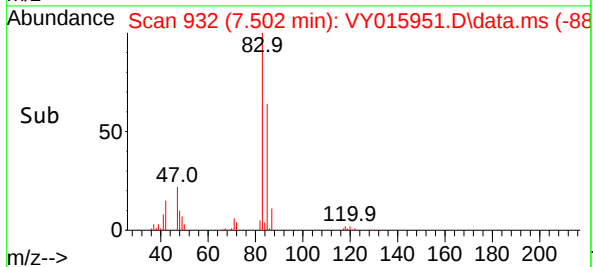
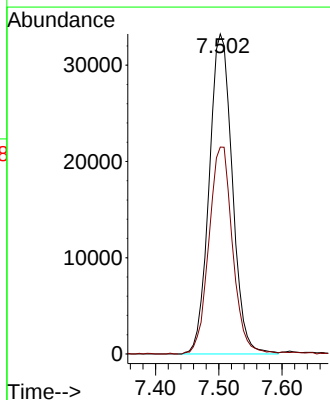
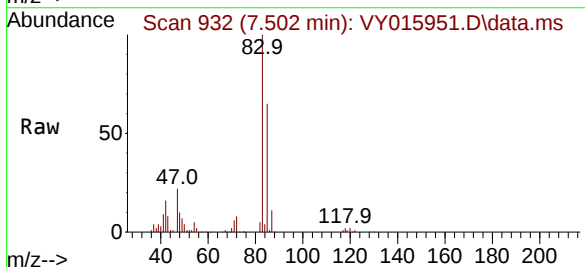
Delta R.T. -0.012 min

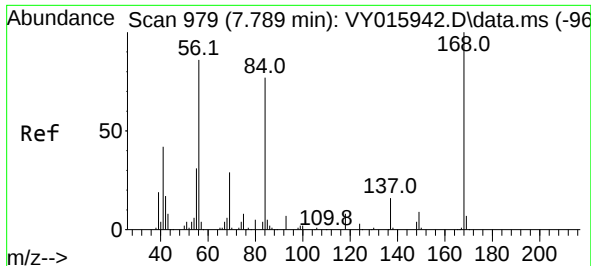
Lab File: VY015951.D

Acq: 13 Oct 2023 12:12

Tgt Ion: 83 Resp: 84335

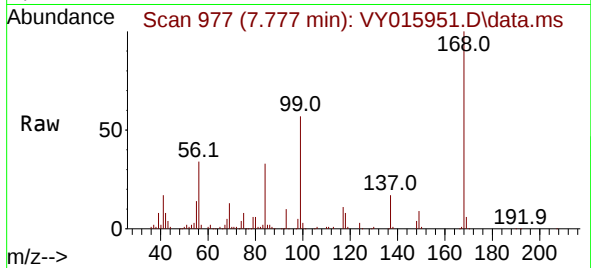
Ion	Ratio	Lower	Upper
83	100		
85	64.7	49.7	74.5





#31
Cyclohexane
Concen: 18.380 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY015951.D
Acq: 13 Oct 2023 12:12

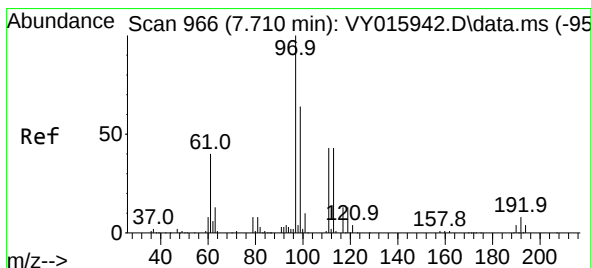
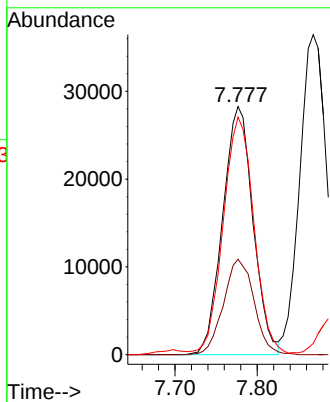
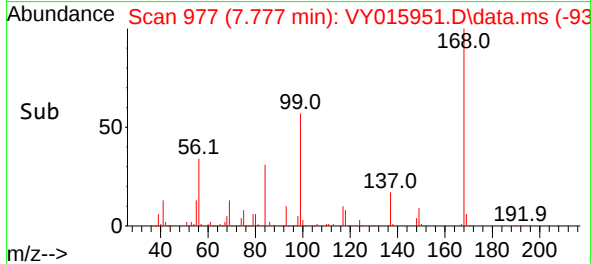
Instrument :
MSVOA_Y
ClientSampleId :
VY1013SBSD01



Tgt Ion: 56 Resp: 7276
Ion Ratio Lower Upper
56 100
69 38.4 27.8 41.6
84 94.1 66.4 99.6

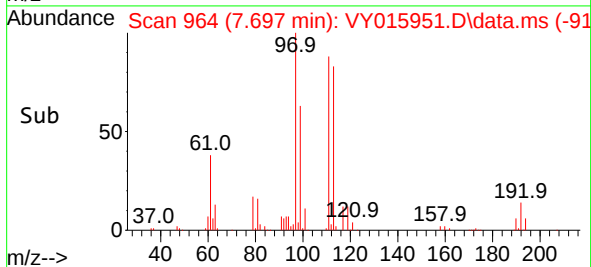
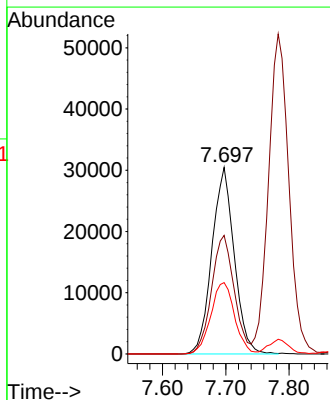
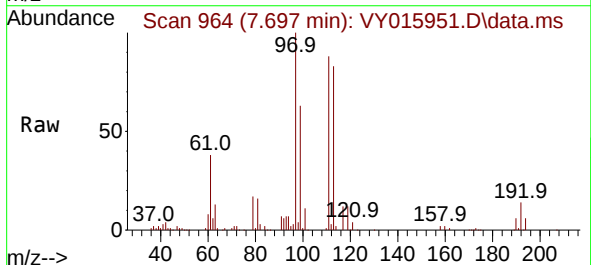
Manual Integrations
APPROVED

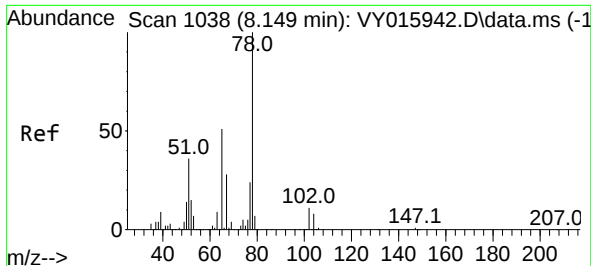
Reviewed By :Mahesh Dadoda 10/16/2023
Supervised By :Semsettin Yesilyurt 10/16/2023



#32
1,1,1-Trichloroethane
Concen: 19.101 ug/l
RT: 7.697 min Scan# 964
Delta R.T. -0.012 min
Lab File: VY015951.D
Acq: 13 Oct 2023 12:12

Tgt Ion: 97 Resp: 74598
Ion Ratio Lower Upper
97 100
99 64.7 50.8 76.2
61 40.7 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 50.159 ug/l

RT: 8.142 min Scan# 1038

Delta R.T. -0.006 min

Lab File: VY015951.D

Acq: 13 Oct 2023 12:12

Instrument :

MSVOA_Y

ClientSampleId :

VY1013SBS01

Tgt Ion: 65 Resp: 12473

Ion Ratio Lower Upper

65 100

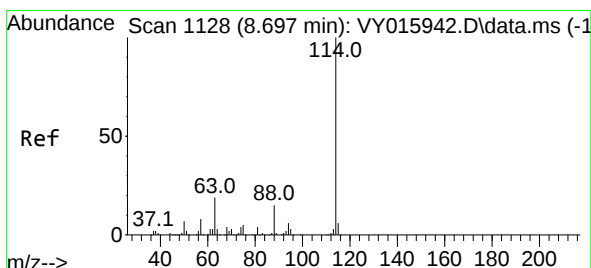
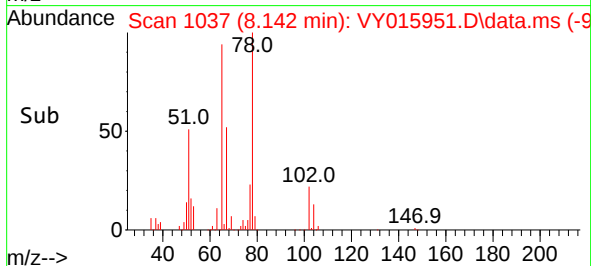
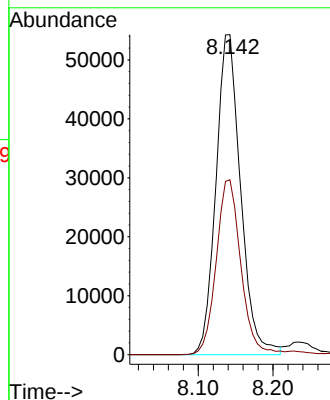
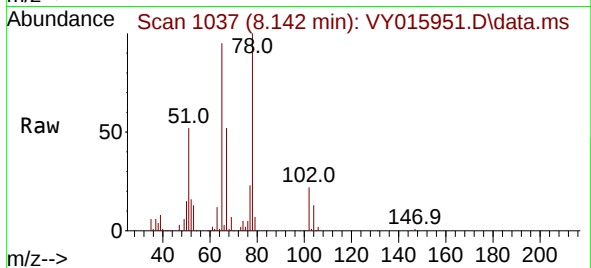
67 54.5 0.0 101.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/16/2023

Supervised By :Semsettin Yesilyurt 10/16/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.012 min

Lab File: VY015951.D

Acq: 13 Oct 2023 12:12

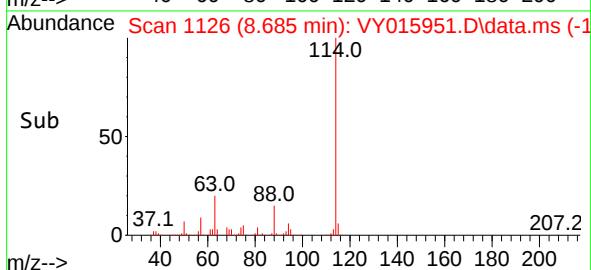
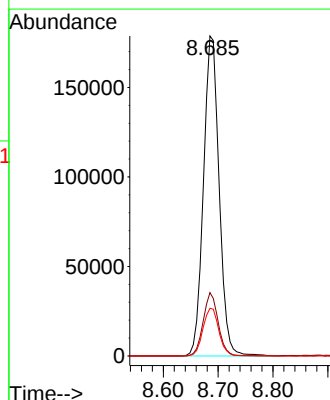
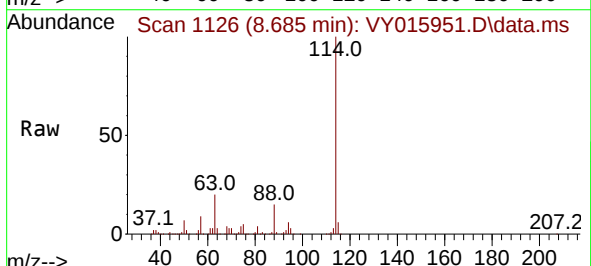
Tgt Ion:114 Resp: 354298

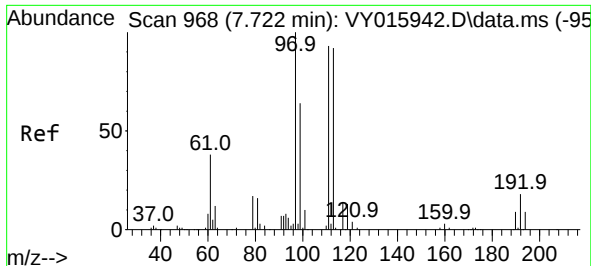
Ion Ratio Lower Upper

114 100

63 19.8 0.0 42.4

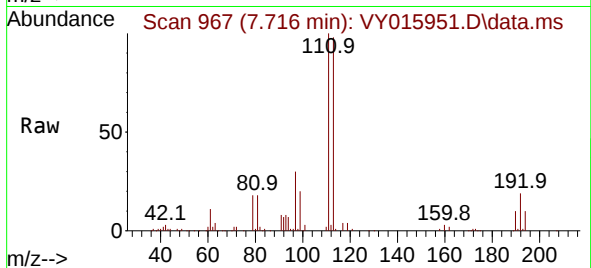
88 14.9 0.0 30.6





#35
Dibromofluoromethane
Concen: 49.727 ug/l
RT: 7.716 min Scan# 909
Delta R.T. -0.006 min
Lab File: VY015951.D
Acq: 13 Oct 2023 12:12

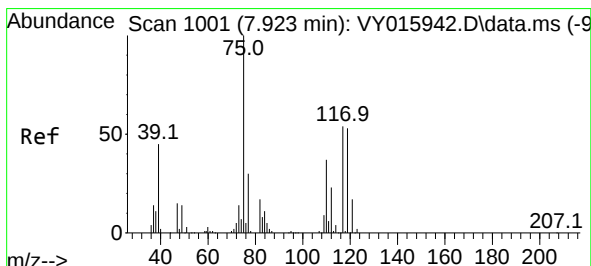
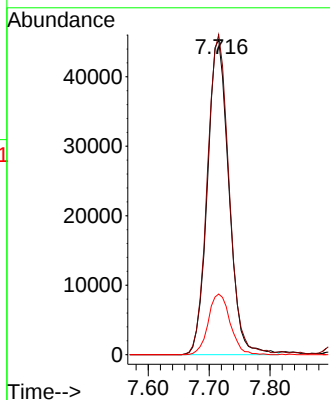
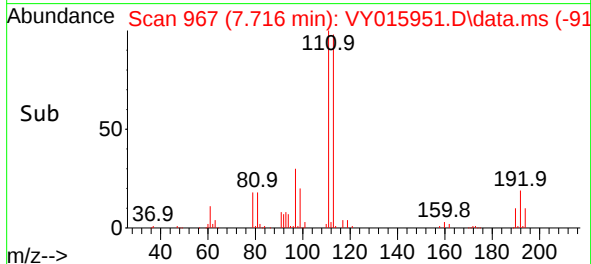
Instrument :
MSVOA_Y
ClientSampleId :
VY1013SBSD01



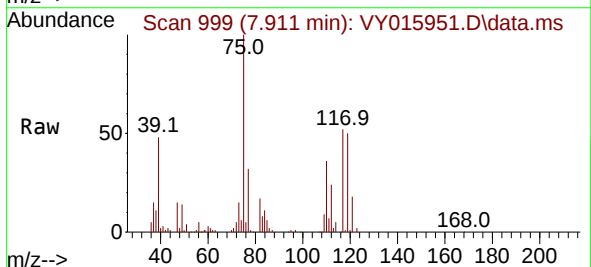
Tgt Ion: 113 Resp: 11091
Ion Ratio Lower Upper
113 100
111 102.7 81.3 121.9
192 19.7 16.9 25.3

Manual Integrations
APPROVED

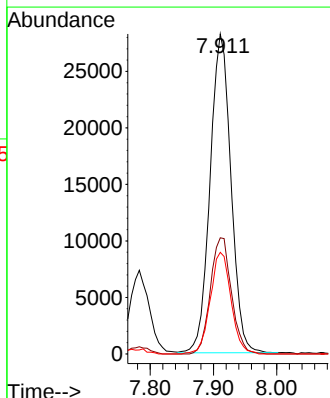
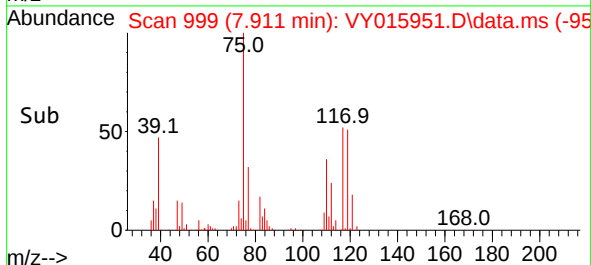
Reviewed By :Mahesh Dadoda 10/16/2023
Supervised By :Semsettin Yesilyurt 10/16/2023

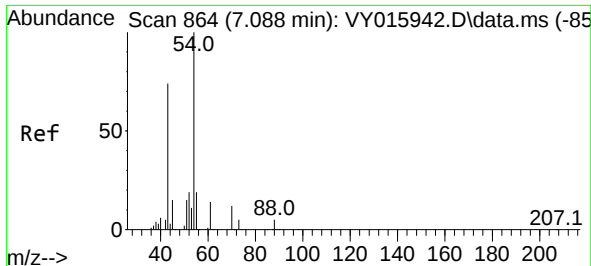


#36
1,1-Dichloropropene
Concen: 19.177 ug/l
RT: 7.911 min Scan# 999
Delta R.T. -0.012 min
Lab File: VY015951.D
Acq: 13 Oct 2023 12:12



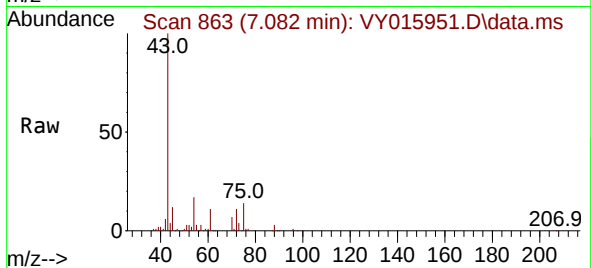
Tgt Ion: 75 Resp: 64542
Ion Ratio Lower Upper
75 100
110 36.7 17.8 53.5
77 31.7 24.4 36.6





#37
Ethyl Acetate
Concen: 26.606 ug/l
RT: 7.082 min Scan# 863
Delta R.T. -0.006 min
Lab File: VY015951.D
Acq: 13 Oct 2023 12:12

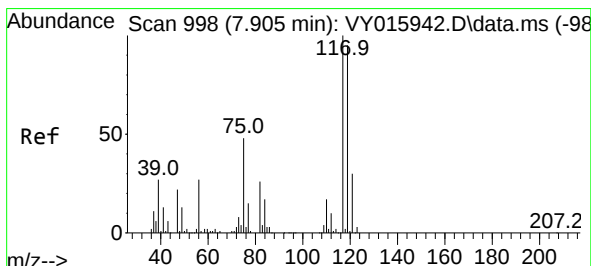
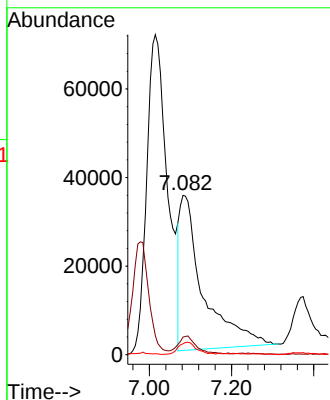
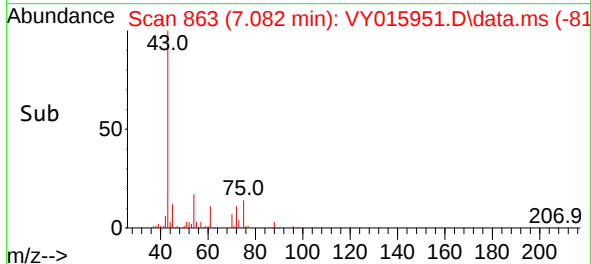
Instrument :
MSVOA_Y
ClientSampleId :
VY1013SBSD01



Tgt Ion: 43 Resp: 138160
Ion Ratio Lower Upper
43 100
61 8.9 10.1 15.1
70 6.0 7.1 10.7

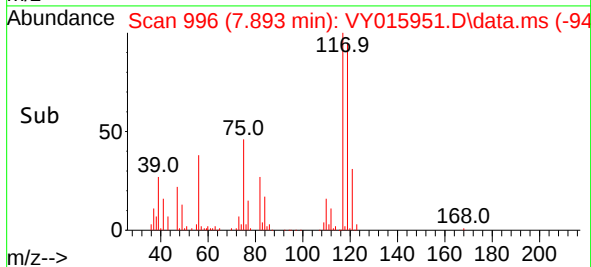
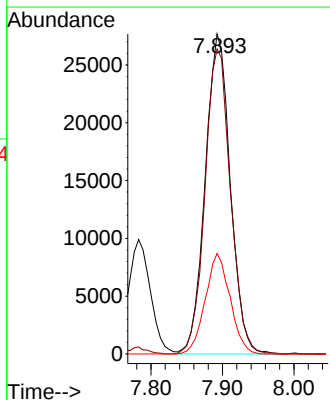
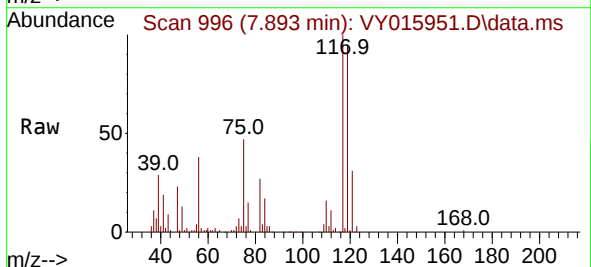
Manual Integrations
APPROVED

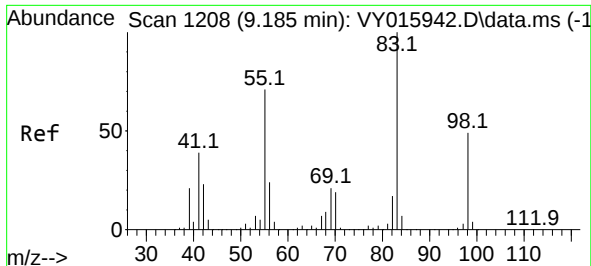
Reviewed By :Mahesh Dadoda 10/16/2023
Supervised By :Semsettin Yesilyurt 10/16/2023



#38
Carbon Tetrachloride
Concen: 19.039 ug/l
RT: 7.893 min Scan# 996
Delta R.T. -0.012 min
Lab File: VY015951.D
Acq: 13 Oct 2023 12:12

Tgt Ion:117 Resp: 67480
Ion Ratio Lower Upper
117 100
119 95.1 76.4 114.6
121 31.4 25.8 38.6





#39

Methylcyclohexane

Concen: 18.726 ug/l

RT: 9.179 min Scan# 1039

Delta R.T. -0.006 min

Lab File: VY015951.D

Acq: 13 Oct 2023 12:12

Instrument :

MSVOA_Y

ClientSampleId :

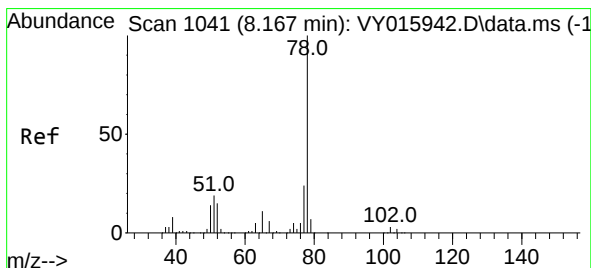
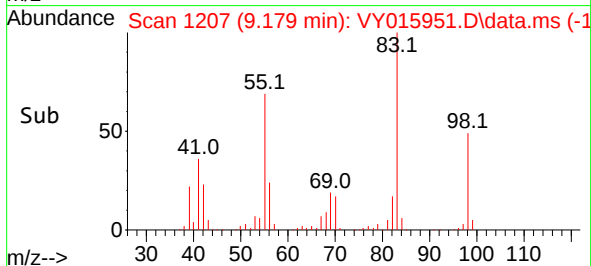
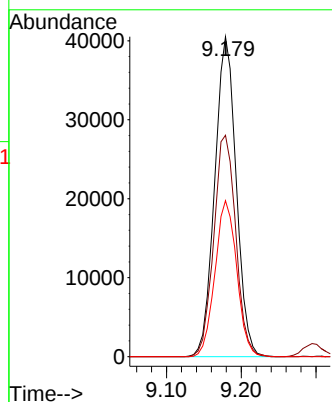
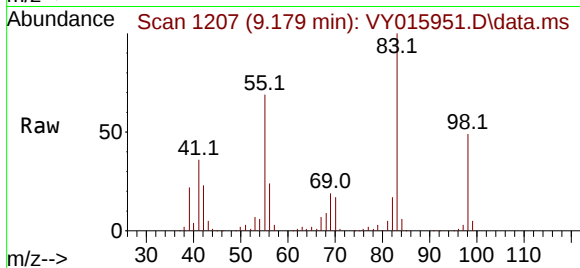
VY1013SBS01

Tgt Ion: 83	Resp: 8085
Ion Ratio	Lower Upper
83	100
55	69.2 63.0 94.4
98	48.7 37.4 56.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/16/2023
Supervised By :Semsettin Yesilyurt 10/16/2023



#40

Benzene

Concen: 19.328 ug/l

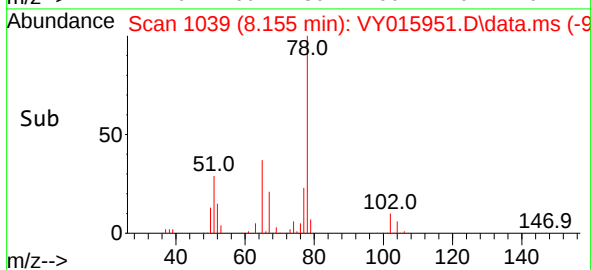
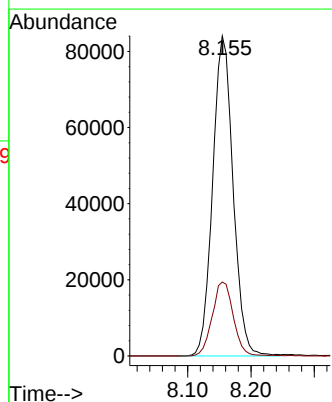
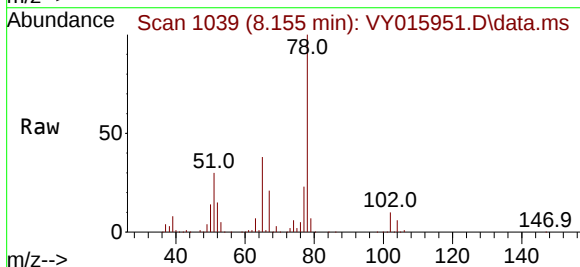
RT: 8.155 min Scan# 1039

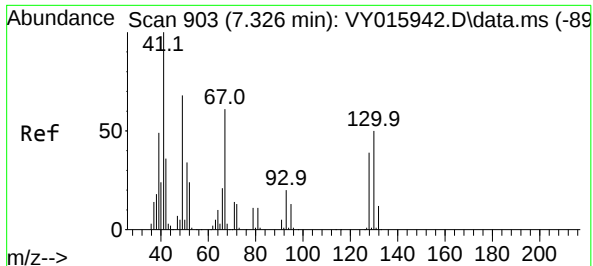
Delta R.T. -0.012 min

Lab File: VY015951.D

Acq: 13 Oct 2023 12:12

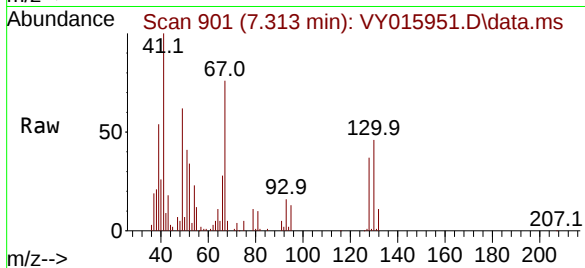
Tgt Ion: 78	Resp: 188210
Ion Ratio	Lower Upper
78	100
77	23.1 19.0 28.6





#41
Methacrylonitrile
Concen: 19.299 ug/l
RT: 7.313 min Scan# 903
Delta R.T. -0.012 min
Lab File: VY015951.D
Acq: 13 Oct 2023 12:12

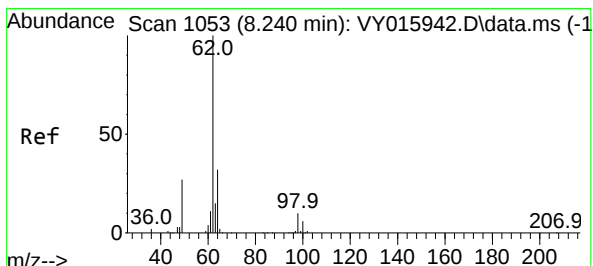
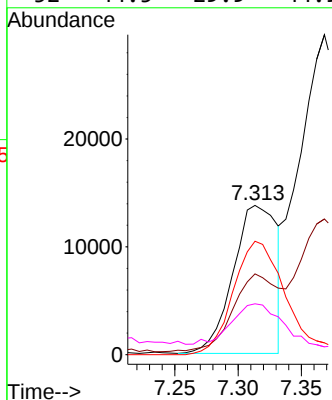
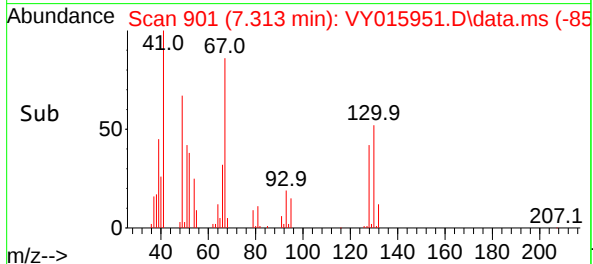
Instrument :
MSVOA_Y
ClientSampleId :
VY1013SBSD01



Tgt Ion: 41 Resp: 3304
Ion Ratio Lower Upper
41 100
39 57.9 52.1 78.1
67 96.2 66.2 99.2
52 44.5 29.9 44.9

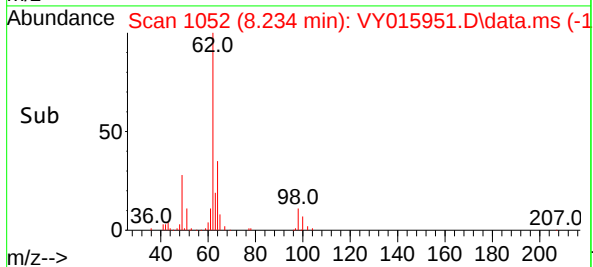
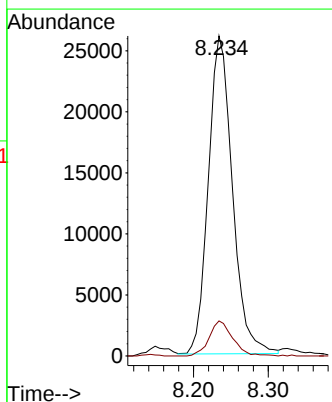
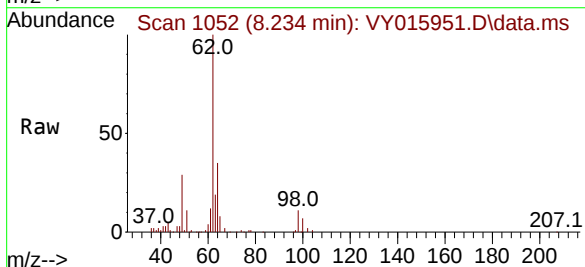
Manual Integrations
APPROVED

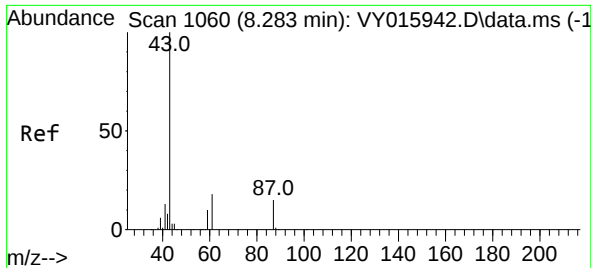
Reviewed By :Mahesh Dadoda 10/16/2023
Supervised By :Semsettin Yesilyurt 10/16/2023



#42
1,2-Dichloroethane
Concen: 18.689 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.006 min
Lab File: VY015951.D
Acq: 13 Oct 2023 12:12

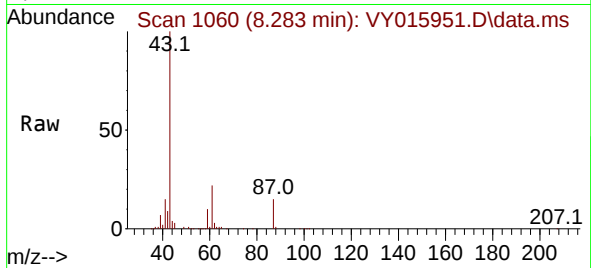
Tgt Ion: 62 Resp: 58395
Ion Ratio Lower Upper
62 100
98 10.8 0.0 15.8





#43
Isopropyl Acetate
Concen: 18.139 ug/l
RT: 8.283 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VY015951.D
Acq: 13 Oct 2023 12:12

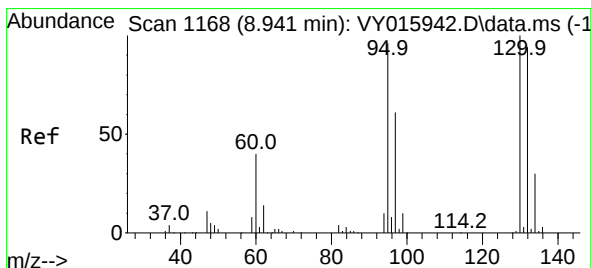
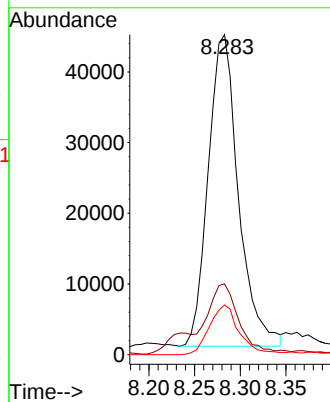
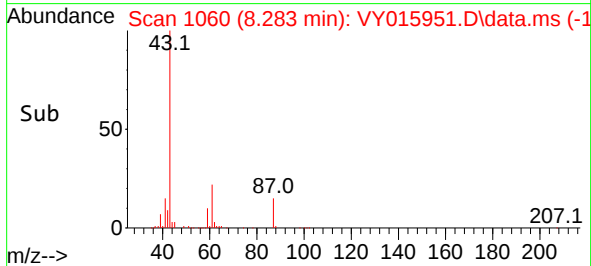
Instrument : MSVOA_Y
ClientSampleId : VY1013SBSD01



Tgt Ion: 43 Resp: 10119
Ion Ratio Lower Upper
43 100
61 22.3 21.1 31.7
87 15.8 9.8 14.8

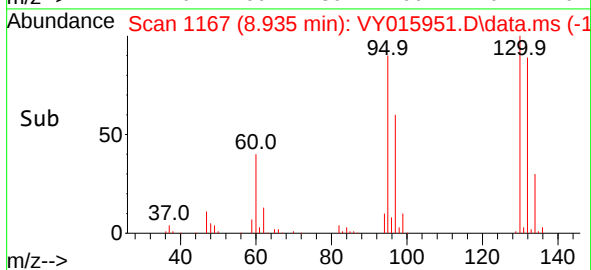
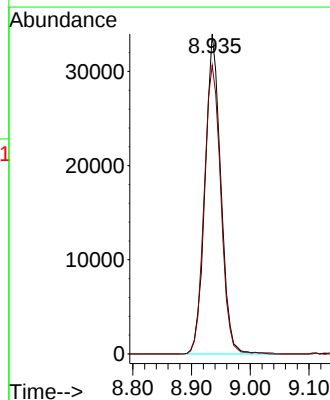
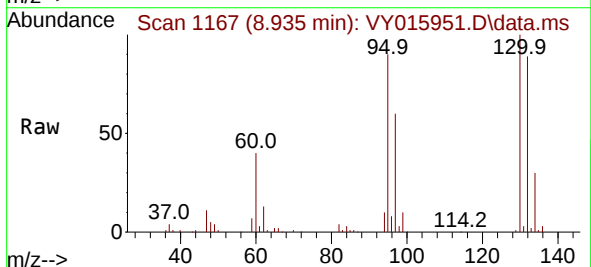
Manual Integrations
APPROVED

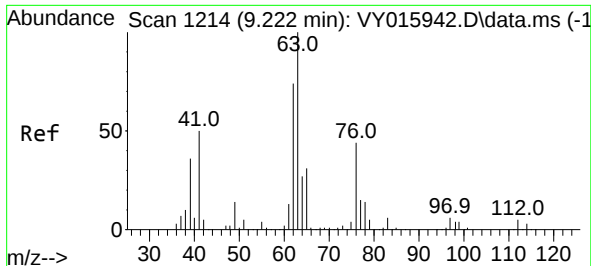
Reviewed By :Mahesh Dadoda 10/16/2023
Supervised By :Semsettin Yesilyurt 10/16/2023



#44
Trichloroethene
Concen: 21.044 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. -0.006 min
Lab File: VY015951.D
Acq: 13 Oct 2023 12:12

Tgt Ion:130 Resp: 63151
Ion Ratio Lower Upper
130 100
95 90.2 0.0 196.0





#45

1,2-Dichloropropane

Concen: 19.615 ug/l

RT: 9.215 min Scan# 1213

Delta R.T. -0.006 min

Lab File: VY015951.D

Acq: 13 Oct 2023 12:12

Instrument :

MSVOA_Y

ClientSampleId :

VY1013SBSD01

Tgt Ion: 63 Resp: 48740

Ion Ratio Lower Upper

63 100

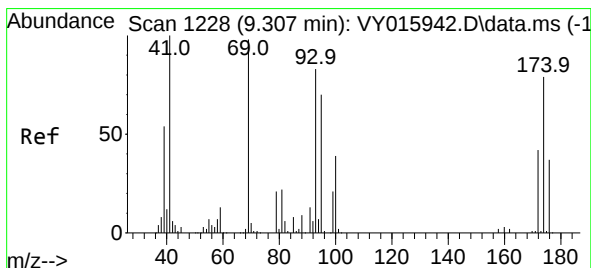
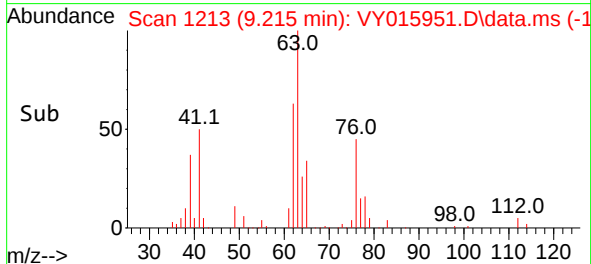
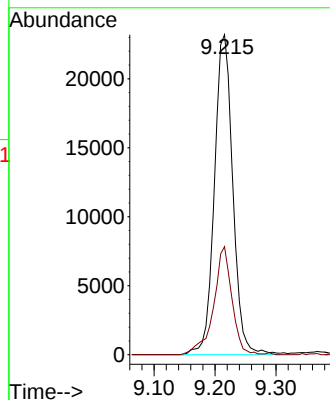
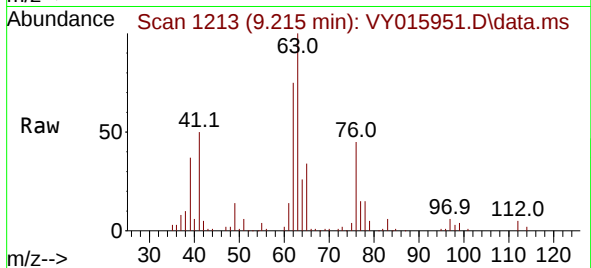
65 33.7 23.8 35.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/16/2023

Supervised By :Semsettin Yesilyurt 10/16/2023



#46

Dibromomethane

Concen: 20.016 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VY015951.D

Acq: 13 Oct 2023 12:12

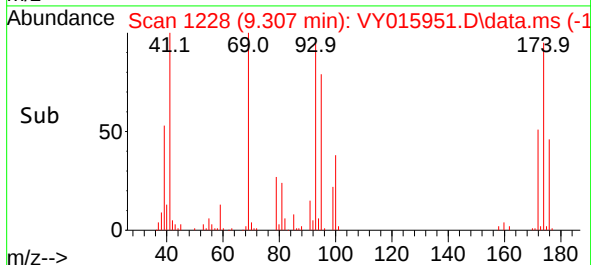
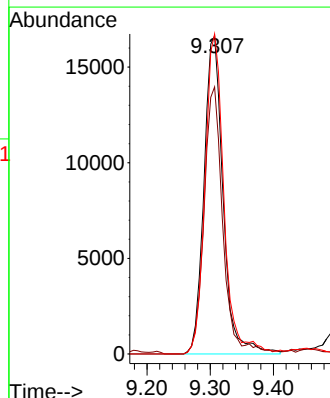
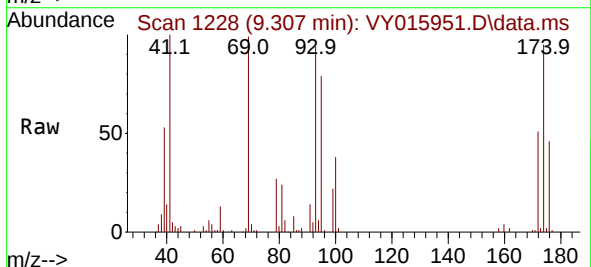
Tgt Ion: 93 Resp: 34959

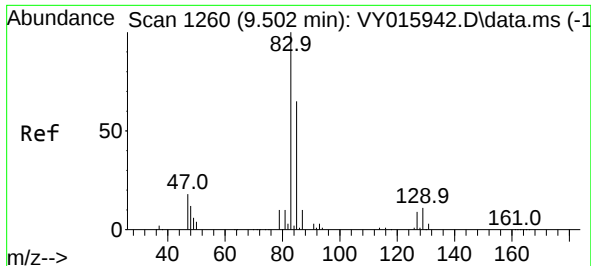
Ion Ratio Lower Upper

93 100

95 82.5 66.6 100.0

174 99.7 84.8 127.2





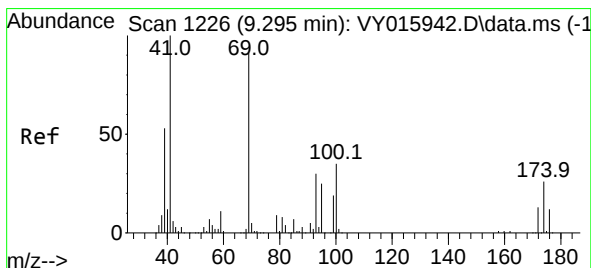
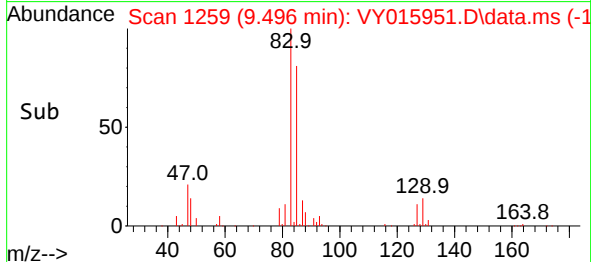
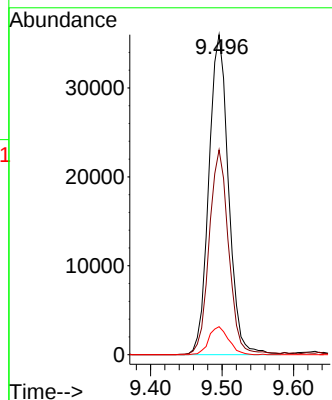
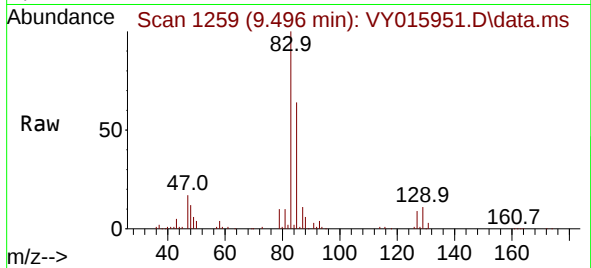
#47
Bromodichloromethane
Concen: 19.508 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.006 min
Lab File: VY015951.D
Acq: 13 Oct 2023 12:12

Instrument :
MSVOA_Y
ClientSampleId :
VY1013SBSD01

Tgt Ion: 83 Resp: 6880
Ion Ratio Lower Upper
83 100
85 63.8 50.1 75.1
127 8.8 7.1 10.7

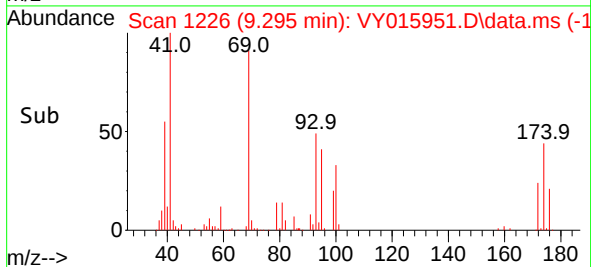
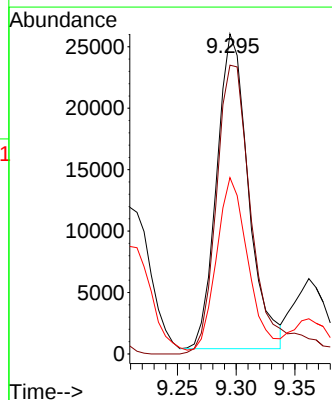
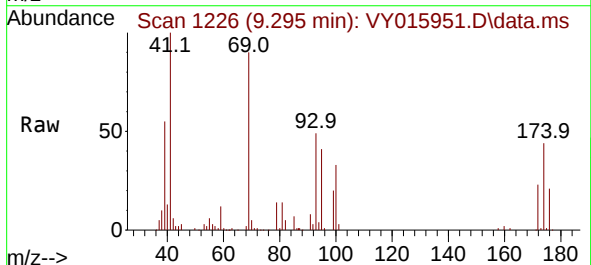
Manual Integrations
APPROVED

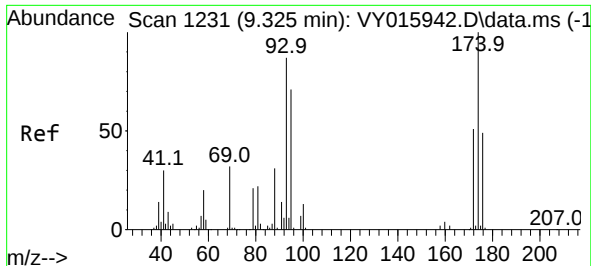
Reviewed By :Mahesh Dadoda 10/16/2023
Supervised By :Semsettin Yesilyurt 10/16/2023



#48
Methyl methacrylate
Concen: 19.551 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. -0.000 min
Lab File: VY015951.D
Acq: 13 Oct 2023 12:12

Tgt Ion: 41 Resp: 48178
Ion Ratio Lower Upper
41 100
69 105.2 64.5 96.7#
39 54.1 50.8 76.2





#49

1,4-Dioxane

Concen: 238.502 ug/l

RT: 9.374 min Scan# 1161

Delta R.T. 0.049 min

Lab File: VY015951.D

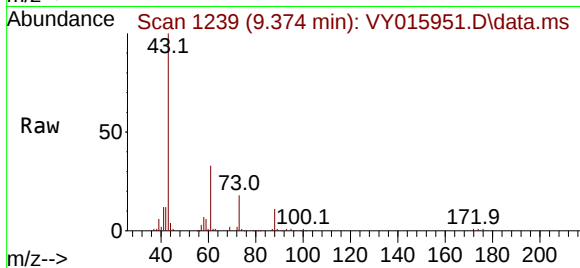
Acq: 13 Oct 2023 12:12

Instrument :

MSVOA_Y

ClientSampleId :

VY1013SBS01

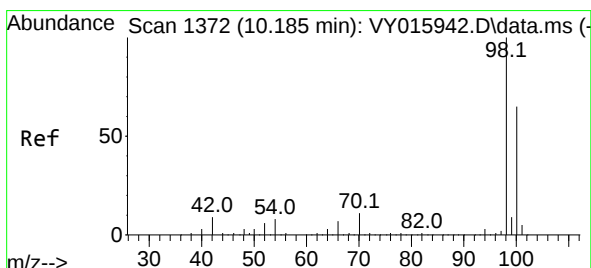
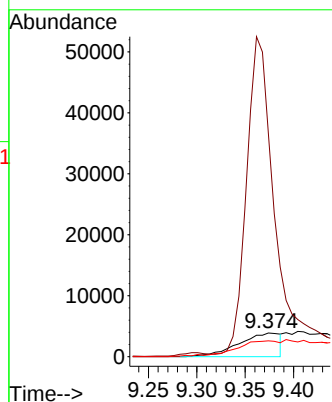
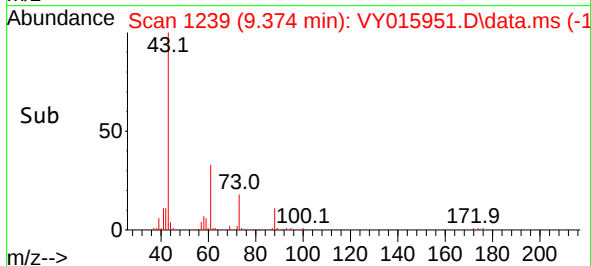


Tgt Ion:	88	Resp:	1161
Ion Ratio	Lower	Upper	
88	100		
43	947.0	0.0	0.0
58	71.7	30.9	46.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/16/2023
Supervised By :Semsettin Yesilyurt 10/16/2023



#50

Toluene-d8

Concen: 51.783 ug/l

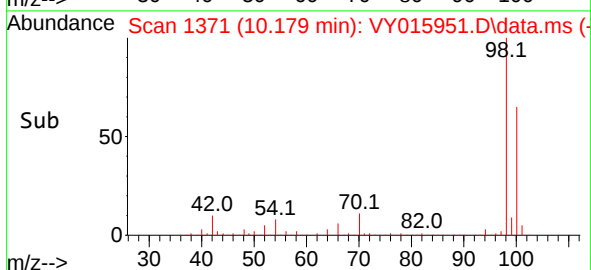
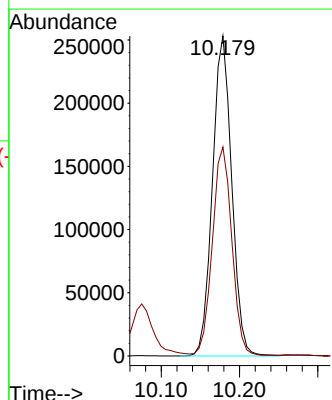
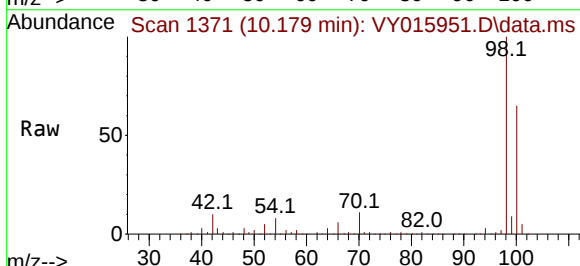
RT: 10.179 min Scan# 1371

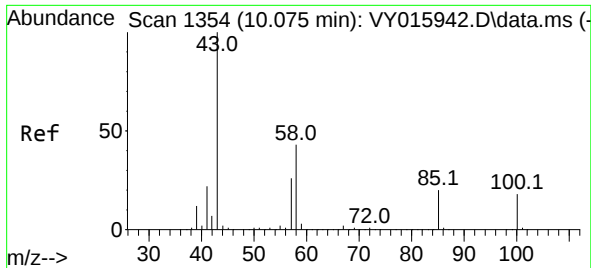
Delta R.T. -0.006 min

Lab File: VY015951.D

Acq: 13 Oct 2023 12:12

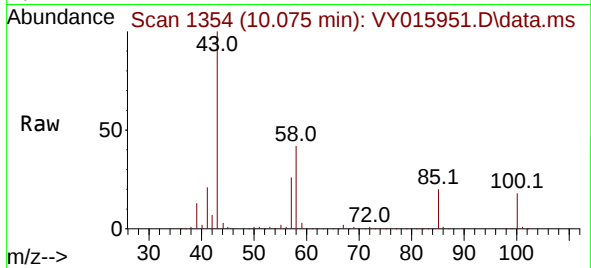
Tgt Ion:	98	Resp:	432547
Ion Ratio	Lower	Upper	
98	100		
100	65.8	50.1	75.1





#51
4-Methyl-2-Pentanone
Concen: 109.590 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. -0.000 min
Lab File: VY015951.D
Acq: 13 Oct 2023 12:12

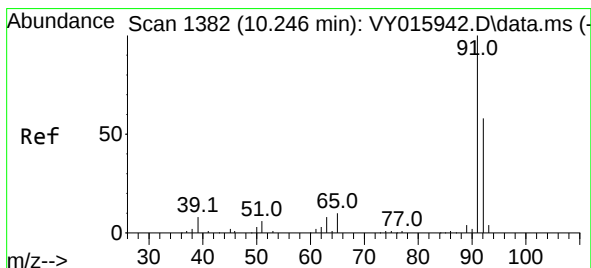
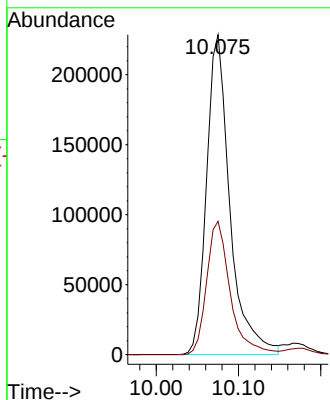
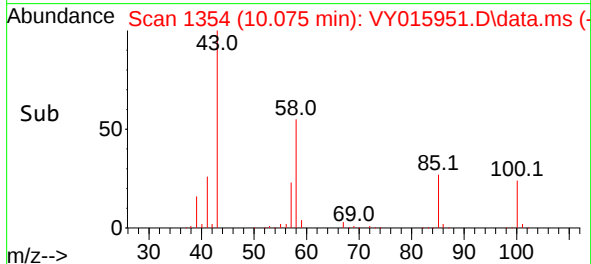
Instrument :
MSVOA_Y
ClientSampleId :
VY1013SBSD01



Tgt Ion: 43 Resp: 450562
Ion Ratio Lower Upper
43 100
58 42.4 29.0 43.6

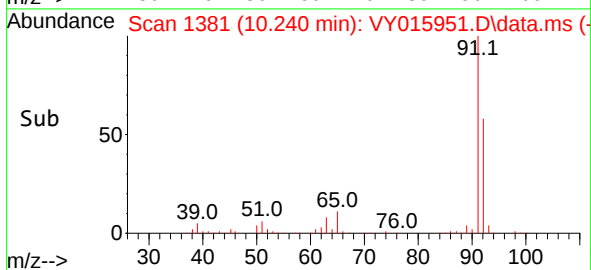
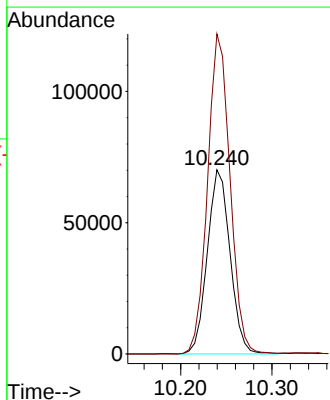
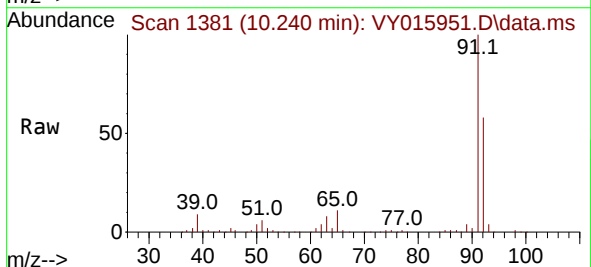
Manual Integrations
APPROVED

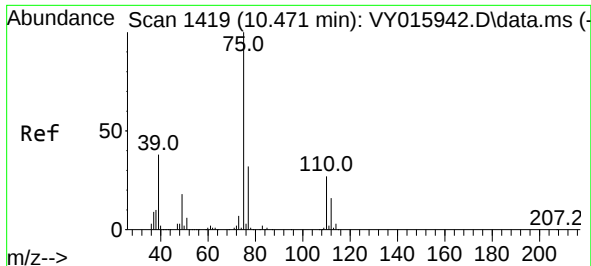
Reviewed By :Mahesh Dadoda 10/16/2023
Supervised By :Semsettin Yesilyurt 10/16/2023



#52
Toluene
Concen: 19.463 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.006 min
Lab File: VY015951.D
Acq: 13 Oct 2023 12:12

Tgt Ion: 92 Resp: 121174
Ion Ratio Lower Upper
92 100
91 171.7 143.8 215.6





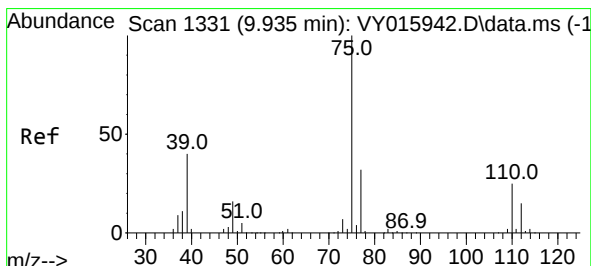
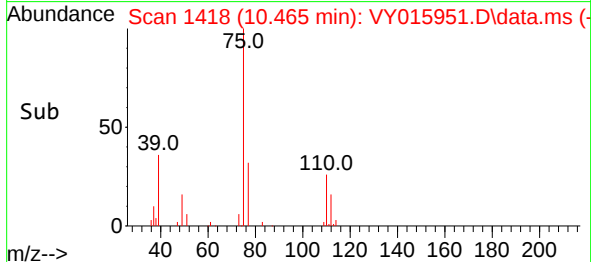
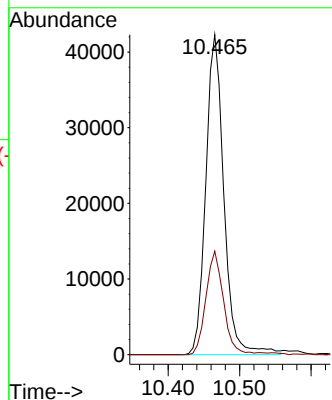
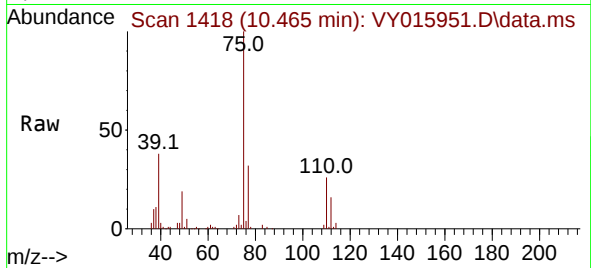
#53
t-1,3-Dichloropropene
Concen: 18.810 ug/l
RT: 10.465 min Scan# 1419
Delta R.T. -0.006 min
Lab File: VY015951.D
Acq: 13 Oct 2023 12:12

Instrument :
MSVOA_Y
ClientSampleId :
VY1013SBSD01

Tgt Ion: 75 Resp: 74384
Ion Ratio Lower Upper
75 100
77 32.3 25.0 37.4

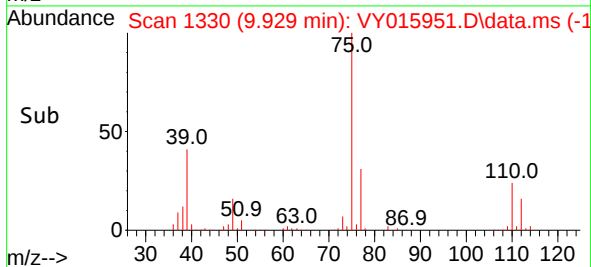
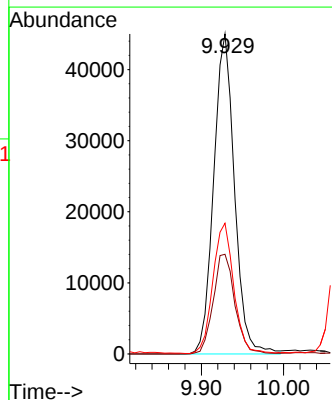
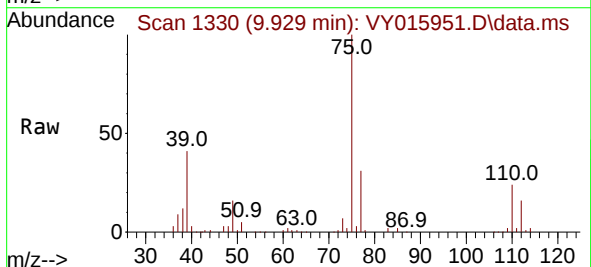
Manual Integrations
APPROVED

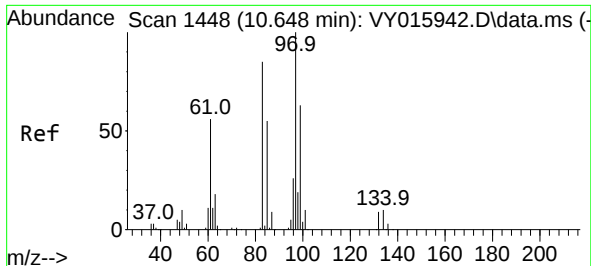
Reviewed By :Mahesh Dadoda 10/16/2023
Supervised By :Semsettin Yesilyurt 10/16/2023



#54
cis-1,3-Dichloropropene
Concen: 18.621 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. -0.006 min
Lab File: VY015951.D
Acq: 13 Oct 2023 12:12

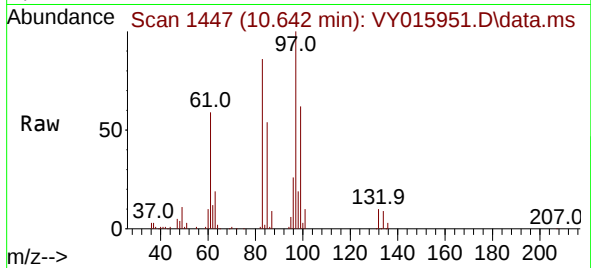
Tgt Ion: 75 Resp: 79157
Ion Ratio Lower Upper
75 100
77 31.1 24.2 36.4
39 40.6 42.2 63.4#





#55
1,1,2-Trichloroethane
Concen: 19.731 ug/l
RT: 10.642 min Scan# 1448
Delta R.T. -0.006 min
Lab File: VY015951.D
Acq: 13 Oct 2023 12:12

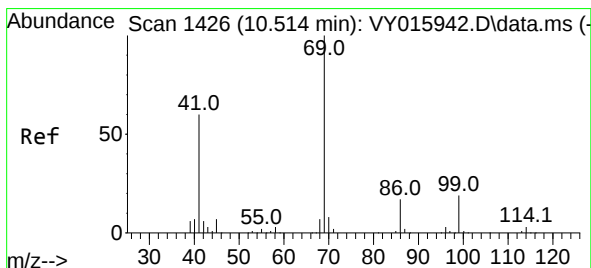
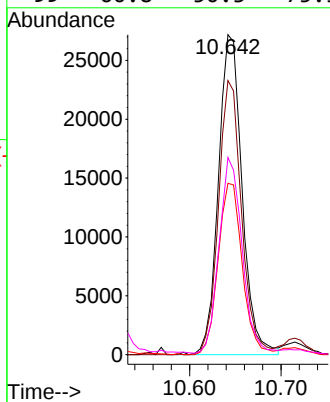
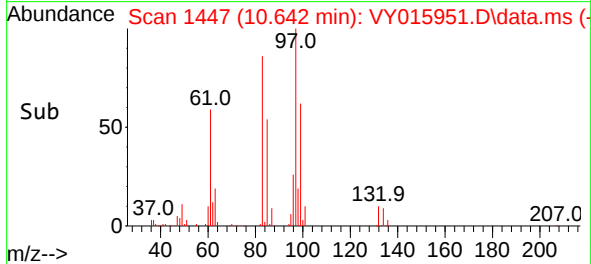
Instrument :
MSVOA_Y
ClientSampleId :
VY1013SBSD01



Tgt Ion	Ratio	Lower	Upper
97	100		
83	85.4	72.0	108.0
85	53.3	45.4	68.0
99	60.8	50.3	75.5

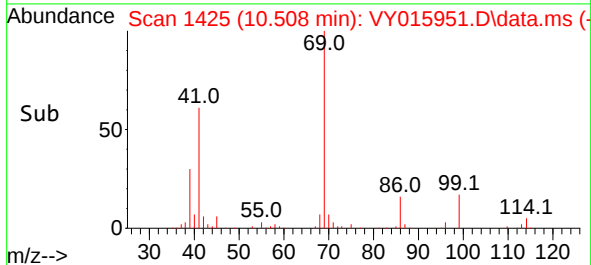
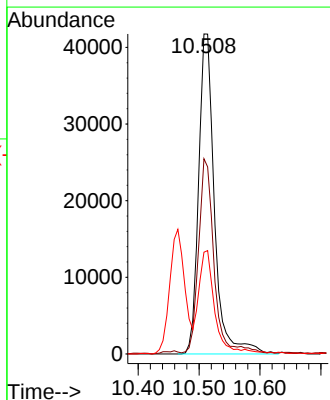
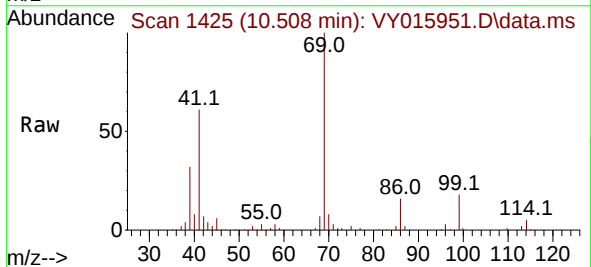
Manual Integrations
APPROVED

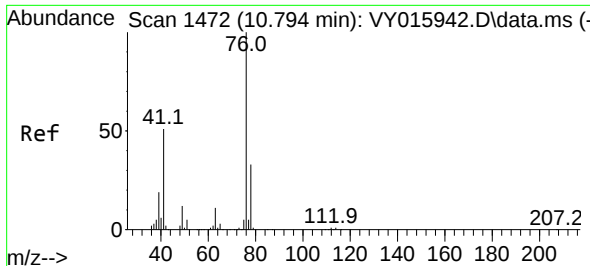
Reviewed By :Mahesh Dadoda 10/16/2023
Supervised By :Semsettin Yesilyurt 10/16/2023



#56
Ethyl methacrylate
Concen: 19.409 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.006 min
Lab File: VY015951.D
Acq: 13 Oct 2023 12:12

Tgt Ion	Ratio	Lower	Upper
69	100		
41	58.5	57.6	86.4
39	32.1	34.1	51.1





#57

1,3-Dichloropropane

Concen: 19.061 ug/l

RT: 10.788 min Scan# 1472

Delta R.T. -0.006 min

Lab File: VY015951.D

Acq: 13 Oct 2023 12:12

Instrument :

MSVOA_Y

ClientSampleId :

VY1013SBSD01

Tgt Ion: 76 Resp: 80408

Ion Ratio Lower Upper

76 100

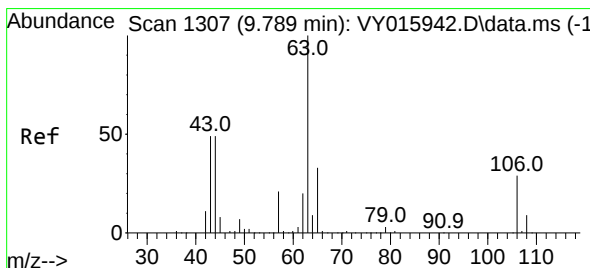
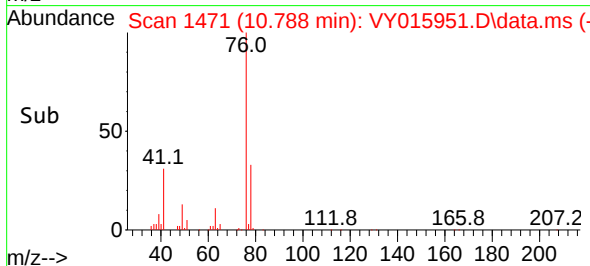
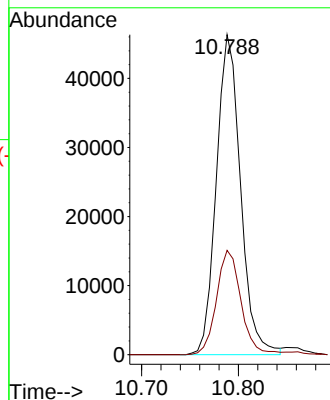
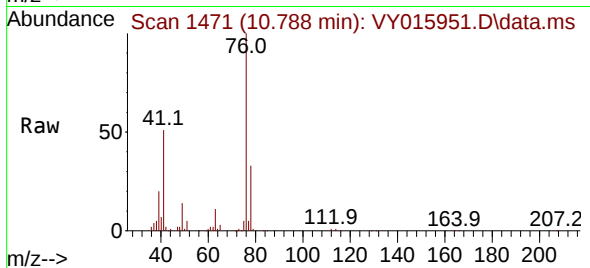
78 33.6 25.3 37.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/16/2023

Supervised By :Semsettin Yesilyurt 10/16/2023



#58

2-Chloroethyl Vinyl ether

Concen: 121.580 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. -0.006 min

Lab File: VY015951.D

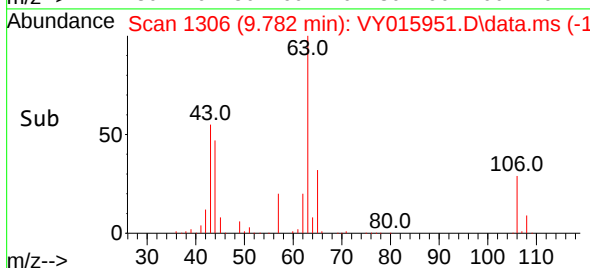
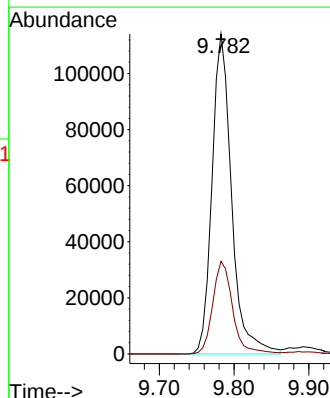
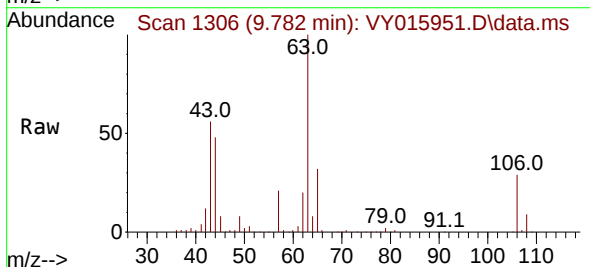
Acq: 13 Oct 2023 12:12

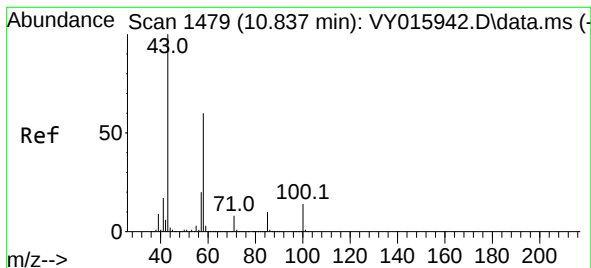
Tgt Ion: 63 Resp: 207690

Ion Ratio Lower Upper

63 100

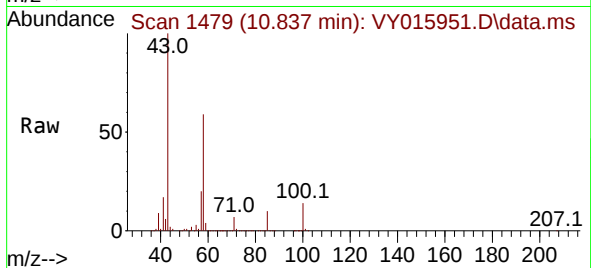
106 29.4 21.2 31.8





#59
2-Hexanone
Concen: 119.103 ug/l
RT: 10.837 min Scan# 1479
Delta R.T. -0.000 min
Lab File: VY015951.D
Acq: 13 Oct 2023 12:12

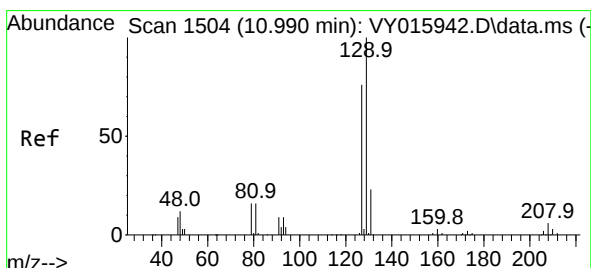
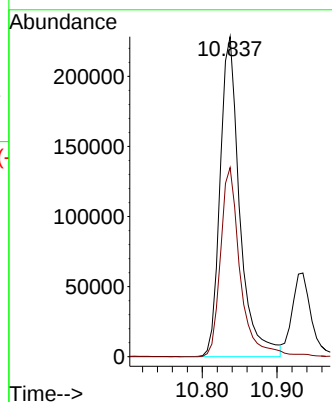
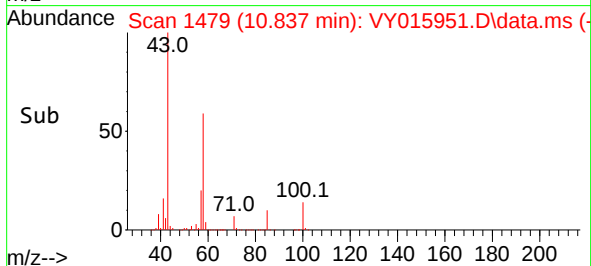
Instrument :
MSVOA_Y
ClientSampleId :
VY1013SBSD01



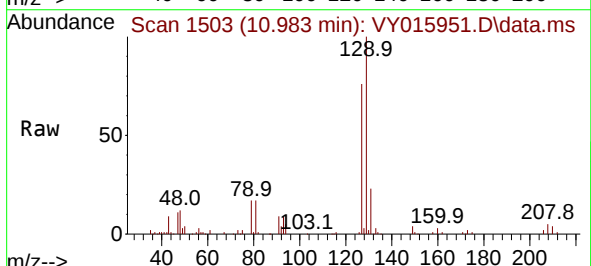
Tgt Ion: 43 Resp: 417993
Ion Ratio Lower Upper
43 100
58 59.6 25.1 75.3

Manual Integrations
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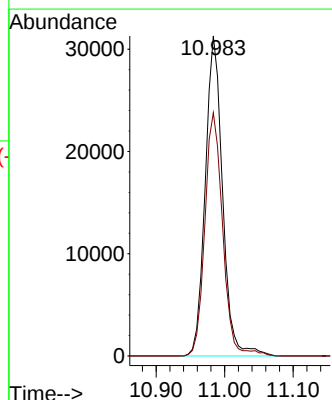
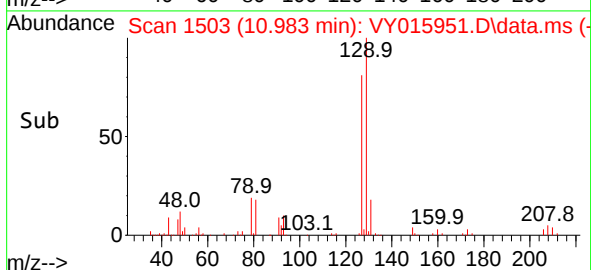
Reviewed By :Mahesh Dadoda 10/16/2023
Supervised By :Semsettin Yesilyurt 10/16/2023

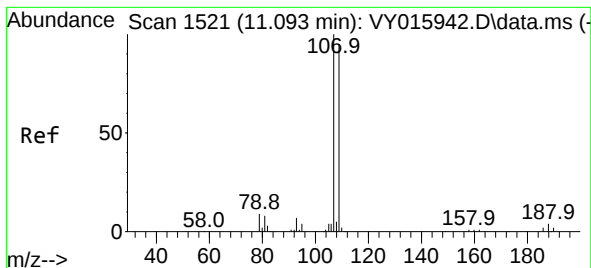


#60
Dibromochloromethane
Concen: 19.472 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. -0.006 min
Lab File: VY015951.D
Acq: 13 Oct 2023 12:12



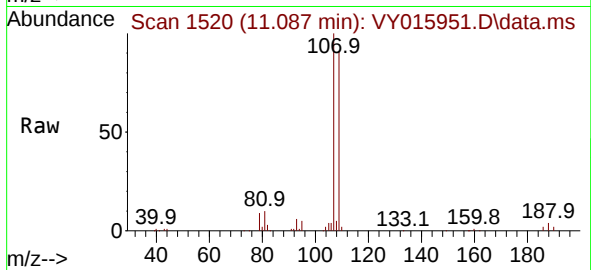
Tgt Ion:129 Resp: 55062
Ion Ratio Lower Upper
129 100
127 78.1 38.5 115.5





#61
1,2-Dibromoethane
Concen: 20.221 ug/l
RT: 11.087 min Scan# 1107
Delta R.T. -0.006 min
Lab File: VY015951.D
Acq: 13 Oct 2023 12:12

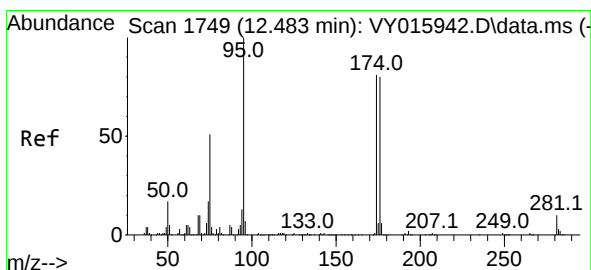
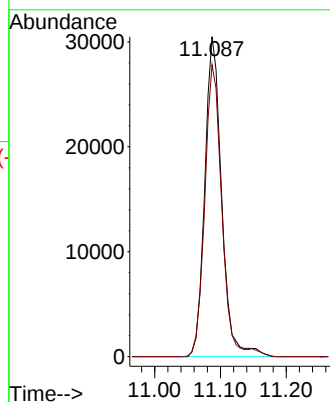
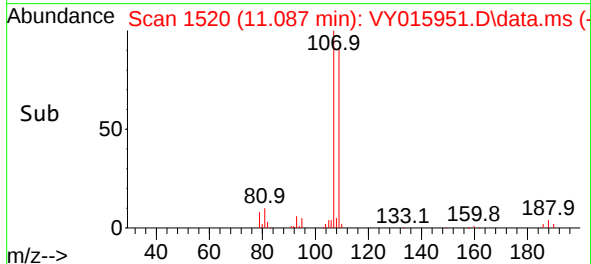
Instrument :
MSVOA_Y
ClientSampleId :
VY1013SBSD01



Tgt Ion:107 Resp: 54408
Ion Ratio Lower Upper
107 100
109 92.7 75.6 113.4

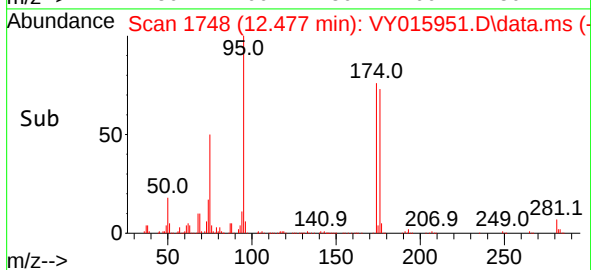
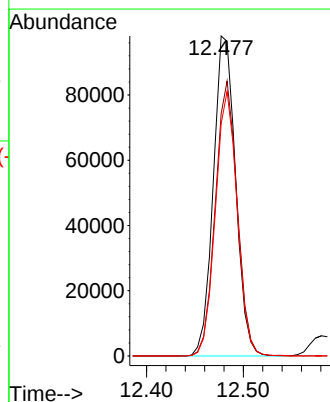
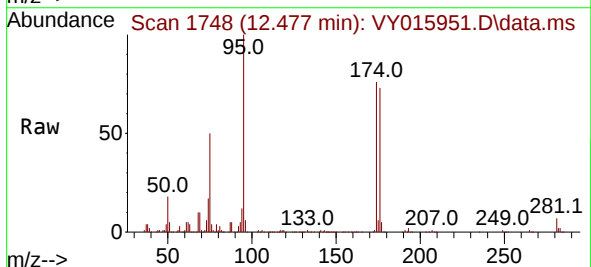
Manual Integrations
APPROVED

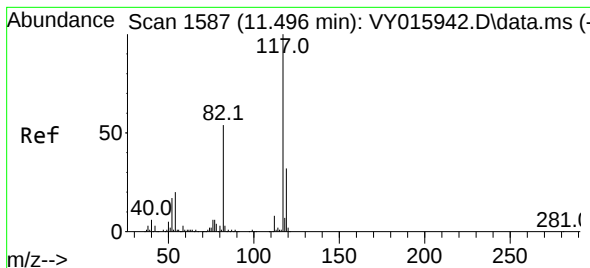
Reviewed By :Mahesh Dadoda 10/16/2023
Supervised By :Semsettin Yesilyurt 10/16/2023



#62
4-Bromofluorobenzene
Concen: 52.711 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY015951.D
Acq: 13 Oct 2023 12:12

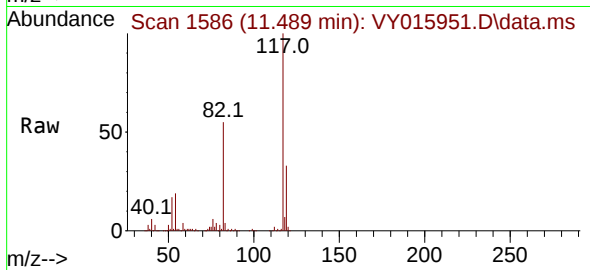
Tgt Ion: 95 Resp: 156782
Ion Ratio Lower Upper
95 100
174 84.4 0.0 178.2
176 80.8 0.0 173.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY015951.D
Acq: 13 Oct 2023 12:12

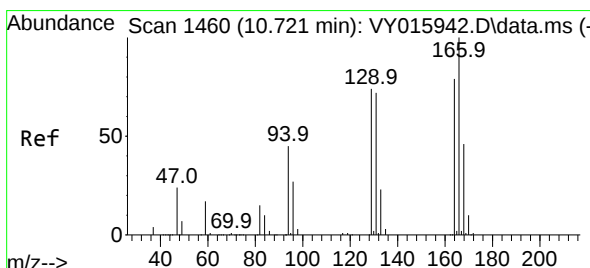
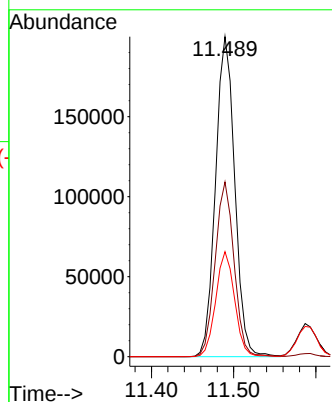
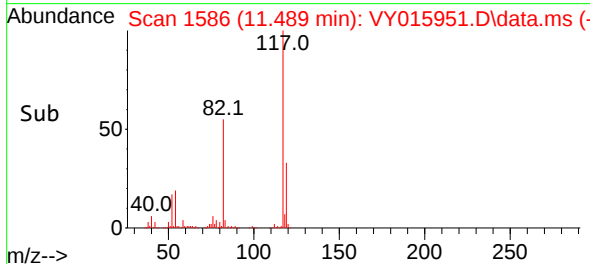
Instrument :
MSVOA_Y
ClientSampleId :
VY1013SBSD01



Tgt Ion:117 Resp: 32554
Ion Ratio Lower Upper
117 100
82 54.6 43.4 65.0
119 32.8 26.3 39.5

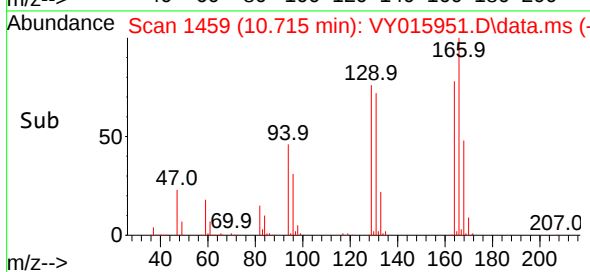
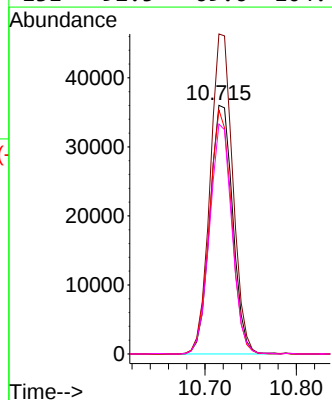
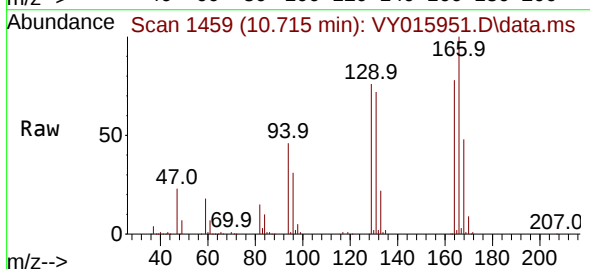
Manual Integrations
APPROVED

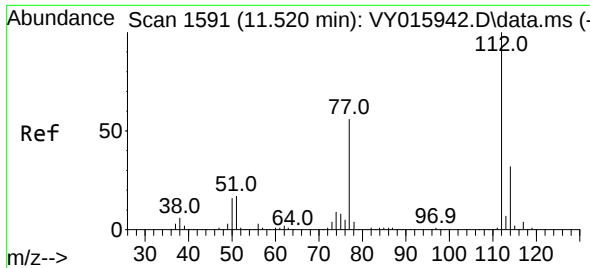
Reviewed By :Mahesh Dadoda 10/16/2023
Supervised By :Semsettin Yesilyurt 10/16/2023



#64
Tetrachloroethene
Concen: 22.119 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. -0.006 min
Lab File: VY015951.D
Acq: 13 Oct 2023 12:12

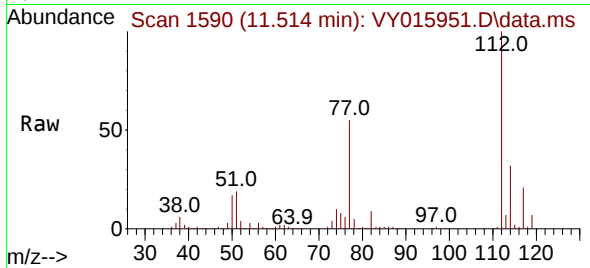
Tgt Ion:164 Resp: 62772
Ion Ratio Lower Upper
164 100
166 128.7 103.0 154.6
129 98.1 77.2 115.8
131 92.5 69.6 104.4





#65
Chlorobenzene
Concen: 19.723 ug/l
RT: 11.514 min Scan# 1150
Delta R.T. -0.006 min
Lab File: VY015951.D
Acq: 13 Oct 2023 12:12

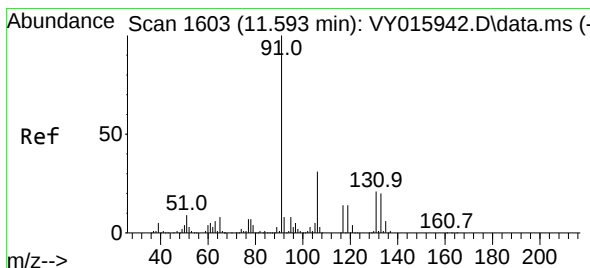
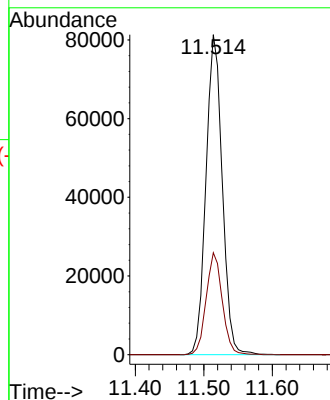
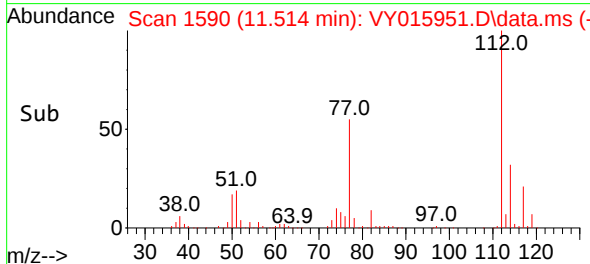
Instrument :
MSVOA_Y
ClientSampleId :
VY1013SBSD01



Tgt Ion:112 Resp: 134528
Ion Ratio Lower Upper
112 100
114 31.9 25.5 38.3

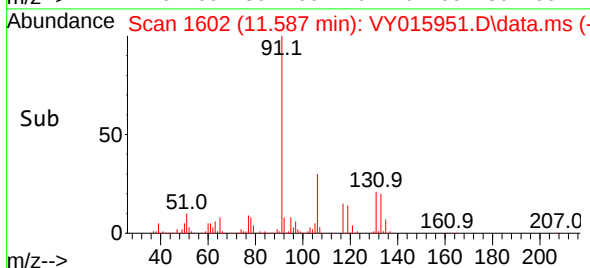
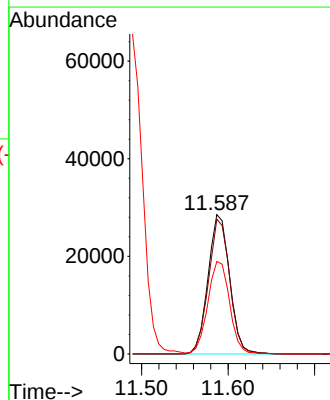
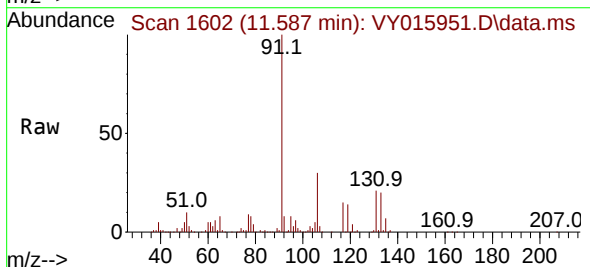
Manual Integrations
APPROVED

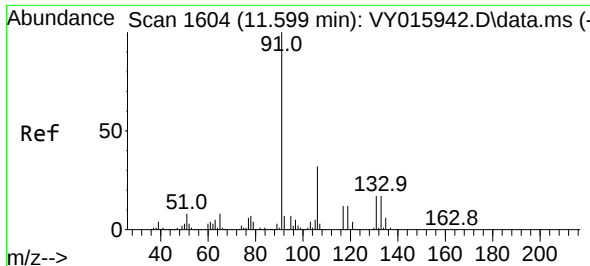
Reviewed By :Mahesh Dadoda 10/16/2023
Supervised By :Semsettin Yesilyurt 10/16/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 19.540 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.006 min
Lab File: VY015951.D
Acq: 13 Oct 2023 12:12

Tgt Ion:131 Resp: 49338
Ion Ratio Lower Upper
131 100
133 95.8 47.5 142.6
119 67.4 31.6 94.7





#67

Ethyl Benzene

Concen: 19.600 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. -0.006 min

Lab File: VY015951.D

Acq: 13 Oct 2023 12:12

Instrument :

MSVOA_Y

ClientSampleId :

VY1013SBS01

Tgt Ion: 91 Resp: 23377

Ion Ratio Lower Upper

91 100

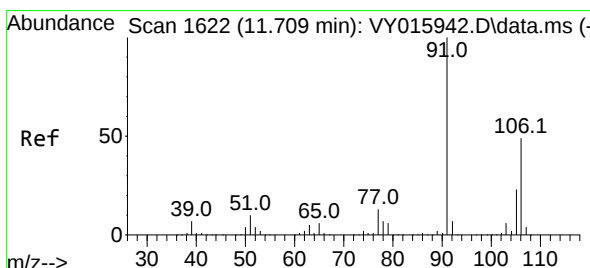
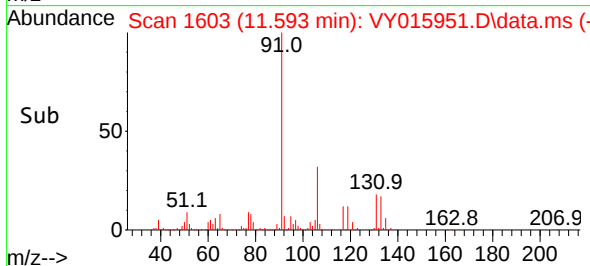
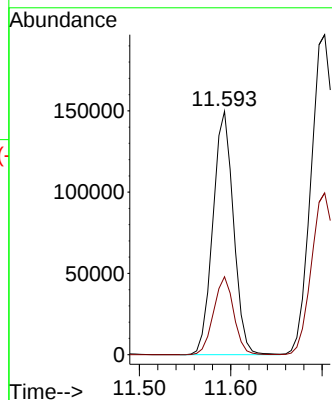
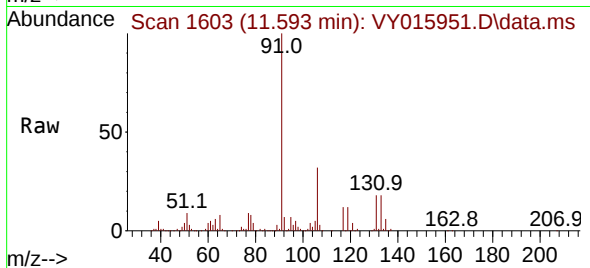
106 32.0 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/16/2023

Supervised By :Semsettin Yesilyurt 10/16/2023



#68

m/p-Xylenes

Concen: 39.758 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.006 min

Lab File: VY015951.D

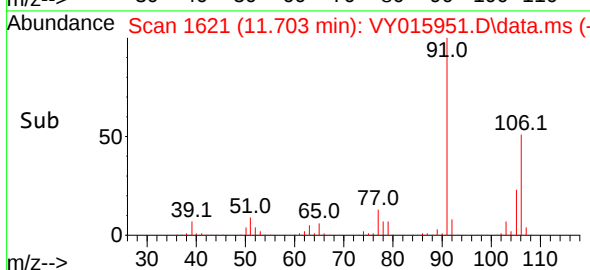
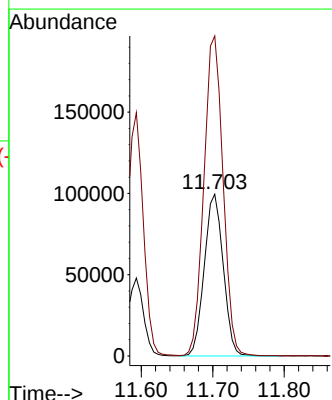
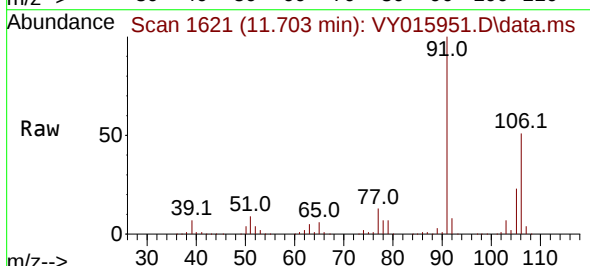
Acq: 13 Oct 2023 12:12

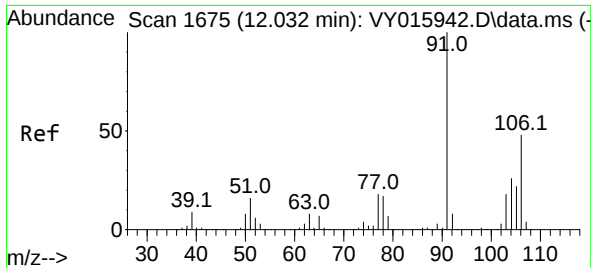
Tgt Ion:106 Resp: 182999

Ion Ratio Lower Upper

106 100

91 199.4 166.1 249.1





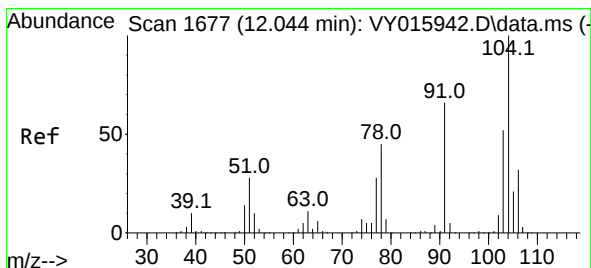
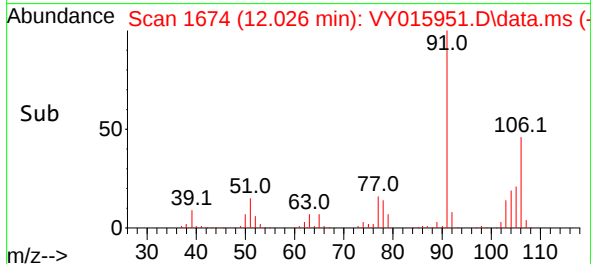
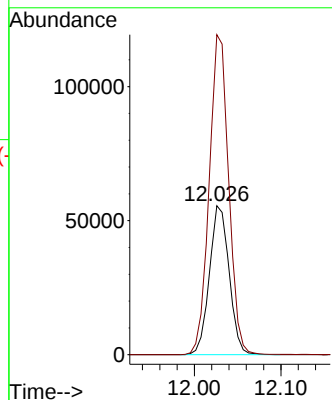
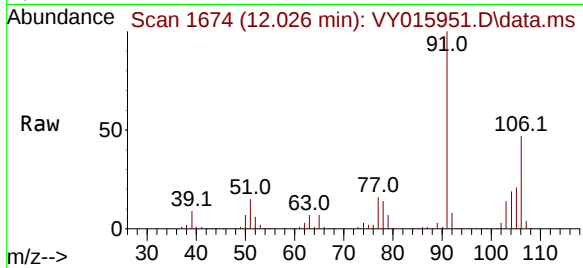
#69
o-Xylene
Concen: 19.951 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.006 min
Lab File: VY015951.D
Acq: 13 Oct 2023 12:12

Instrument :
MSVOA_Y
ClientSampleId :
VY1013SBS01

Tgt Ion:106 Resp: 8779
Ion Ratio Lower Upper
106 100
91 212.7 108.1 324.3

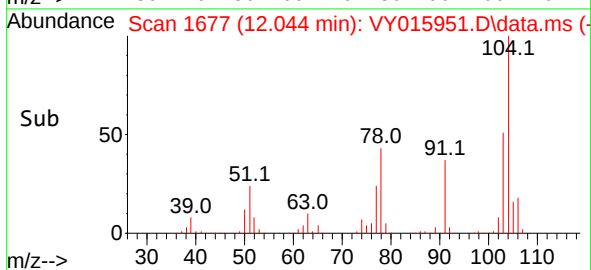
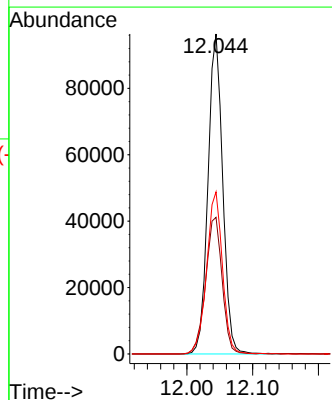
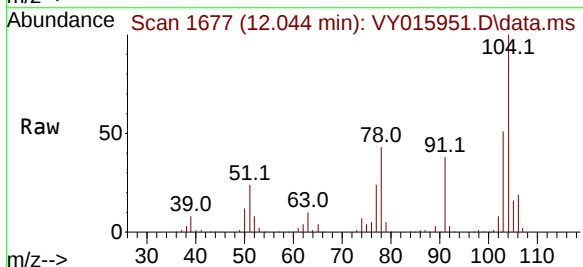
Manual Integrations
APPROVED

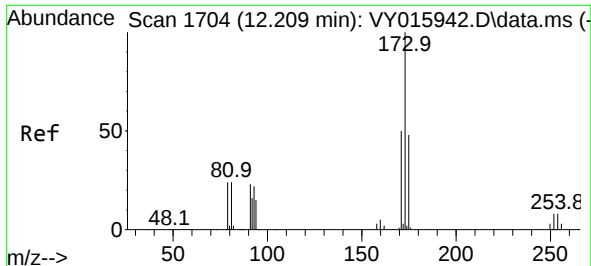
Reviewed By :Mahesh Dadoda 10/16/2023
Supervised By :Semsettin Yesilyurt 10/16/2023



#70
Styrene
Concen: 20.045 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. -0.000 min
Lab File: VY015951.D
Acq: 13 Oct 2023 12:12

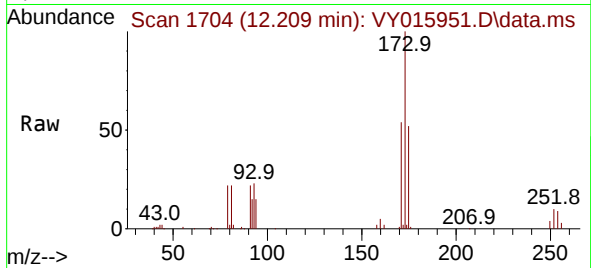
Tgt Ion:104 Resp: 150124
Ion Ratio Lower Upper
104 100
78 47.9 41.5 62.3
103 54.5 44.6 67.0





#71
Bromoform
Concen: 19.933 ug/l
RT: 12.209 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY015951.D
Acq: 13 Oct 2023 12:12

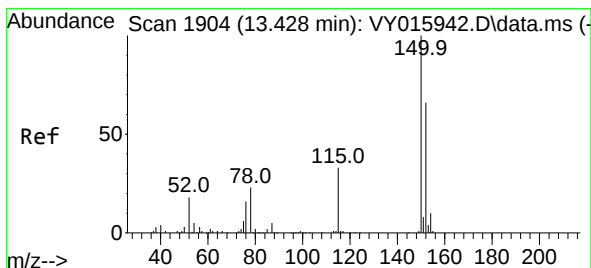
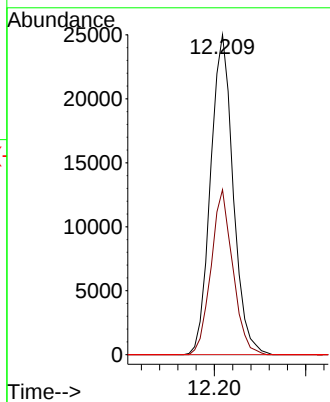
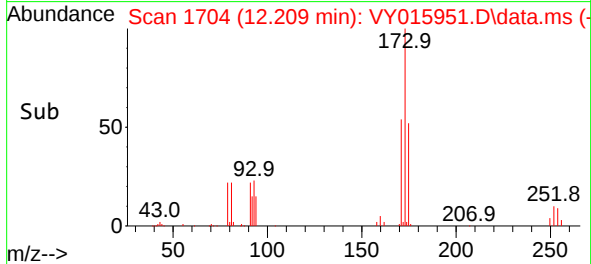
Instrument :
MSVOA_Y
ClientSampleId :
VY1013SBSD01



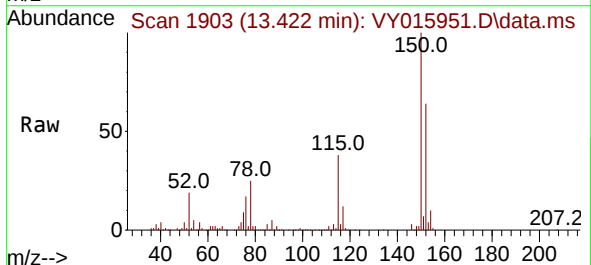
Tgt Ion:173 Resp: 4286
Ion Ratio Lower Upper
173 100
175 49.6 24.6 73.8
254 0.0 0.2 0.2

Manual Integrations
APPROVED

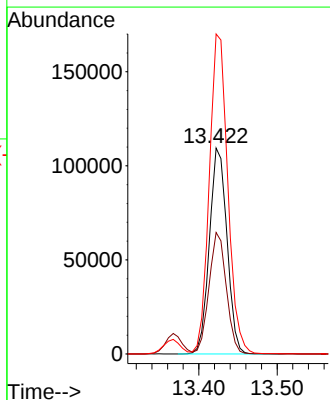
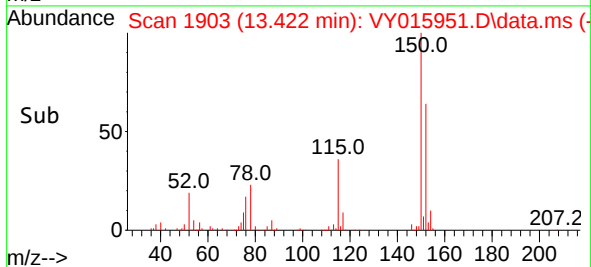
Reviewed By :Mahesh Dadoda 10/16/2023
Supervised By :Semsettin Yesilyurt 10/16/2023

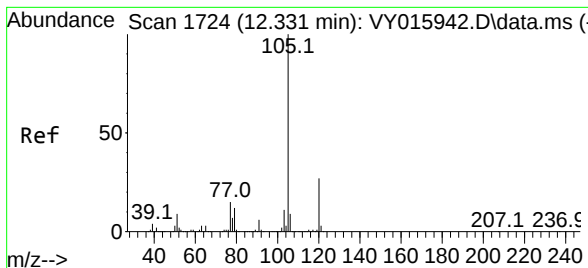


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY015951.D
Acq: 13 Oct 2023 12:12



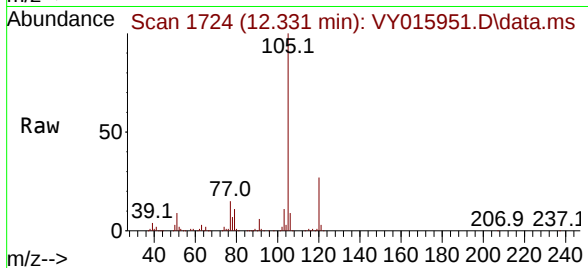
Tgt Ion:152 Resp: 170730
Ion Ratio Lower Upper
152 100
115 58.1 28.8 86.5
150 163.1 0.0 348.8





#73
Isopropylbenzene
Concen: 18.902 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. -0.000 min
Lab File: VY015951.D
Acq: 13 Oct 2023 12:12

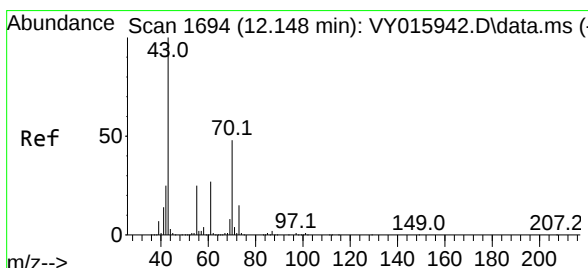
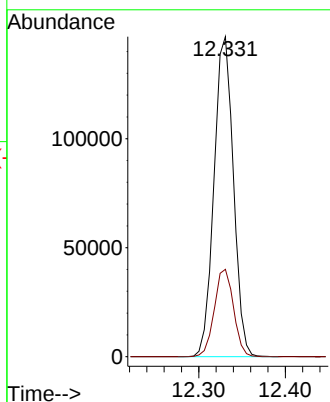
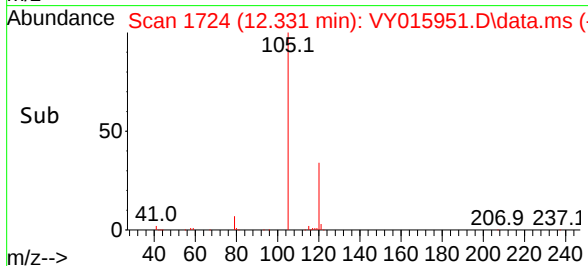
Instrument :
MSVOA_Y
ClientSampleId :
VY1013SBSD01



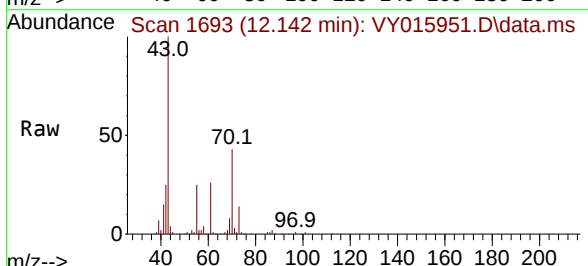
Tgt Ion:105 Resp: 228459
Ion Ratio Lower Upper
105 100
120 27.0 13.3 39.9

Manual Integrations
APPROVED

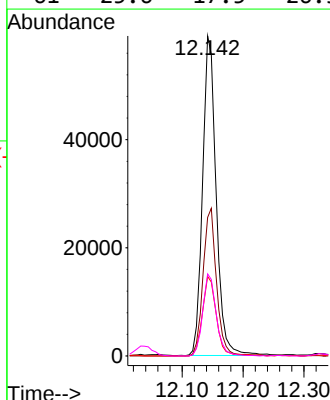
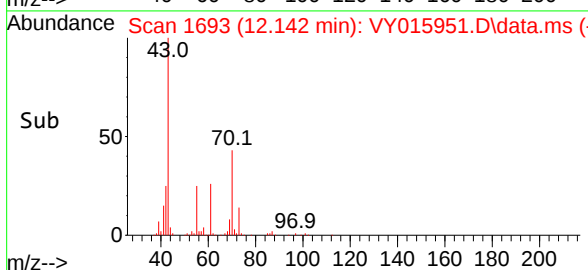
Reviewed By :Mahesh Dadoda 10/16/2023
Supervised By :Semsettin Yesilyurt 10/16/2023

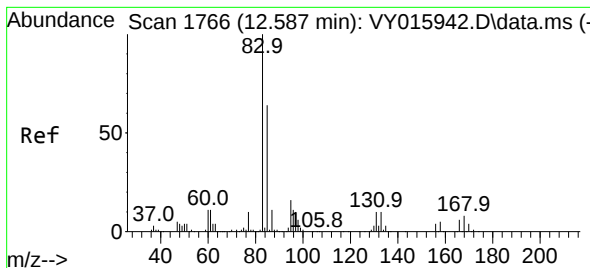


#74
N-ethyl acetate
Concen: 18.845 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.006 min
Lab File: VY015951.D
Acq: 13 Oct 2023 12:12



Tgt Ion: 43 Resp: 92015
Ion Ratio Lower Upper
43 100
70 45.9 29.7 44.5#
55 25.5 18.3 27.5
61 25.6 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 17.656 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. -0.006 min

Lab File: VY015951.D

Acq: 13 Oct 2023 12:12

Instrument :

MSVOA_Y

ClientSampleId :

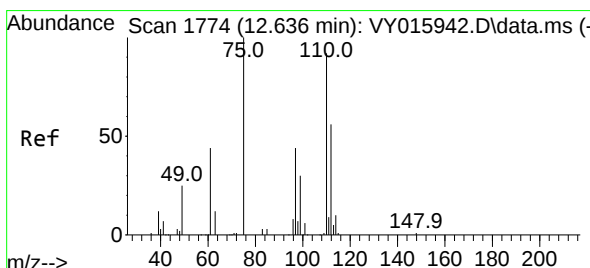
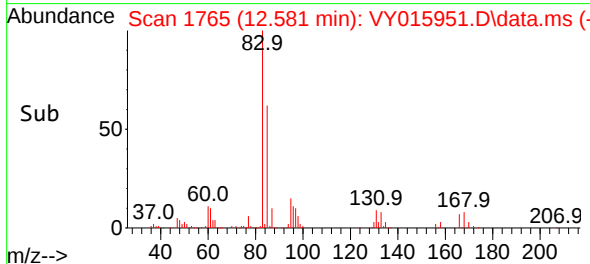
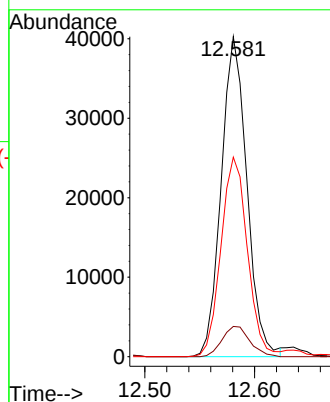
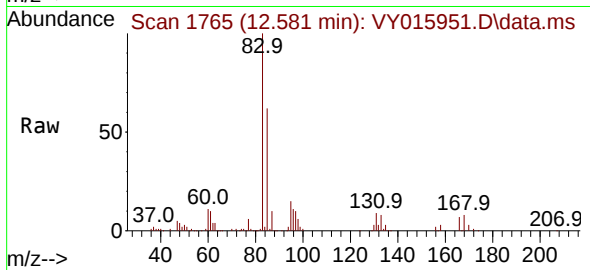
VY1013SBS01

Tgt Ion:	83	Resp:	65544
Ion Ratio	Lower	Upper	
83	100		
131	10.2	5.4	16.2
85	64.2	31.8	95.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/16/2023
Supervised By :Semsettin Yesilyurt 10/16/2023



#76

1,2,3-Trichloropropane

Concen: 20.268 ug/l m

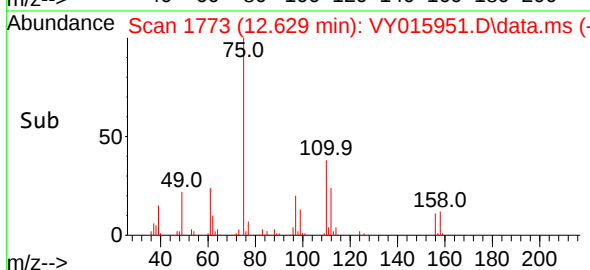
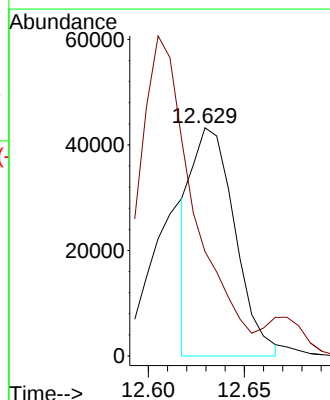
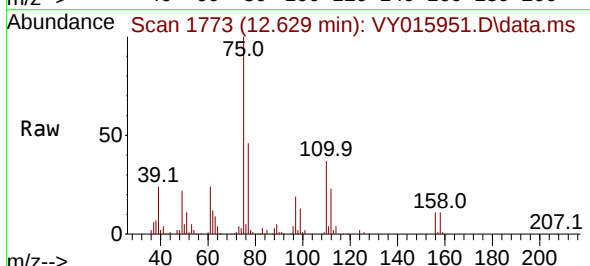
RT: 12.629 min Scan# 1773

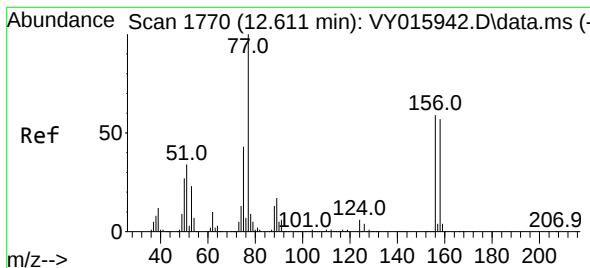
Delta R.T. -0.006 min

Lab File: VY015951.D

Acq: 13 Oct 2023 12:12

Tgt Ion:	75	Resp:	67718
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 19.279 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. -0.000 min

Lab File: VY015951.D

Acq: 13 Oct 2023 12:12

Instrument :

MSVOA_Y

ClientSampleId :

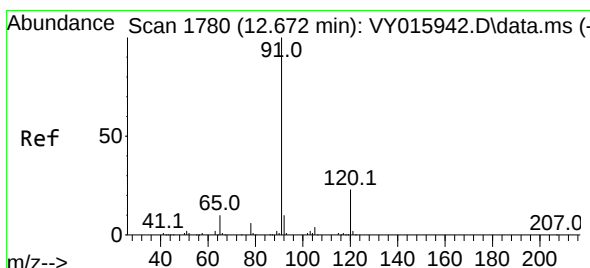
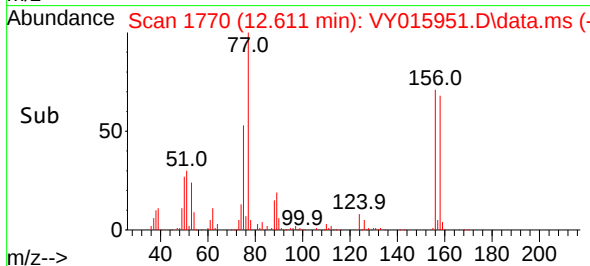
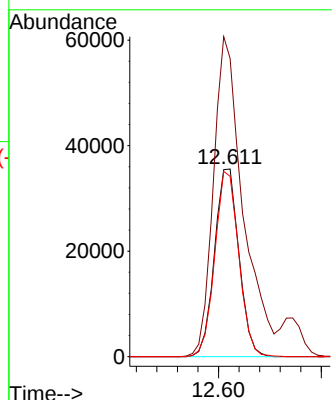
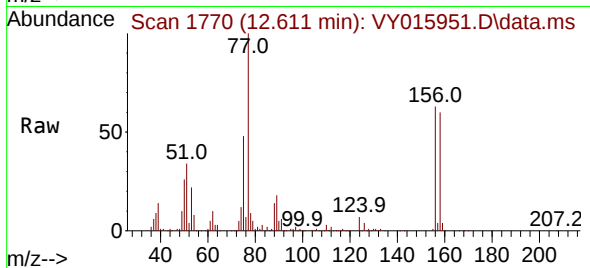
VY1013SBS01

Tgt Ion:	156	Resp:	58494
Ion Ratio	Lower	Upper	
156	100		
77	206.0	92.8	278.6
158	97.0	48.4	145.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/16/2023
Supervised By :Semsettin Yesilyurt 10/16/2023



#78

n-propylbenzene

Concen: 19.260 ug/l

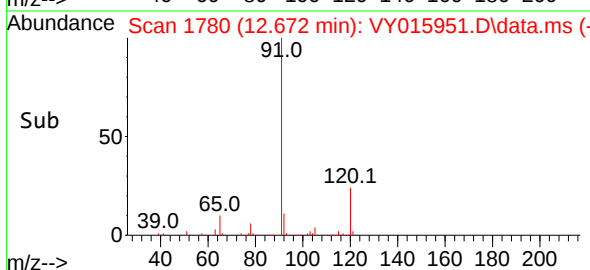
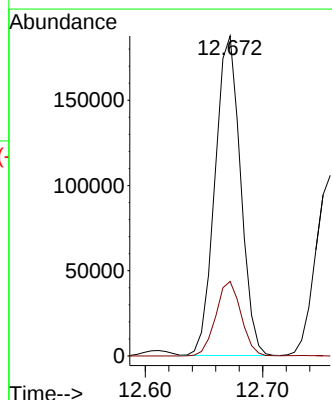
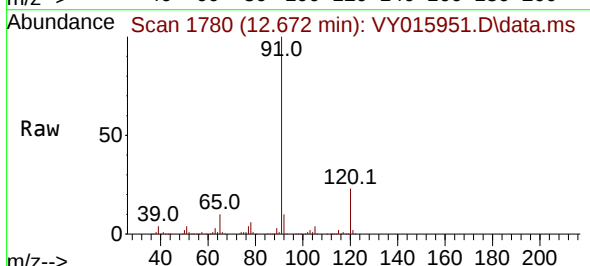
RT: 12.672 min Scan# 1780

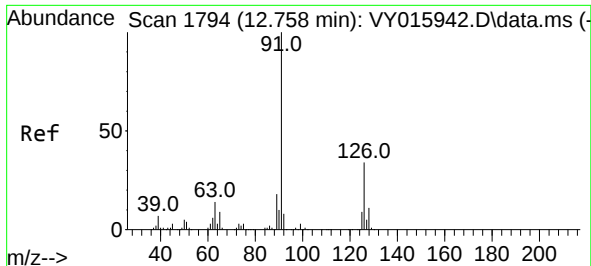
Delta R.T. -0.000 min

Lab File: VY015951.D

Acq: 13 Oct 2023 12:12

Tgt Ion:	91	Resp:	283068
Ion Ratio	Lower	Upper	
91	100		
120	23.1	11.5	34.4





#79

2-Chlorotoluene

Concen: 19.402 ug/l

RT: 12.758 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY015951.D

Acq: 13 Oct 2023 12:12

Instrument :

MSVOA_Y

ClientSampleId :

VY1013SBS01

Tgt Ion: 91 Resp: 16128

Ion Ratio Lower Upper

91 100

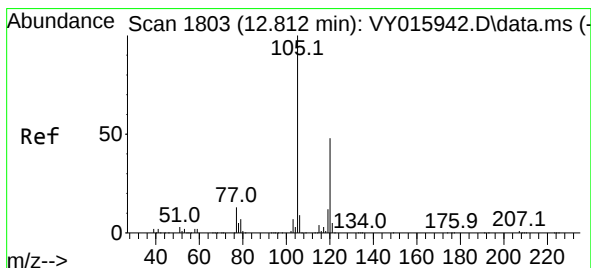
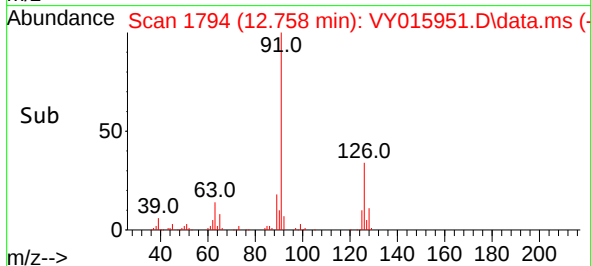
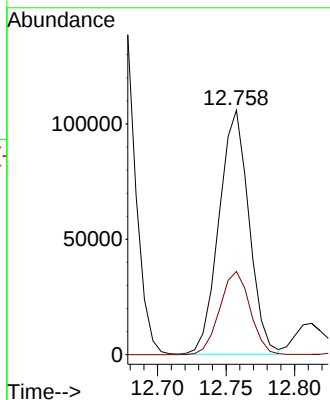
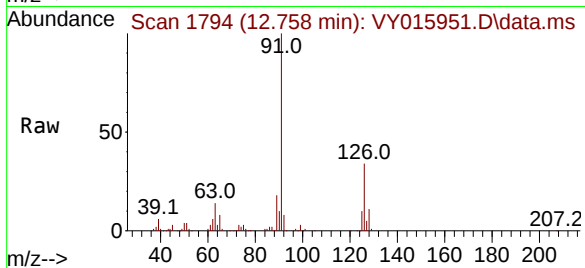
126 34.5 17.3 51.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/16/2023

Supervised By :Semsettin Yesilyurt 10/16/2023



#80

1,3,5-Trimethylbenzene

Concen: 19.501 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. -0.000 min

Lab File: VY015951.D

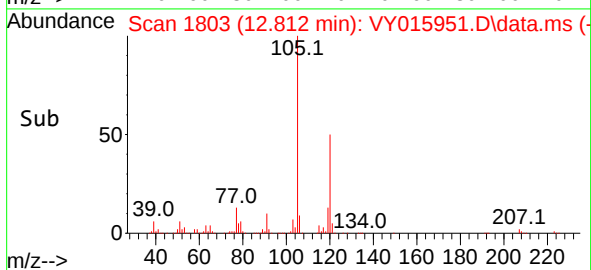
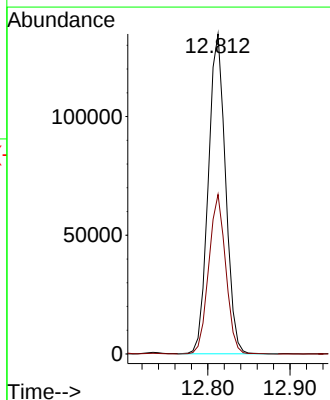
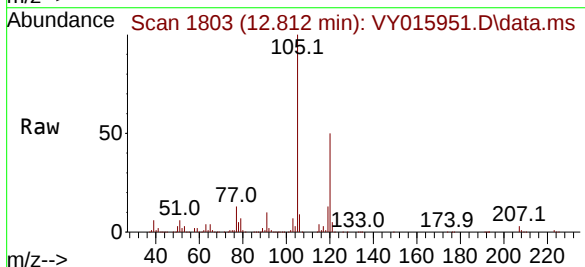
Acq: 13 Oct 2023 12:12

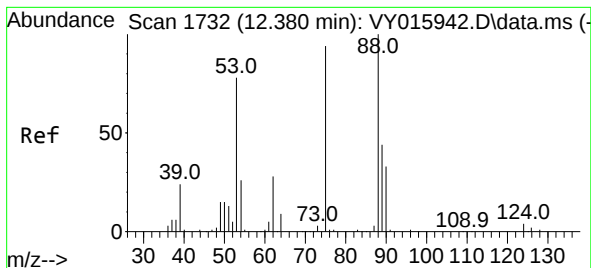
Tgt Ion:105 Resp: 195815

Ion Ratio Lower Upper

105 100

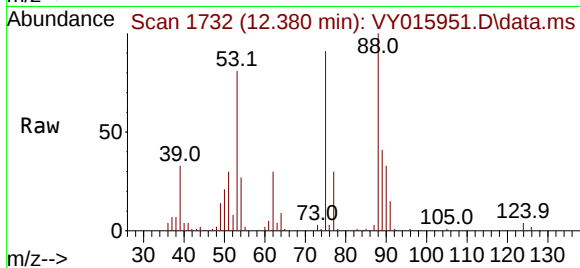
120 49.2 23.9 71.7





#81
trans-1,4-Dichloro-2-butene
Concen: 19.535 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VY015951.D
Acq: 13 Oct 2023 12:12

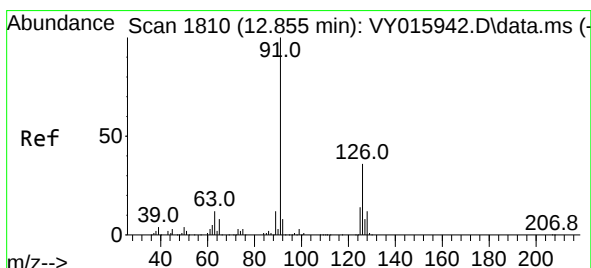
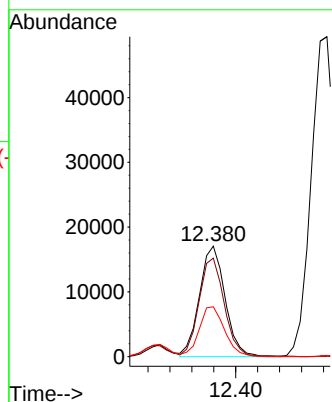
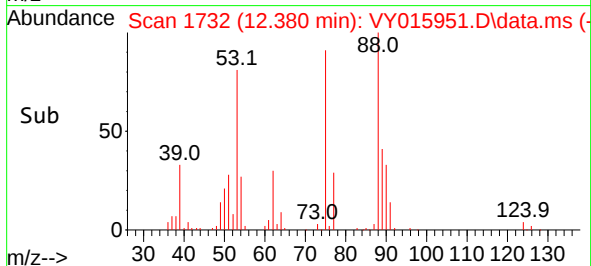
Instrument :
MSVOA_Y
ClientSampleId :
VY1013SBS01



Tgt Ion: 75 Resp: 2770
Ion Ratio Lower Upper
75 100
53 86.8 77.8 116.8
89 44.9 37.4 56.0

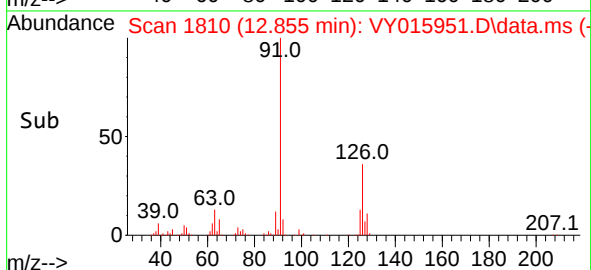
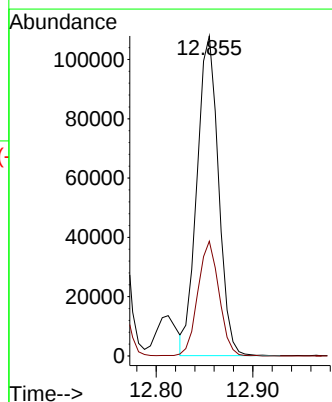
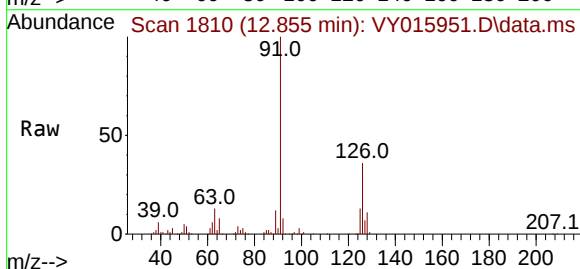
Manual Integrations
APPROVED

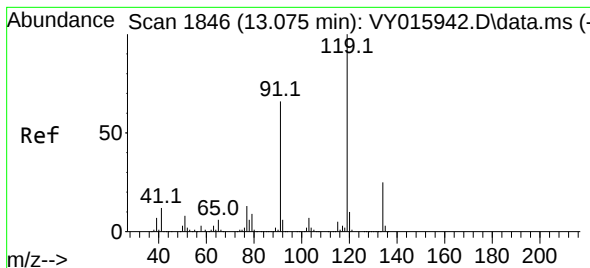
Reviewed By :Mahesh Dadoda 10/16/2023
Supervised By :Semsettin Yesilyurt 10/16/2023



#82
4-Chlorotoluene
Concen: 19.541 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VY015951.D
Acq: 13 Oct 2023 12:12

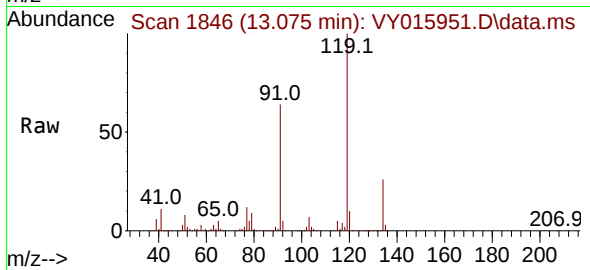
Tgt Ion: 91 Resp: 166953
Ion Ratio Lower Upper
91 100
126 35.3 17.2 51.6





#83
tert-Butylbenzene
Concen: 18.896 ug/l
RT: 13.075 min Scan# 1846
Delta R.T. -0.000 min
Lab File: VY015951.D
Acq: 13 Oct 2023 12:12

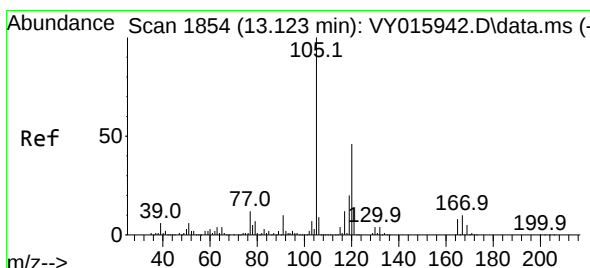
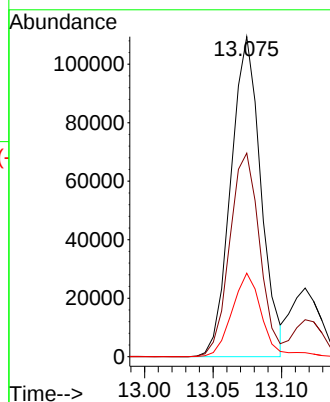
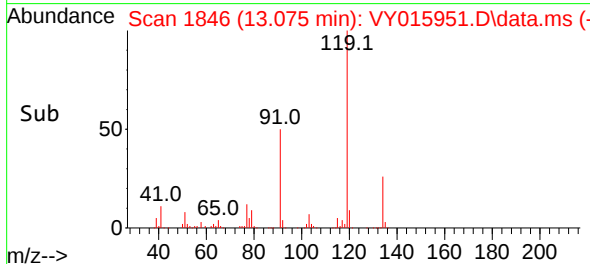
Instrument :
MSVOA_Y
ClientSampleId :
VY1013SBSD01



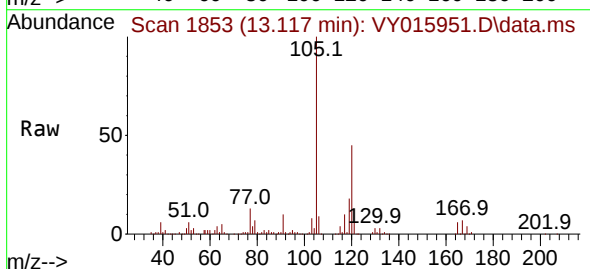
Tgt Ion:119 Resp: 166728
Ion Ratio Lower Upper
119 100
91 63.7 32.9 98.6
134 26.1 13.0 38.9

Manual Integrations
APPROVED

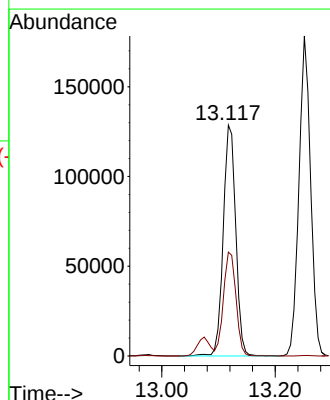
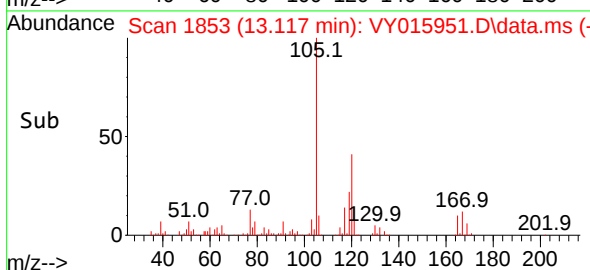
Reviewed By :Mahesh Dadoda 10/16/2023
Supervised By :Semsettin Yesilyurt 10/16/2023

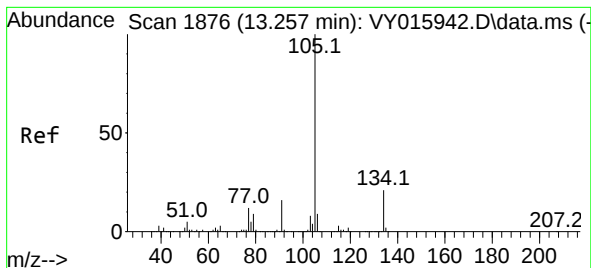


#84
1,2,4-Trimethylbenzene
Concen: 19.554 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. -0.006 min
Lab File: VY015951.D
Acq: 13 Oct 2023 12:12



Tgt Ion:105 Resp: 197096
Ion Ratio Lower Upper
105 100
120 45.0 22.2 66.6





#85

sec-Butylbenzene

Concen: 19.411 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. -0.006 min

Lab File: VY015951.D

Acq: 13 Oct 2023 12:12

Instrument :

MSVOA_Y

ClientSampleId :

VY1013SBSD01

Tgt Ion:105 Resp: 25418

Ion Ratio Lower Upper

105 100

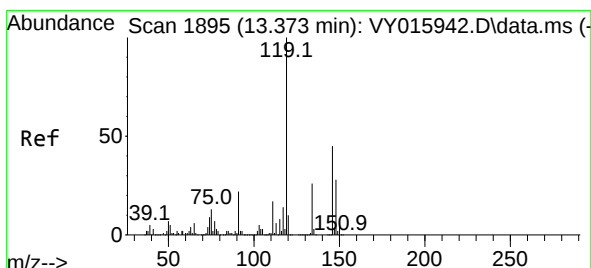
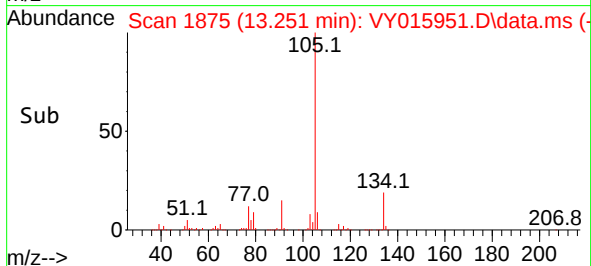
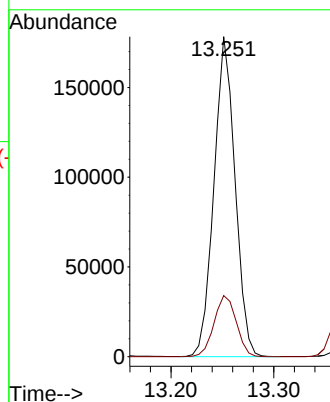
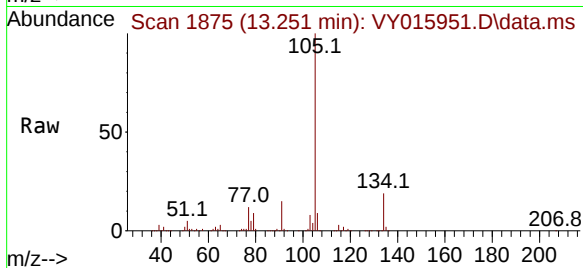
134 20.1 10.2 30.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/16/2023

Supervised By :Semsettin Yesilyurt 10/16/2023



#86

p-Isopropyltoluene

Concen: 19.546 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.006 min

Lab File: VY015951.D

Acq: 13 Oct 2023 12:12

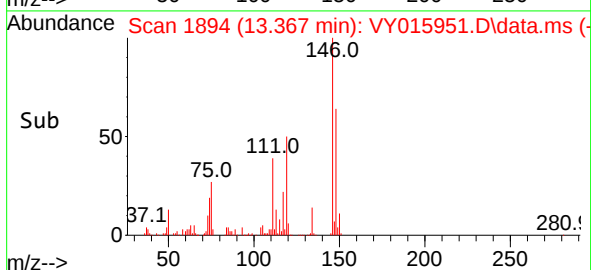
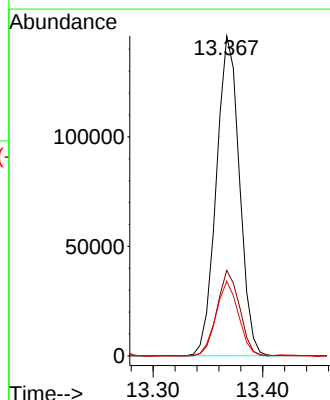
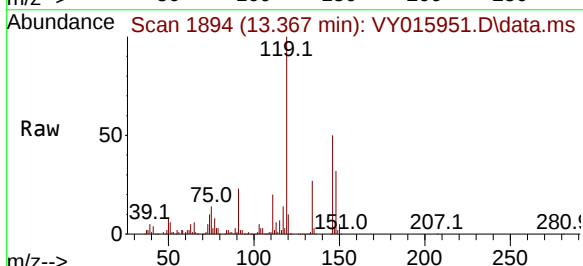
Tgt Ion:119 Resp: 213889

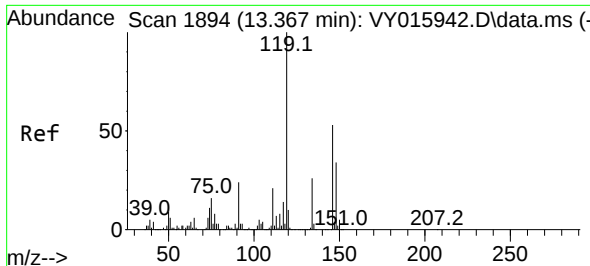
Ion Ratio Lower Upper

119 100

134 26.1 13.3 39.8

91 22.7 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 19.497 ug/l

RT: 13.367 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY015951.D

Acq: 13 Oct 2023 12:12

Instrument :

MSVOA_Y

ClientSampleId :

VY1013SBSD01

Tgt Ion:146 Resp: 11360

Ion Ratio Lower Upper

146 100

111 39.4 19.4 58.2

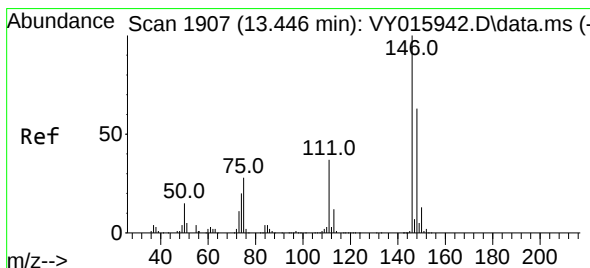
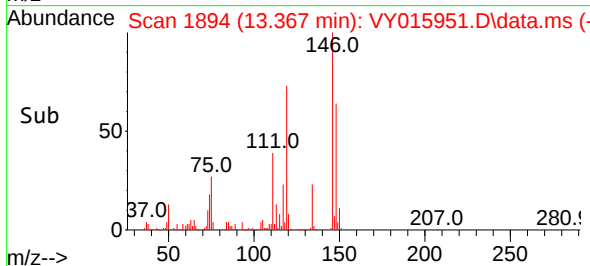
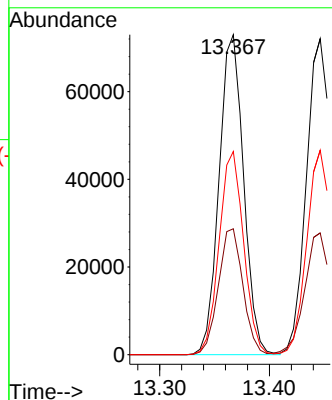
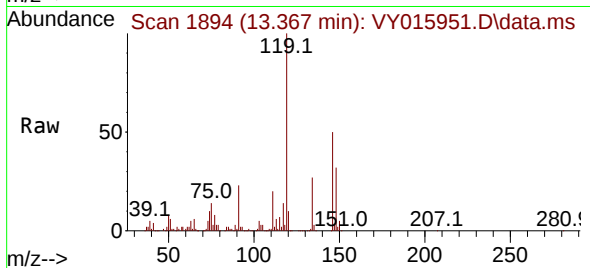
148 63.4 31.9 95.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/16/2023

Supervised By :Semsettin Yesilyurt 10/16/2023



#88

1,4-Dichlorobenzene

Concen: 19.531 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY015951.D

Acq: 13 Oct 2023 12:12

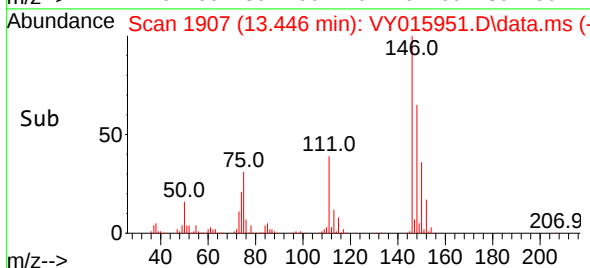
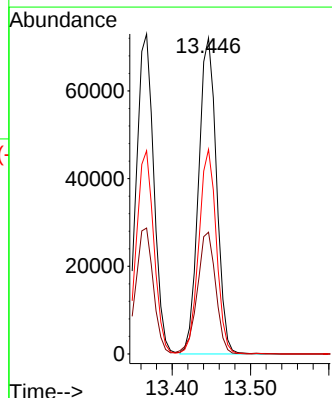
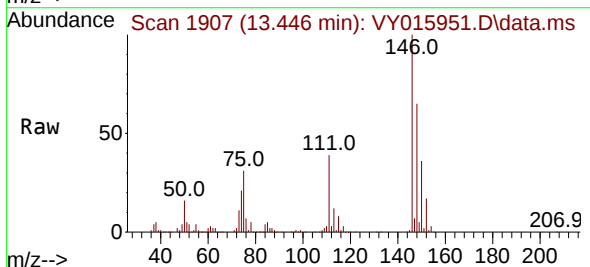
Tgt Ion:146 Resp: 114917

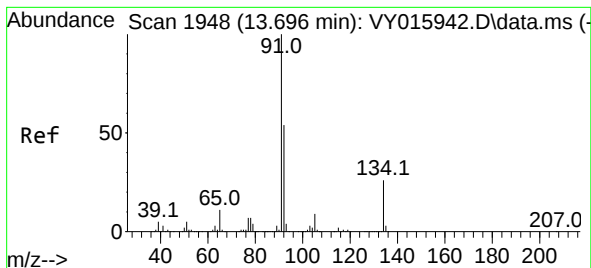
Ion Ratio Lower Upper

146 100

111 39.2 18.9 56.7

148 63.1 32.1 96.5





#89

n-Butylbenzene

Concen: 19.515 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. -0.000 min

Lab File: VY015951.D

Acq: 13 Oct 2023 12:12

Instrument :

MSVOA_Y

ClientSampleId :

VY1013SBSD01

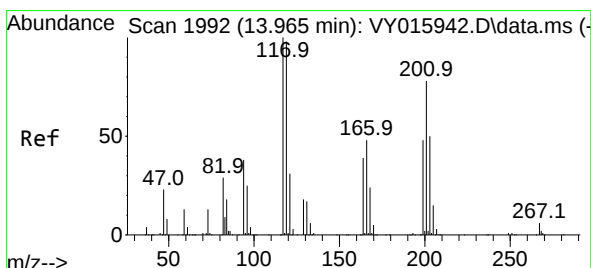
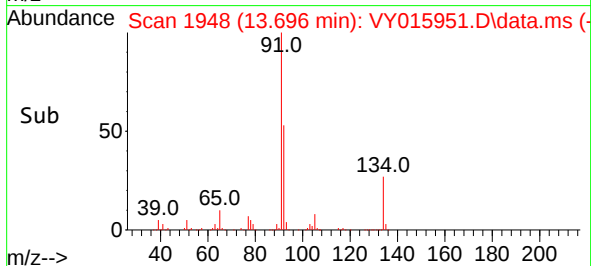
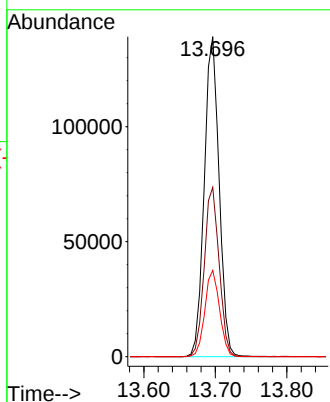
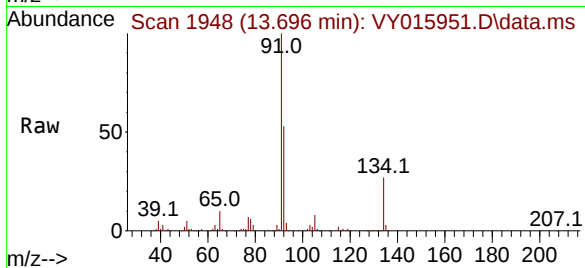
Tgt Ion: 91 Resp: 200804

Ion	Ratio	Lower	Upper
91	100		
92	53.0	25.4	76.0
134	26.7	12.6	37.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/16/2023
Supervised By :Semsettin Yesilyurt 10/16/2023



#90

Hexachloroethane

Concen: 18.791 ug/l

RT: 13.959 min Scan# 1991

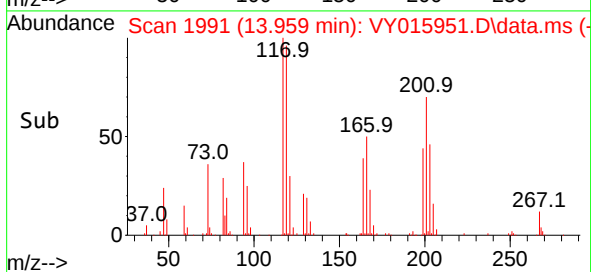
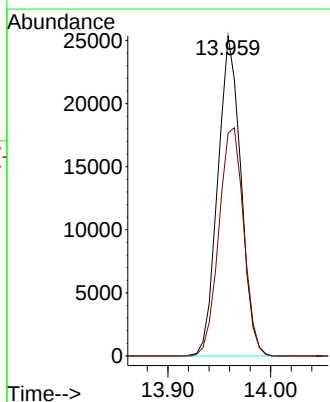
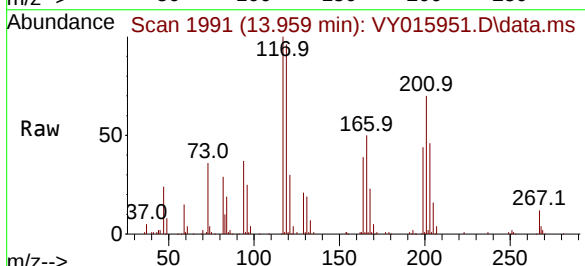
Delta R.T. -0.006 min

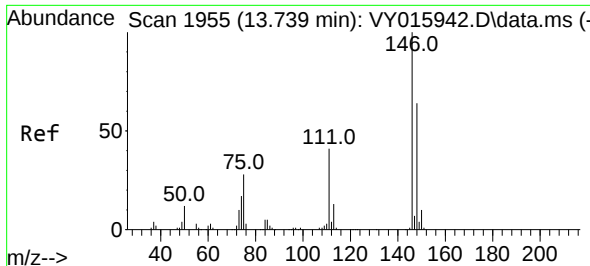
Lab File: VY015951.D

Acq: 13 Oct 2023 12:12

Tgt Ion:117 Resp: 39410

Ion	Ratio	Lower	Upper
117	100		
201	76.9	41.6	124.8





#91

1,2-Dichlorobenzene

Concen: 19.715 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. -0.000 min

Lab File: VY015951.D

Acq: 13 Oct 2023 12:12

Instrument :

MSVOA_Y

ClientSampleId :

VY1013SBS01

Tgt Ion:146 Resp: 10778

Ion Ratio Lower Upper

146 100

111 40.6 19.7 59.0

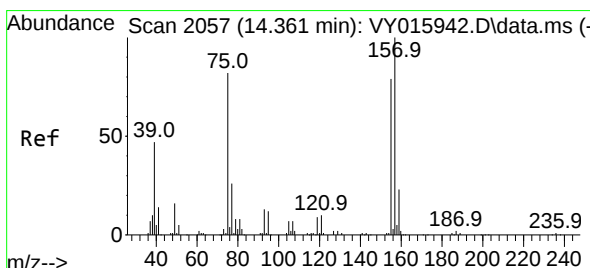
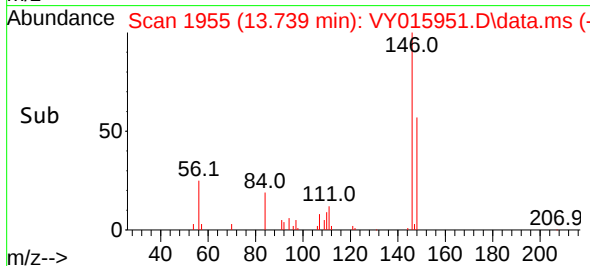
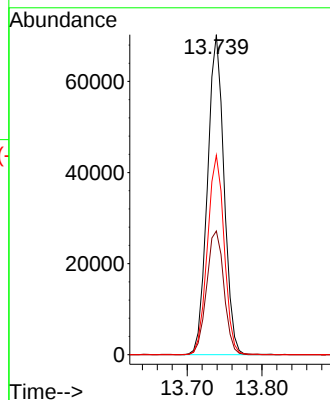
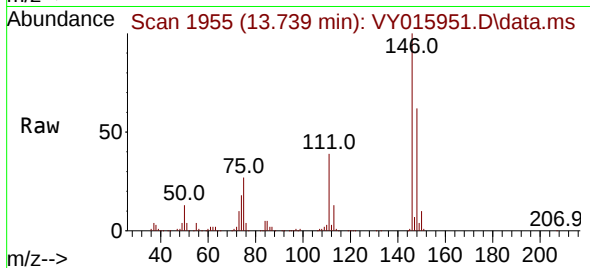
148 63.1 32.0 96.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/16/2023

Supervised By :Semsettin Yesilyurt 10/16/2023



#92

1,2-Dibromo-3-Chloropropane

Concen: 22.508 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. -0.006 min

Lab File: VY015951.D

Acq: 13 Oct 2023 12:12

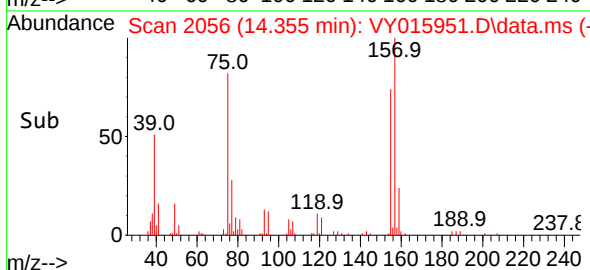
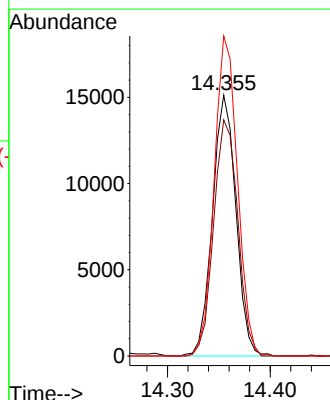
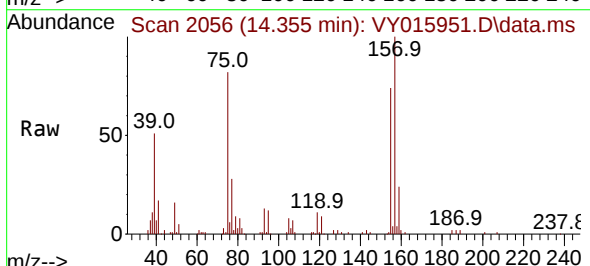
Tgt Ion: 75 Resp: 23903

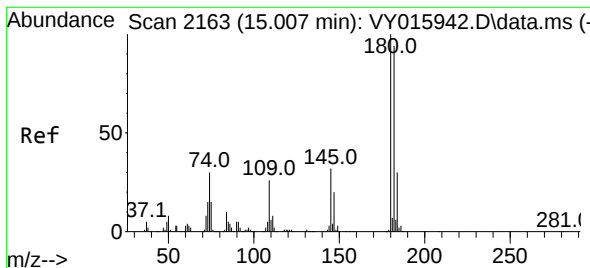
Ion Ratio Lower Upper

75 100

155 93.3 41.5 124.6

157 121.6 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 19.854 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. -0.000 min

Lab File: VY015951.D

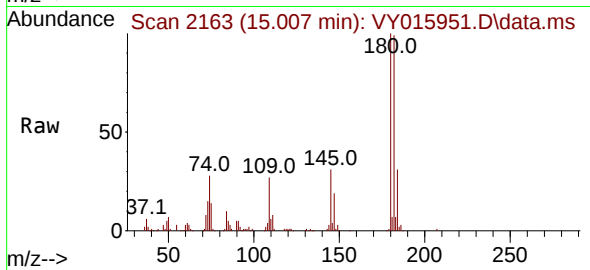
Acq: 13 Oct 2023 12:12

Instrument :

MSVOA_Y

ClientSampleId :

VY1013SBS01

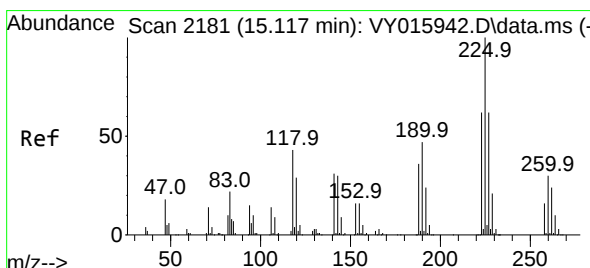
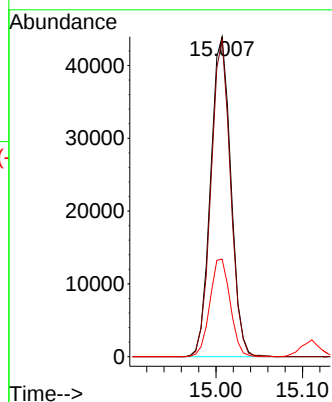
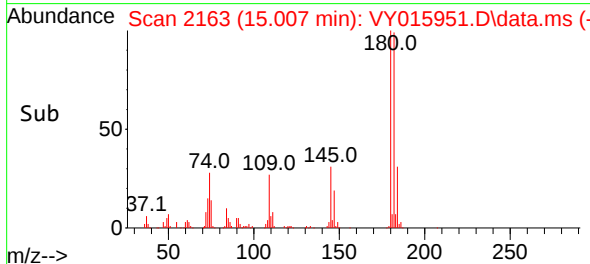


Tgt Ion:180	Resp:	7134
Ion Ratio	Lower	Upper
180	100	
182	95.5	47.0 141.2
145	30.6	14.5 43.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/16/2023
Supervised By :Semsettin Yesilyurt 10/16/2023



#94

Hexachlorobutadiene

Concen: 19.542 ug/l

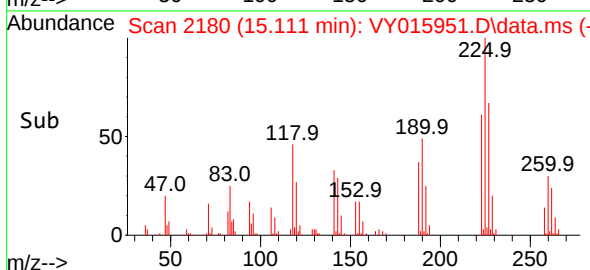
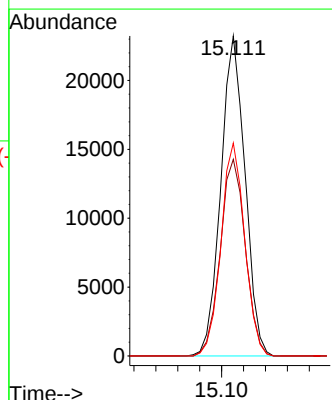
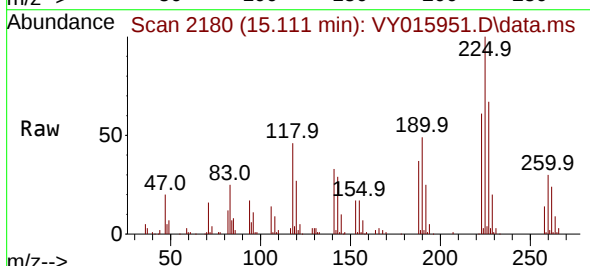
RT: 15.111 min Scan# 2180

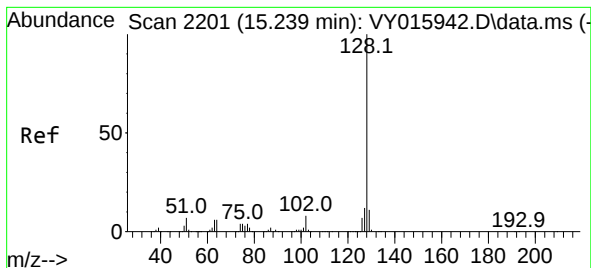
Delta R.T. -0.006 min

Lab File: VY015951.D

Acq: 13 Oct 2023 12:12

Tgt Ion:225	Resp:	35653
Ion Ratio	Lower	Upper
225	100	
223	63.5	31.9 95.9
227	65.0	33.0 98.9





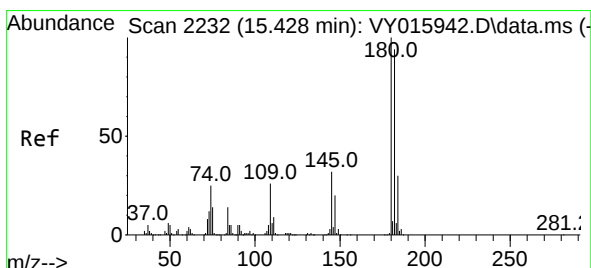
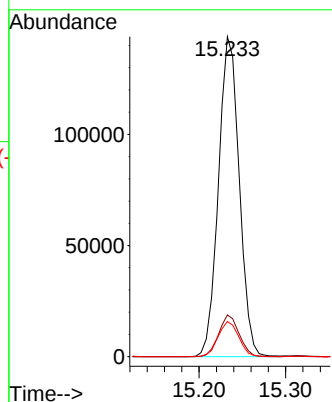
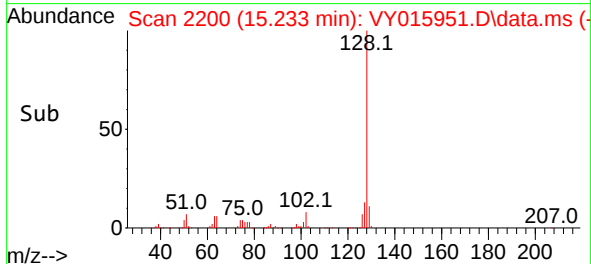
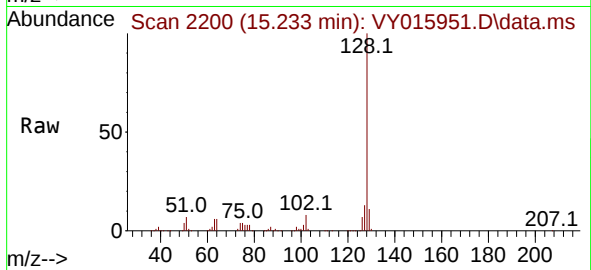
#95
Naphthalene
Concen: 20.616 ug/l
RT: 15.233 min Scan# 21
Delta R.T. -0.006 min
Lab File: VY015951.D
Acq: 13 Oct 2023 12:12

Instrument :
MSVOA_Y
ClientSampleId :
VY1013SBS01

Tgt Ion:128 Resp: 24032
Ion Ratio Lower Upper
128 100
127 12.9 10.8 16.2
129 10.9 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 10/16/2023
Supervised By :Semsettin Yesilyurt 10/16/2023



#96
1,2,3-Trichlorobenzene
Concen: 19.709 ug/l
RT: 15.422 min Scan# 2231
Delta R.T. -0.006 min
Lab File: VY015951.D
Acq: 13 Oct 2023 12:12

Tgt Ion:180 Resp: 67896
Ion Ratio Lower Upper
180 100
182 95.5 47.3 141.8
145 33.3 15.4 46.2

