

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111423\
 Data File : VY016339.D
 Acq On : 14 Nov 2023 10:53
 Operator : SY/MD
 Sample : VY1114SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1114SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 11/15/2023
 Supervised By :Semsettin Yesilyurt 11/15/2023

Quant Time: Nov 14 19:01:38 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 09 00:45:52 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	169049	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	275742	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	237144	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	112237	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	75544	48.894	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	97.780%		
35) Dibromofluoromethane	7.728	113	78027	49.813	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	99.620%		
50) Toluene-d8	10.191	98	302869	47.681	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	95.360%		
62) 4-Bromofluorobenzene	12.489	95	98443	47.717	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	95.440%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	30279	18.292	ug/l	99
3) Chloromethane	2.119	50	33406	17.232	ug/l	96
4) Vinyl Chloride	2.260	62	34942	16.762	ug/l	97
5) Bromomethane	2.656	94	22713	16.580	ug/l	99
6) Chloroethane	2.802	64	23249	17.479	ug/l	98
7) Trichlorofluoromethane	3.137	101	56956	18.780	ug/l	98
8) Diethyl Ether	3.540	74	17777	19.612	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.912	101	34344	18.802	ug/l	95
10) Methyl Iodide	4.107	142	35281	17.884	ug/l	97
11) Tert butyl alcohol	4.966	59	11296	93.364	ug/l #	81
12) 1,1-Dichloroethene	3.887	96	31079	18.193	ug/l	91
13) Acrolein	3.741	56	14844	101.717	ug/l	97
14) Allyl chloride	4.491	41	44822	18.489	ug/l #	92
15) Acrylonitrile	5.180	53	36691	102.001	ug/l	98
16) Acetone	3.960	43	29016	113.535	ug/l	95
17) Carbon Disulfide	4.210	76	83294	16.160	ug/l	99
18) Methyl Acetate	4.491	43	27613	20.333	ug/l #	90
19) Methyl tert-butyl Ether	5.235	73	82089	19.854	ug/l	98
20) Methylene Chloride	4.735	84	38133	18.960	ug/l	87
21) trans-1,2-Dichloroethene	5.241	96	35659	18.129	ug/l	93
22) Diisopropyl ether	6.131	45	103062	19.727	ug/l	90
23) Vinyl Acetate	6.076	43	250162	98.821	ug/l #	93
24) 1,1-Dichloroethane	6.033	63	61857	19.192	ug/l	95
25) 2-Butanone	7.003	43	48537	108.428	ug/l	94
26) 2,2-Dichloropropane	7.003	77	56684	19.324	ug/l	95
27) cis-1,2-Dichloroethene	6.996	96	40865	19.279	ug/l	92
28) Bromochloromethane	7.350	49	23924	20.056	ug/l	89
29) Tetrahydrofuran	7.362	42	29739	100.511	ug/l	90
30) Chloroform	7.521	83	65809	19.616	ug/l	95
31) Cyclohexane	7.801	56	53684	17.648	ug/l	89
32) 1,1,1-Trichloroethane	7.716	97	59965	19.499	ug/l	97
36) 1,1-Dichloropropene	7.935	75	49767	18.297	ug/l	98
37) Ethyl Acetate	7.088	43	21139	19.235	ug/l #	92
38) Carbon Tetrachloride	7.917	117	54004	19.131	ug/l	97
39) Methylcyclohexane	9.197	83	59362	17.515	ug/l	92
40) Benzene	8.173	78	143997	18.844	ug/l	99

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.320	41	11964	21.591	ug/l	94
42) 1,2-Dichloroethane	8.252	62	38939	19.666	ug/l	93
43) Isopropyl Acetate	8.283	43	42581	20.045	ug/l	92
44) Trichloroethene	8.953	130	41395	18.849	ug/l	94
45) 1,2-Dichloropropane	9.228	63	35869	19.545	ug/l	98
46) Dibromomethane	9.319	93	19850	19.960	ug/l	96
47) Bromodichloromethane	9.508	83	50428	19.723	ug/l	94
48) Methyl methacrylate	9.301	41	22129	18.849	ug/l #	85
49) 1,4-Dioxane	9.307	88	4022	380.940	ug/l #	62
51) 4-Methyl-2-Pentanone	10.081	43	108212	100.737	ug/l	91
52) Toluene	10.252	92	91644	18.972	ug/l	94
53) t-1,3-Dichloropropene	10.478	75	49189	19.846	ug/l	99
54) cis-1,3-Dichloropropene	9.941	75	57786	19.520	ug/l	91
55) 1,1,2-Trichloroethane	10.654	97	27478	20.046	ug/l	96
56) Ethyl methacrylate	10.520	69	25519	19.722	ug/l #	84
57) 1,3-Dichloropropane	10.801	76	46286	19.810	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.795	63	85217	97.128	ug/l	93
59) 2-Hexanone	10.843	43	85291	106.745	ug/l	88
60) Dibromochloromethane	10.996	129	34459	20.101	ug/l	97
61) 1,2-Dibromoethane	11.099	107	26909	20.606	ug/l	96
64) Tetrachloroethene	10.734	164	40172	18.866	ug/l	96
65) Chlorobenzene	11.526	112	97725	19.288	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.599	131	37685	20.166	ug/l	97
67) Ethyl Benzene	11.599	91	174625	19.178	ug/l	99
68) m/p-Xylenes	11.715	106	133927	38.778	ug/l	95
69) o-Xylene	12.038	106	61681	19.236	ug/l	98
70) Styrene	12.057	104	90388	19.686	ug/l	98
71) Bromoform	12.215	173	20057	20.684	ug/l #	99
73) Isopropylbenzene	12.337	105	171070	18.822	ug/l	100
74) N-amyl acetate	12.154	43	34231	18.750	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.593	83	28916	19.827	ug/l	97
76) 1,2,3-Trichloropropane	12.642	75	24702m	22.943	ug/l	
77) Bromobenzene	12.617	156	39202	19.084	ug/l	96
78) n-propylbenzene	12.678	91	203719	18.967	ug/l	99
79) 2-Chlorotoluene	12.764	91	113158	19.117	ug/l	99
80) 1,3,5-Trimethylbenzene	12.819	105	140045	19.112	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.386	75	9525	19.202	ug/l	92
82) 4-Chlorotoluene	12.861	91	118063	19.302	ug/l	100
83) tert-Butylbenzene	13.081	119	123552	19.142	ug/l	98
84) 1,2,4-Trimethylbenzene	13.129	105	139477	19.331	ug/l	98
85) sec-Butylbenzene	13.264	105	174091	18.880	ug/l	99
86) p-Isopropyltoluene	13.379	119	152519	19.209	ug/l	99
87) 1,3-Dichlorobenzene	13.373	146	75842	19.191	ug/l	100
88) 1,4-Dichlorobenzene	13.453	146	74899	19.393	ug/l	99
89) n-Butylbenzene	13.703	91	141566	19.306	ug/l	97
90) Hexachloroethane	13.971	117	29016	18.944	ug/l	91
91) 1,2-Dichlorobenzene	13.745	146	65885	19.456	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.367	75	4281	18.450	ug/l	87
93) 1,2,4-Trichlorobenzene	15.013	180	38980	19.720	ug/l	99
94) Hexachlorobutadiene	15.117	225	22789	20.124	ug/l	95
95) Naphthalene	15.245	128	68393	19.346	ug/l	99
96) 1,2,3-Trichlorobenzene	15.434	180	31905	19.514	ug/l	99

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ClientSampleId :
VY1114SBSD01

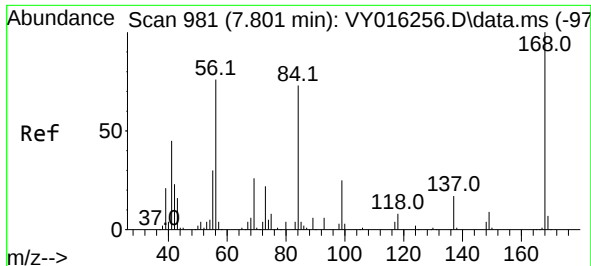
Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023

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Quant Title : SW846 8260
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Response via : Initial Calibration

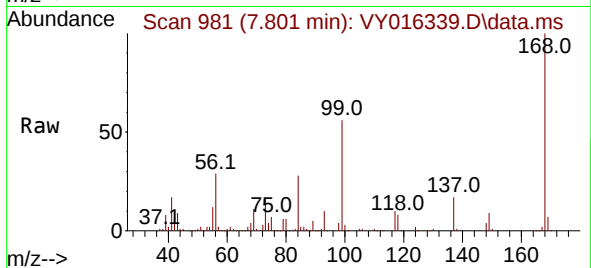
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
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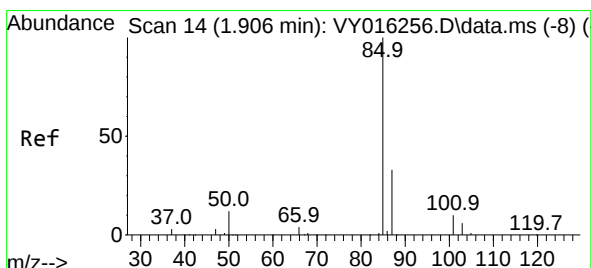
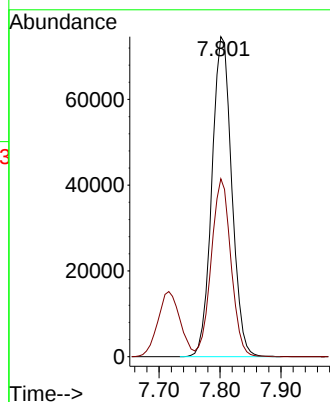
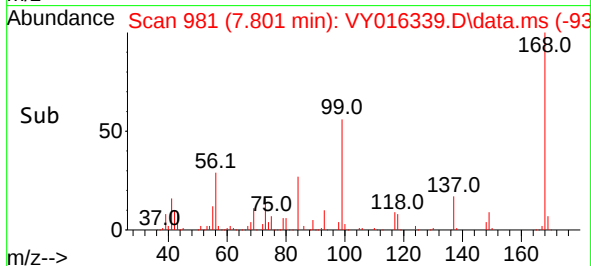
Instrument :
MSVOA_Y
ClientSampleId :
VY1114SBSD01



Tgt Ion:168 Resp: 169049
Ion Ratio Lower Upper
168 100
99 55.6 43.4 65.0

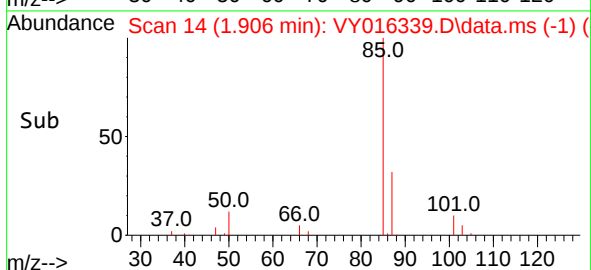
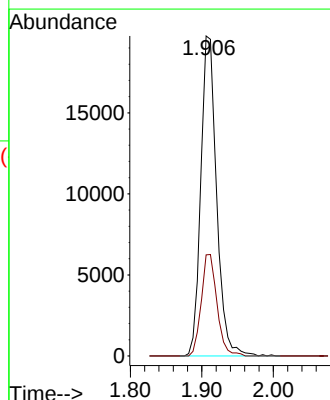
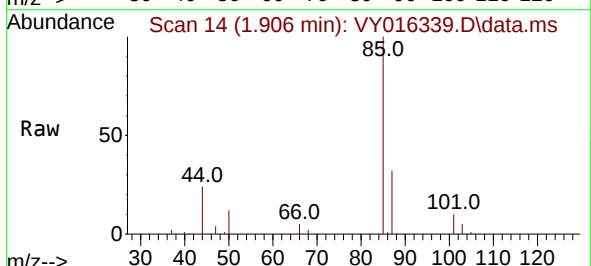
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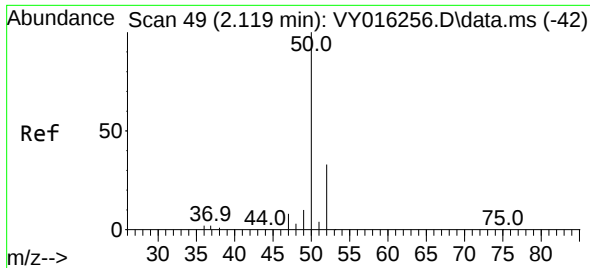
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023



#2
Dichlorodifluoromethane
Concen: 18.292 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY016339.D
Acq: 14 Nov 2023 10:53

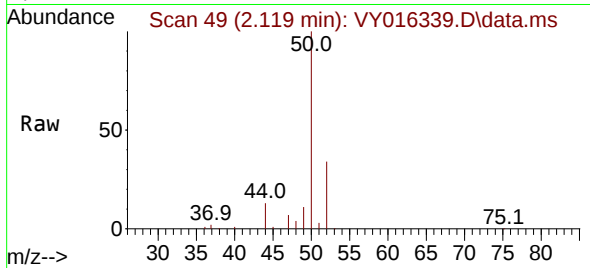
Tgt Ion: 85 Resp: 30279
Ion Ratio Lower Upper
85 100
87 31.6 15.6 46.8





#3
Chloromethane
Concen: 17.232 ug/l
RT: 2.119 min Scan# 49
Delta R.T. -0.000 min
Lab File: VY016339.D
Acq: 14 Nov 2023 10:53

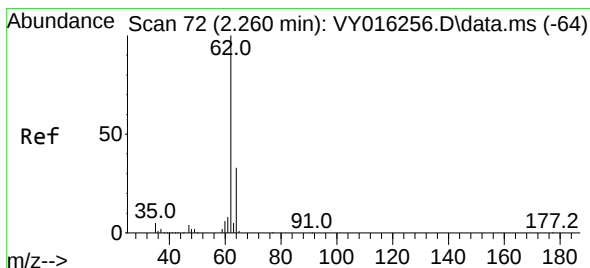
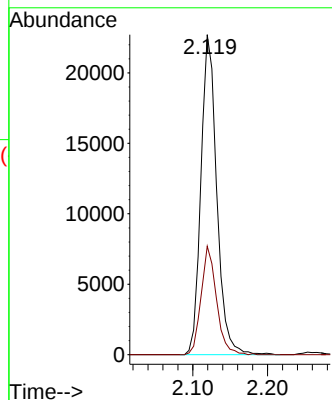
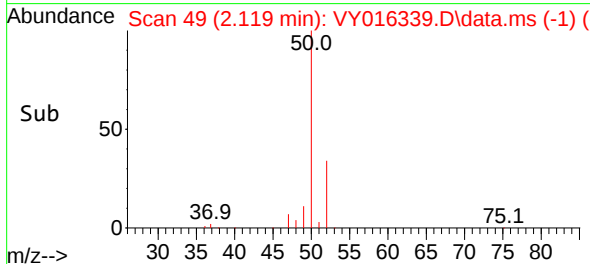
Instrument :
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ClientSampleId :
VY1114SBSD01



Tgt Ion: 50 Resp: 33400
Ion Ratio Lower Upper
50 100
52 33.9 25.4 38.2

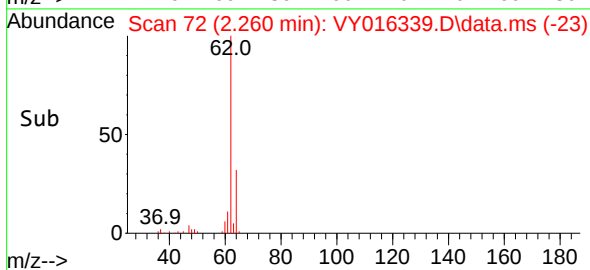
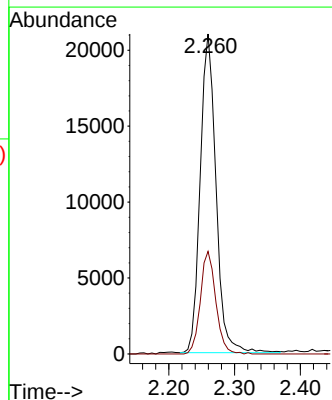
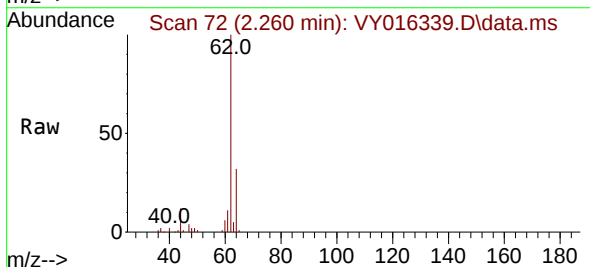
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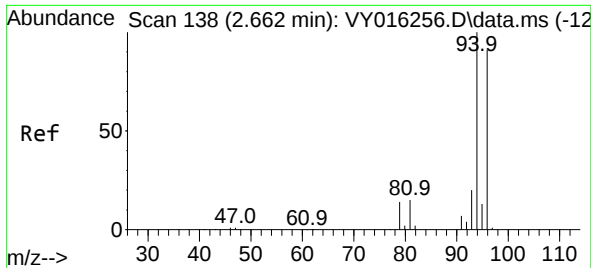
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023



#4
Vinyl Chloride
Concen: 16.762 ug/l
RT: 2.260 min Scan# 72
Delta R.T. -0.000 min
Lab File: VY016339.D
Acq: 14 Nov 2023 10:53

Tgt Ion: 62 Resp: 34942
Ion Ratio Lower Upper
62 100
64 32.2 24.3 36.5





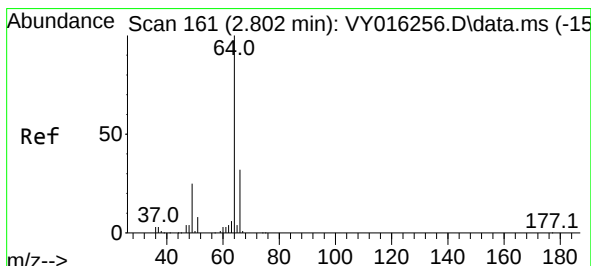
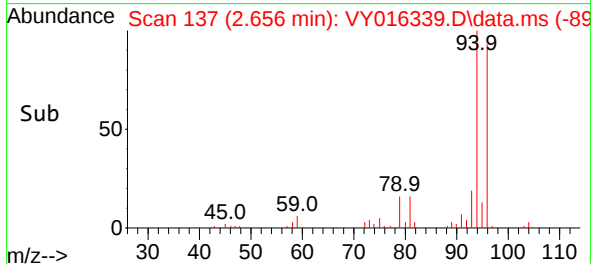
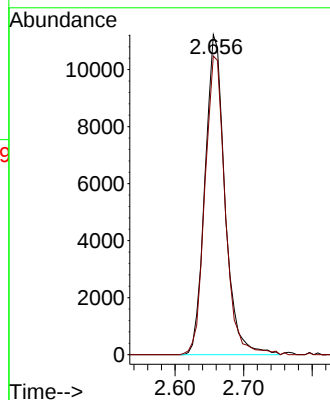
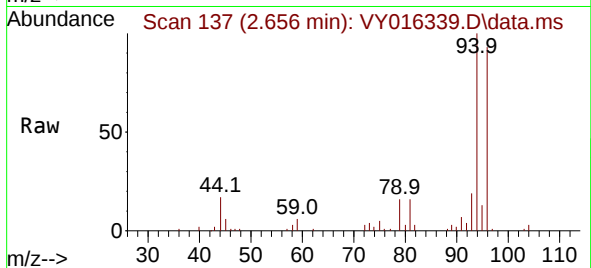
#5
Bromomethane
Concen: 16.580 ug/l
RT: 2.656 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016339.D
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Instrument :
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ClientSampleId :
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Tgt Ion: 94 Resp: 2271
Ion Ratio Lower Upper
94 100
96 93.4 75.8 113.6

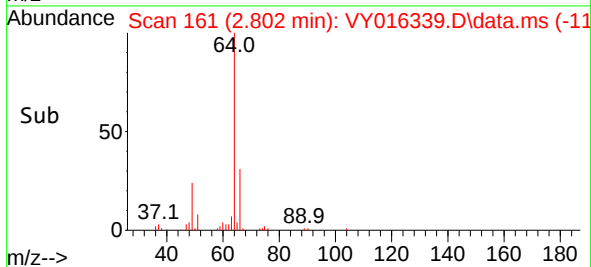
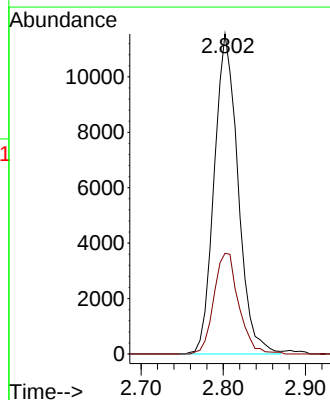
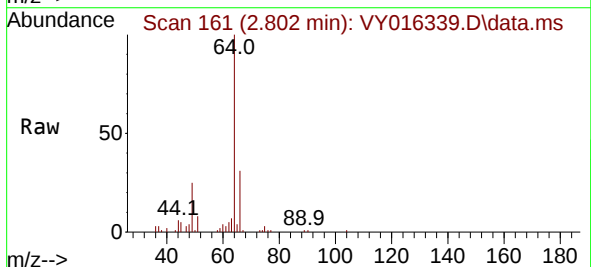
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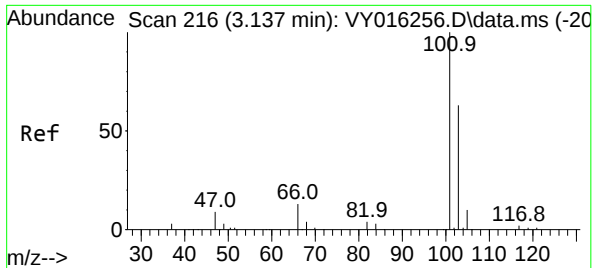
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023



#6
Chloroethane
Concen: 17.479 ug/l
RT: 2.802 min Scan# 161
Delta R.T. -0.000 min
Lab File: VY016339.D
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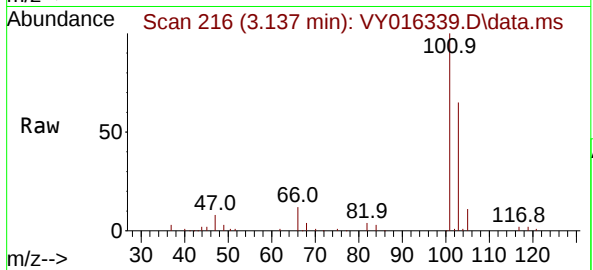
Tgt Ion: 64 Resp: 23249
Ion Ratio Lower Upper
64 100
66 31.5 24.4 36.6





#7
 Trichlorofluoromethane
 Concen: 18.780 ug/l
 RT: 3.137 min Scan# 216
 Delta R.T. -0.000 min
 Lab File: VY016339.D
 Acq: 14 Nov 2023 10:53

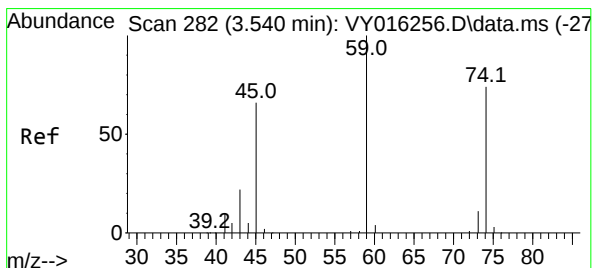
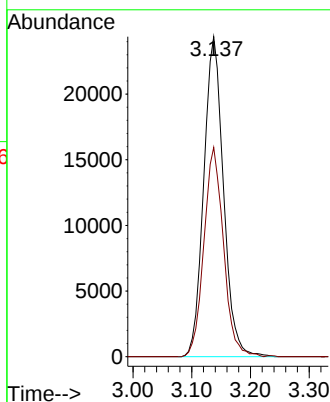
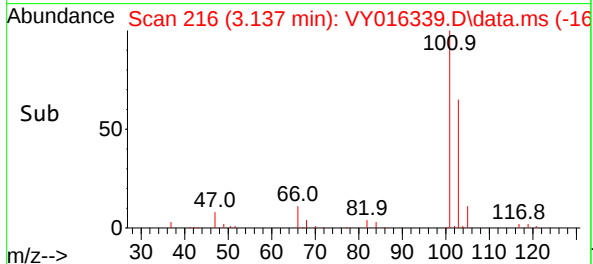
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1114SBSD01



Tgt Ion:101 Resp: 56950
 Ion Ratio Lower Upper
 101 100
 103 65.4 51.4 77.0

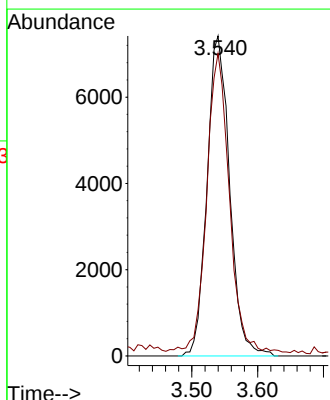
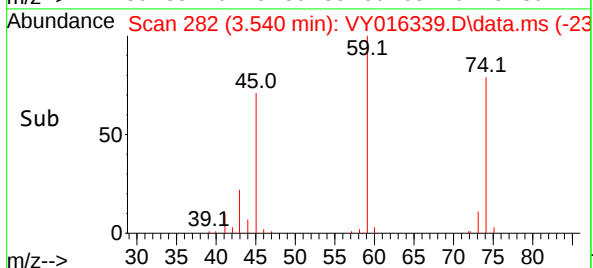
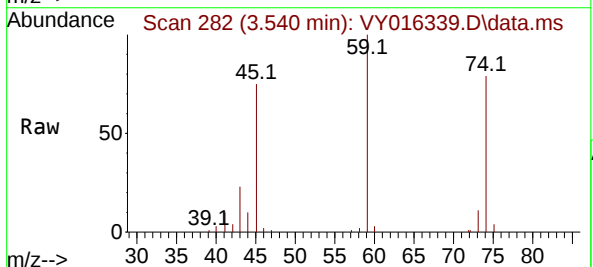
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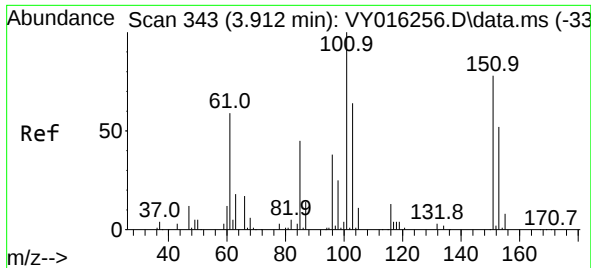
Reviewed By :Mahesh Dadoda 11/15/2023
 Supervised By :Semsettin Yesilyurt 11/15/2023



#8
 Diethyl Ether
 Concen: 19.612 ug/l
 RT: 3.540 min Scan# 282
 Delta R.T. -0.000 min
 Lab File: VY016339.D
 Acq: 14 Nov 2023 10:53

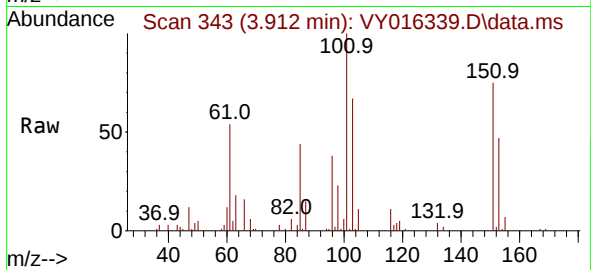
Tgt Ion: 74 Resp: 17777
 Ion Ratio Lower Upper
 74 100
 45 93.7 51.5 154.5





#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.802 ug/l
RT: 3.912 min Scan# 343
Delta R.T. -0.000 min
Lab File: VY016339.D
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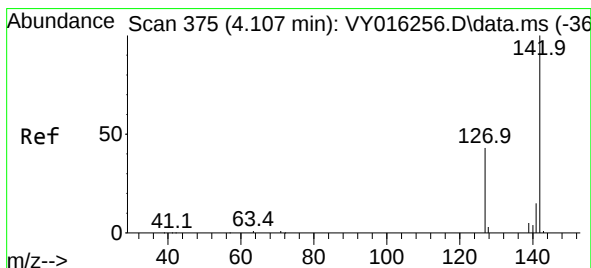
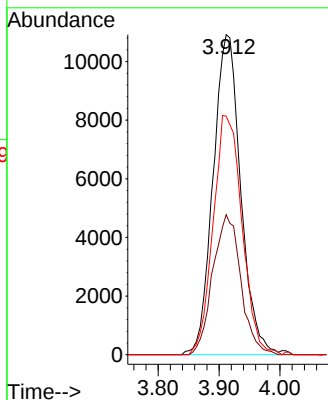
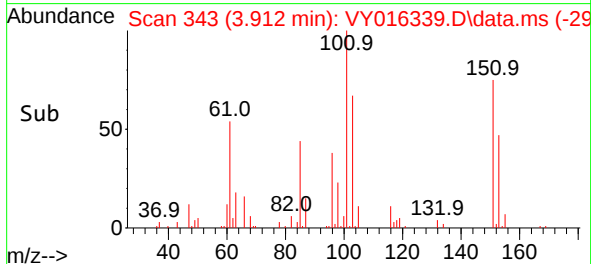
Instrument :
MSVOA_Y
ClientSampleId :
VY1114SBS01



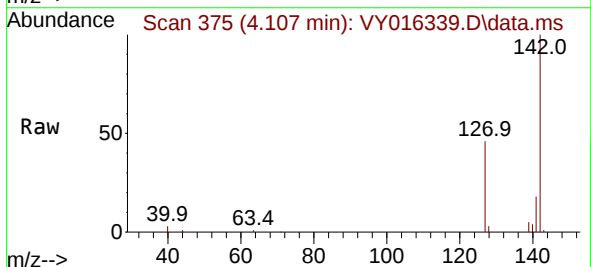
Tgt Ion:101 Resp: 3434
Ion Ratio Lower Upper
101 100
85 44.4 36.6 55.0
151 78.0 67.0 100.6

Manual Integrations
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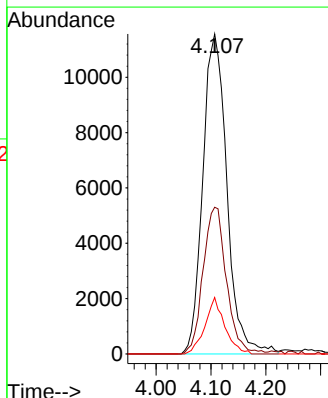
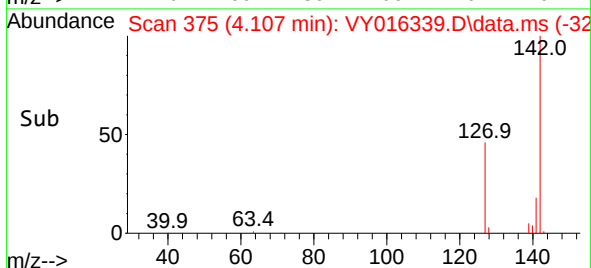
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023



#10
Methyl Iodide
Concen: 17.884 ug/l
RT: 4.107 min Scan# 375
Delta R.T. -0.000 min
Lab File: VY016339.D
Acq: 14 Nov 2023 10:53



Tgt Ion:142 Resp: 35281
Ion Ratio Lower Upper
142 100
127 44.4 37.6 56.4
141 14.4 11.8 17.8





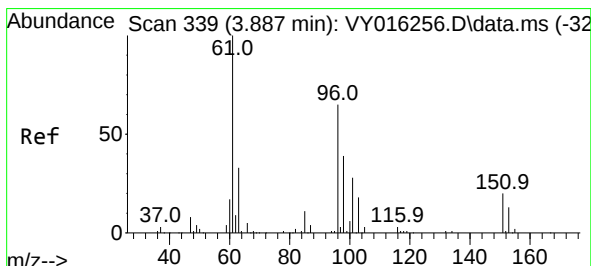
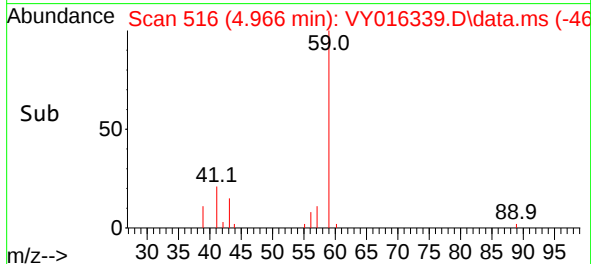
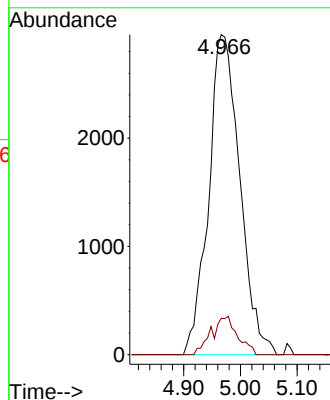
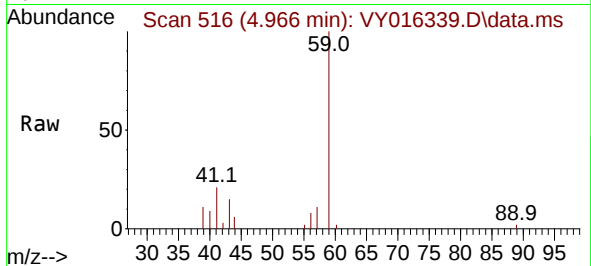
#11
Tert butyl alcohol
Concen: 93.364 ug/l
RT: 4.966 min Scan# 517
Delta R.T. -0.006 min
Lab File: VY016339.D
Acq: 14 Nov 2023 10:53

Instrument :
MSVOA_Y
ClientSampleId :
VY1114SBS01

Tgt Ion: 59 Resp: 11290
Ion Ratio Lower Upper
59 100
57 10.0 3.0 4.4

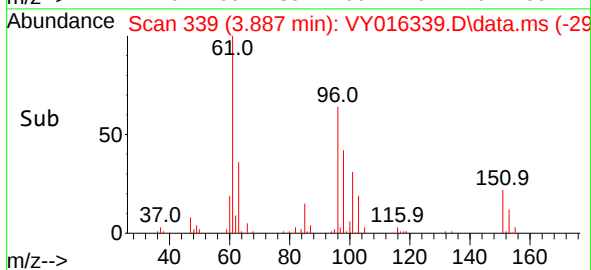
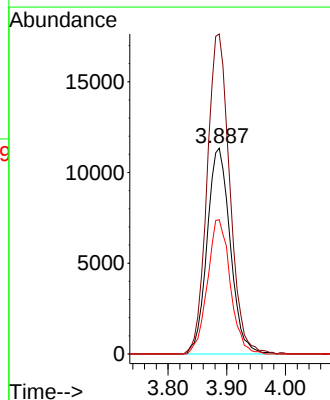
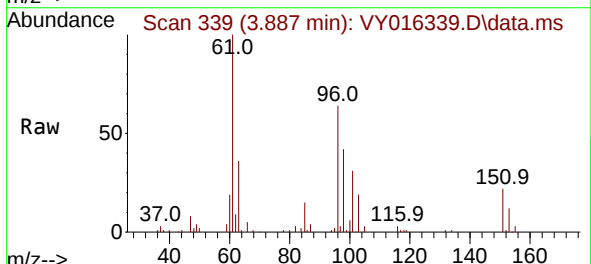
Manual Integrations
APPROVED

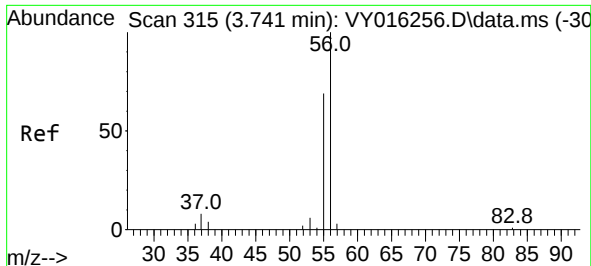
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023



#12
1,1-Dichloroethene
Concen: 18.193 ug/l
RT: 3.887 min Scan# 339
Delta R.T. -0.000 min
Lab File: VY016339.D
Acq: 14 Nov 2023 10:53

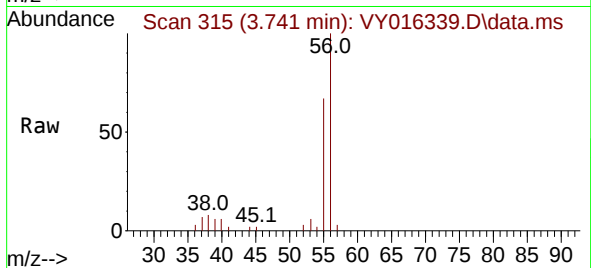
Tgt Ion: 96 Resp: 31079
Ion Ratio Lower Upper
96 100
61 155.6 136.4 204.6
98 65.3 49.4 74.2





#13
Acrolein
Concen: 101.717 ug/l
RT: 3.741 min Scan# 315
Delta R.T. -0.000 min
Lab File: VY016339.D
Acq: 14 Nov 2023 10:53

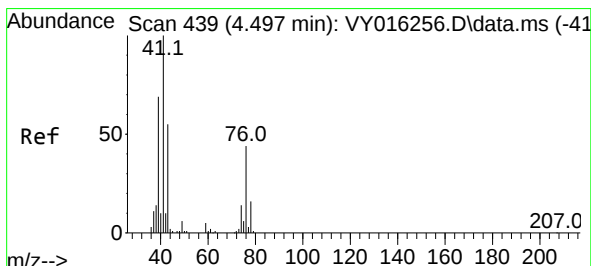
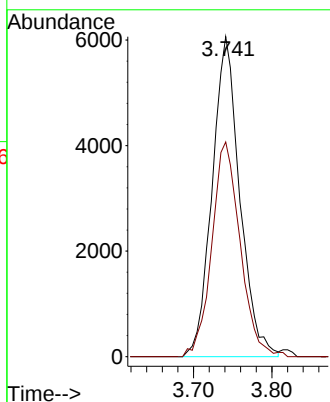
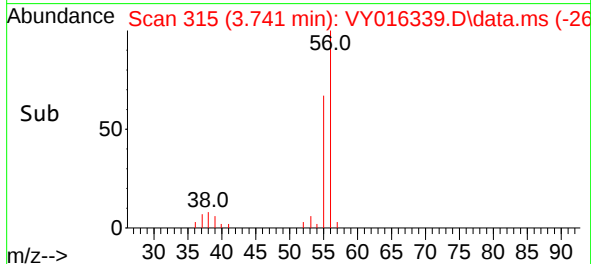
Instrument :
MSVOA_Y
ClientSampleId :
VY1114SBS01



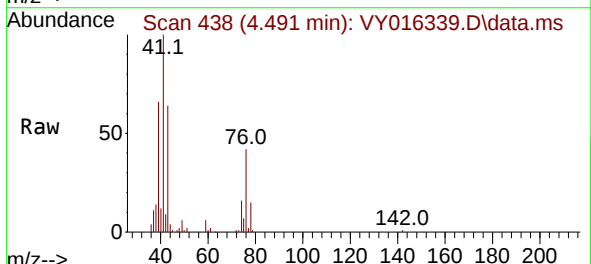
Tgt Ion: 56 Resp: 14844
Ion Ratio Lower Upper
56 100
55 68.9 57.0 85.4

Manual Integrations
APPROVED

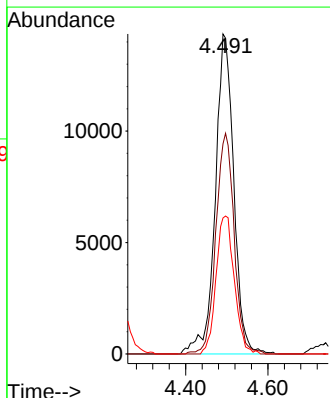
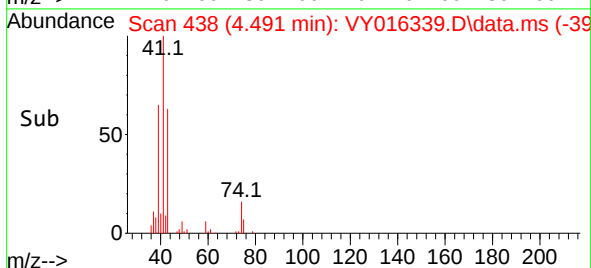
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023

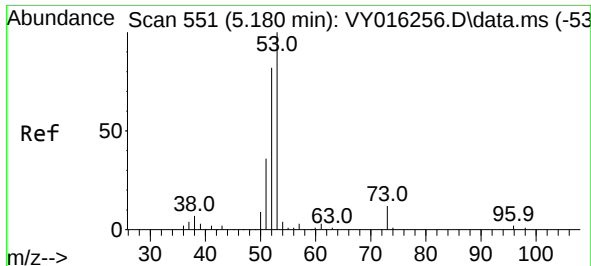


#14
Allyl chloride
Concen: 18.489 ug/l
RT: 4.491 min Scan# 438
Delta R.T. -0.006 min
Lab File: VY016339.D
Acq: 14 Nov 2023 10:53



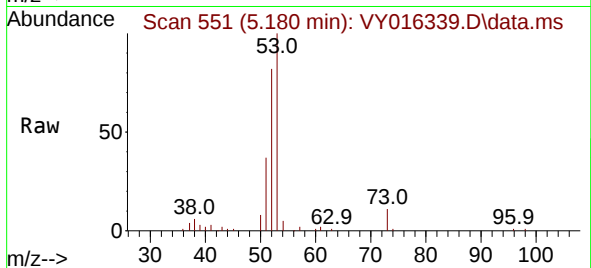
Tgt Ion: 41 Resp: 44822
Ion Ratio Lower Upper
41 100
39 68.3 58.0 87.0
76 42.6 27.4 41.2#





#15
Acrylonitrile
Concen: 102.001 ug/l
RT: 5.180 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY016339.D
Acq: 14 Nov 2023 10:53

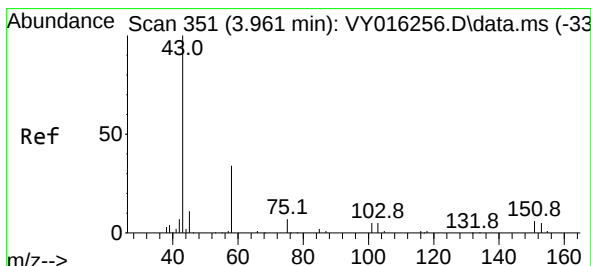
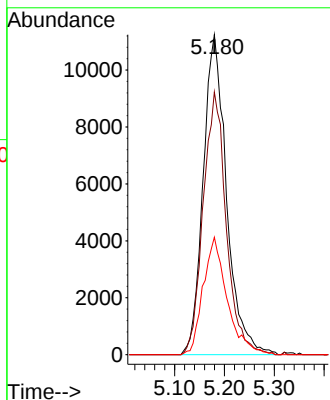
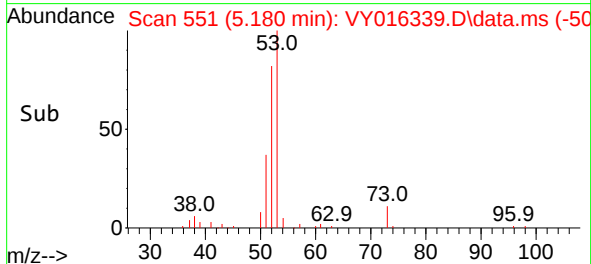
Instrument :
MSVOA_Y
ClientSampleId :
VY1114SBSD01



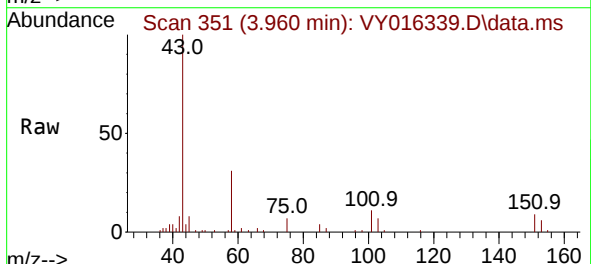
Tgt Ion: 53 Resp: 3669
Ion Ratio Lower Upper
53 100
52 80.9 66.9 100.3
51 37.7 29.8 44.6

Manual Integrations
APPROVED

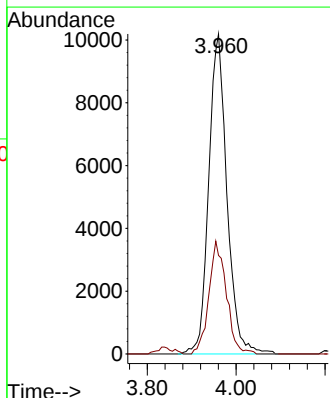
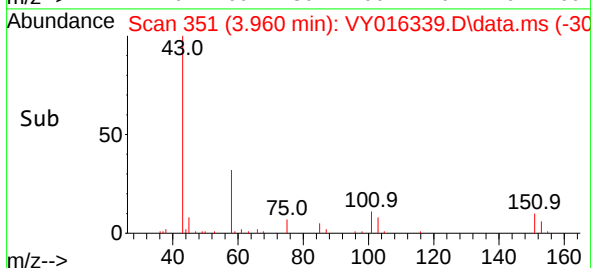
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023

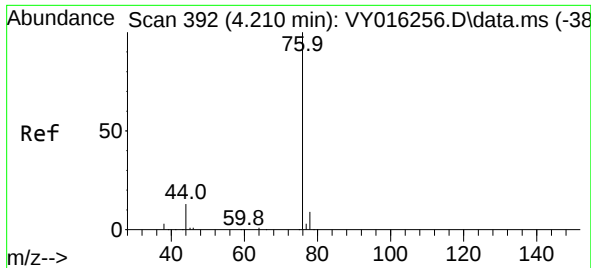


#16
Acetone
Concen: 113.535 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.000 min
Lab File: VY016339.D
Acq: 14 Nov 2023 10:53



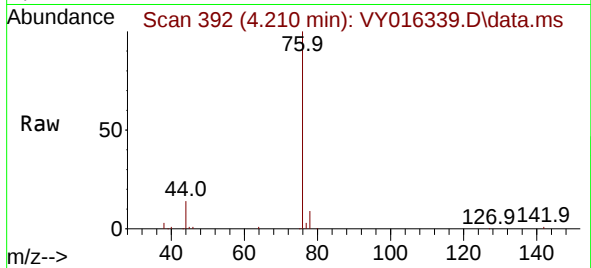
Tgt Ion: 43 Resp: 29016
Ion Ratio Lower Upper
43 100
58 30.8 22.7 34.1





#17
Carbon Disulfide
Concen: 16.160 ug/l
RT: 4.210 min Scan# 392
Delta R.T. -0.000 min
Lab File: VY016339.D
Acq: 14 Nov 2023 10:53

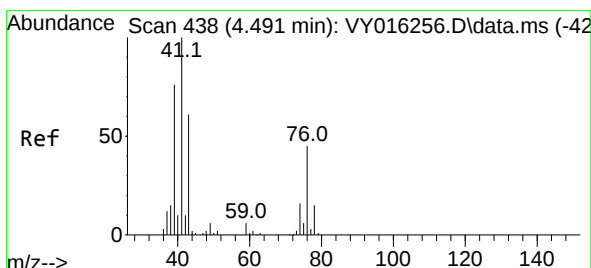
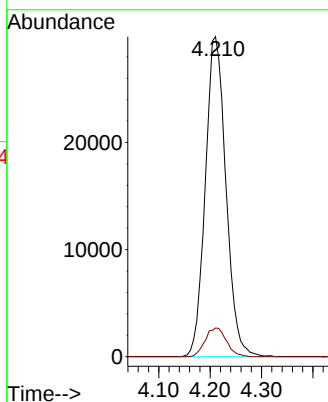
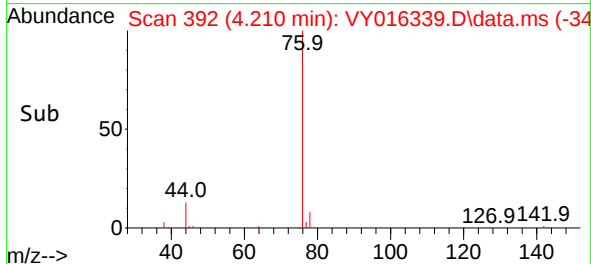
Instrument :
MSVOA_Y
ClientSampleId :
VY1114SBSD01



Tgt Ion: 76 Resp: 83294
Ion Ratio Lower Upper
76 100
78 9.0 7.0 10.4

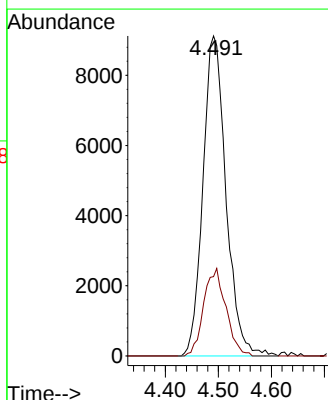
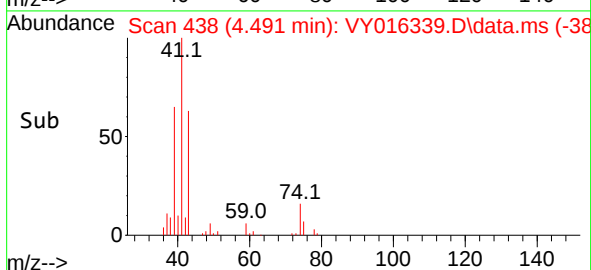
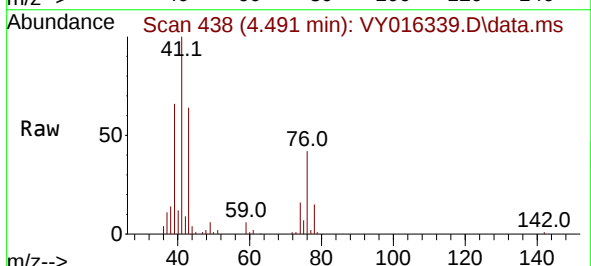
Manual Integrations
APPROVED

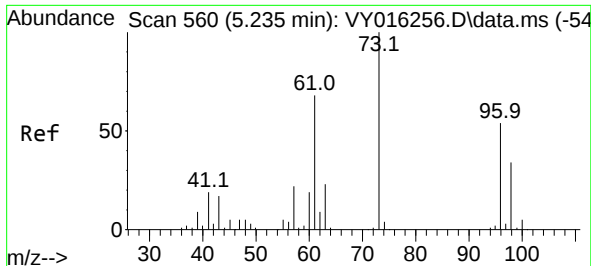
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023



#18
Methyl Acetate
Concen: 20.333 ug/l
RT: 4.491 min Scan# 438
Delta R.T. -0.000 min
Lab File: VY016339.D
Acq: 14 Nov 2023 10:53

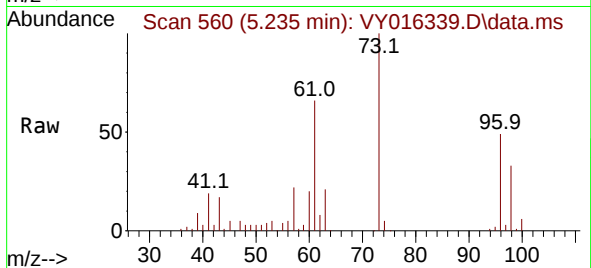
Tgt Ion: 43 Resp: 27613
Ion Ratio Lower Upper
43 100
74 26.3 17.4 26.0#





#19
Methyl tert-butyl Ether
Concen: 19.854 ug/l
RT: 5.235 min Scan# 50
Delta R.T. -0.000 min
Lab File: VY016339.D
Acq: 14 Nov 2023 10:53

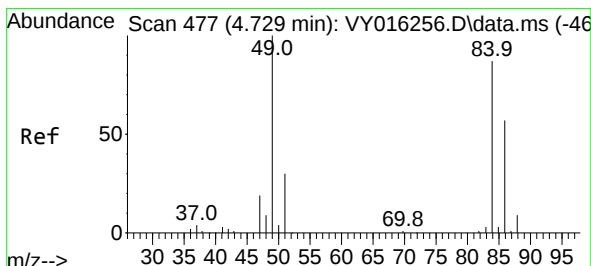
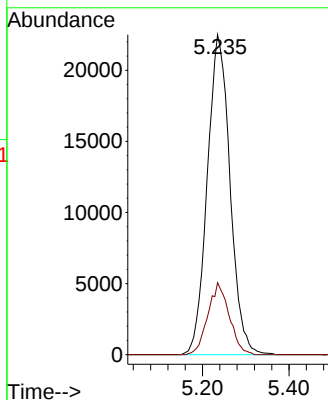
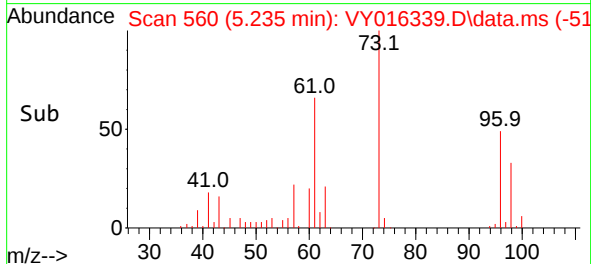
Instrument :
MSVOA_Y
ClientSampleId :
VY1114SBSD01



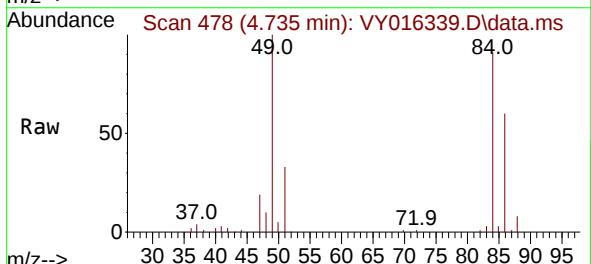
Tgt Ion: 73 Resp: 82089
Ion Ratio Lower Upper
73 100
57 22.5 17.3 25.9

Manual Integrations
APPROVED

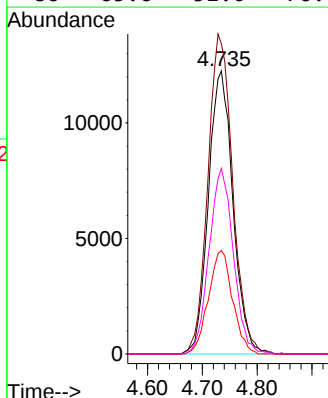
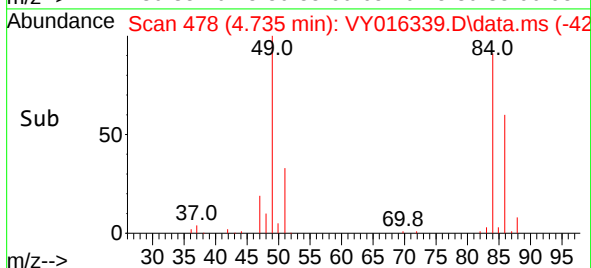
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023

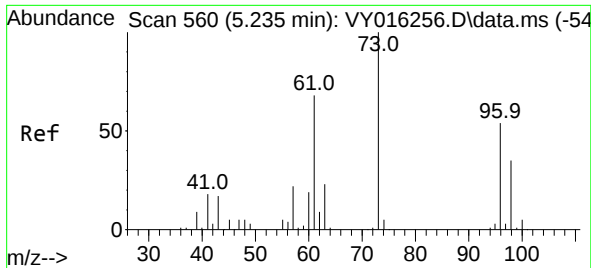


#20
Methylene Chloride
Concen: 18.960 ug/l
RT: 4.735 min Scan# 478
Delta R.T. 0.006 min
Lab File: VY016339.D
Acq: 14 Nov 2023 10:53



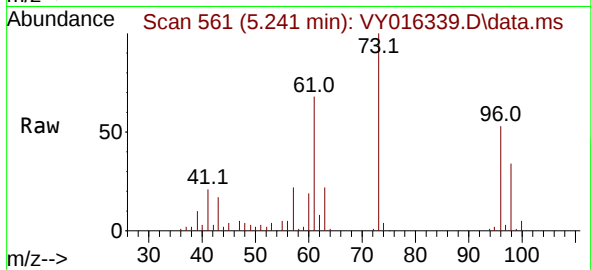
Tgt Ion: 84 Resp: 38133
Ion Ratio Lower Upper
84 100
49 109.6 106.9 160.3
51 36.5 33.2 49.8
86 65.6 51.0 76.6





#21
trans-1,2-Dichloroethene
Concen: 18.129 ug/l
RT: 5.241 min Scan# 50
Delta R.T. 0.006 min
Lab File: VY016339.D
Acq: 14 Nov 2023 10:53

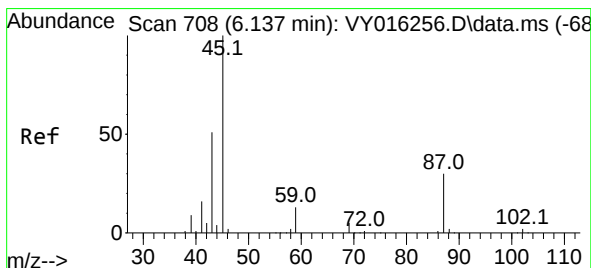
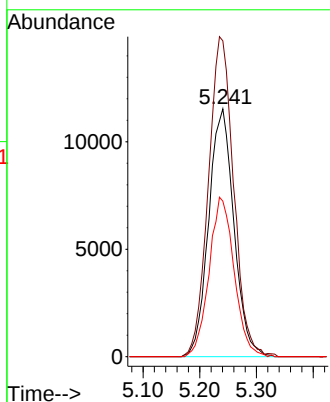
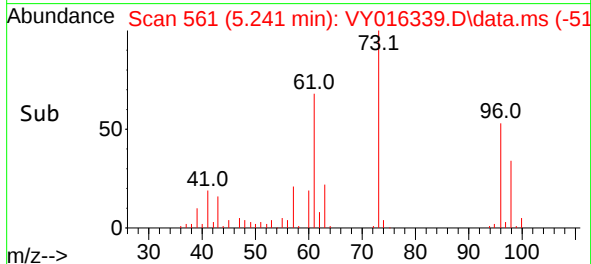
Instrument :
MSVOA_Y
ClientSampleId :
VY1114SBSD01



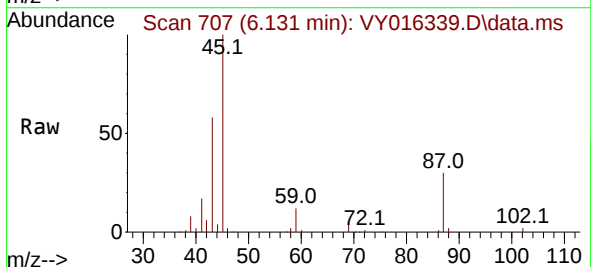
Tgt Ion: 96 Resp: 35659
Ion Ratio Lower Upper
96 100
61 127.5 110.2 165.4
98 62.7 51.8 77.6

Manual Integrations
APPROVED

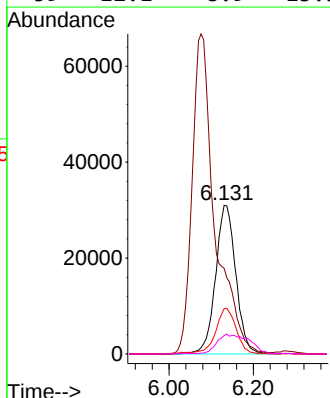
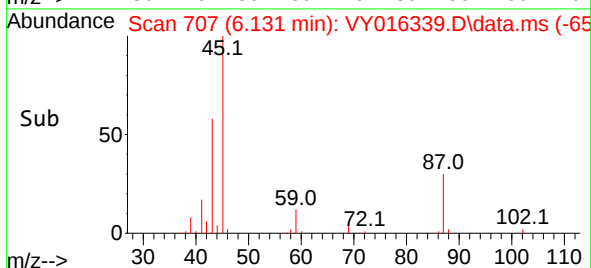
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023

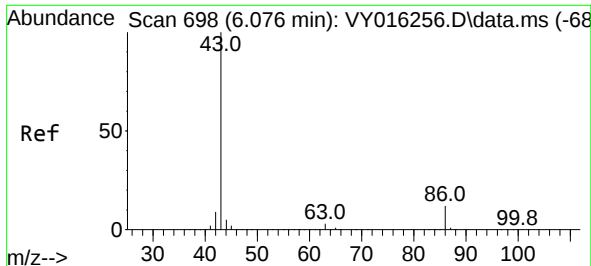


#22
Diisopropyl ether
Concen: 19.727 ug/l
RT: 6.131 min Scan# 707
Delta R.T. -0.006 min
Lab File: VY016339.D
Acq: 14 Nov 2023 10:53



Tgt Ion: 45 Resp: 103062
Ion Ratio Lower Upper
45 100
43 56.2 52.2 78.4
87 30.4 21.0 31.6
59 12.1 8.9 13.3





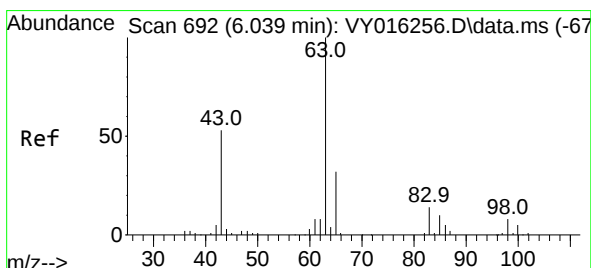
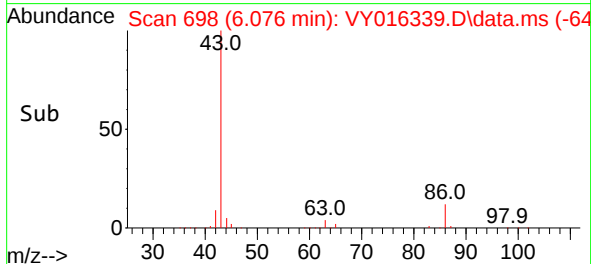
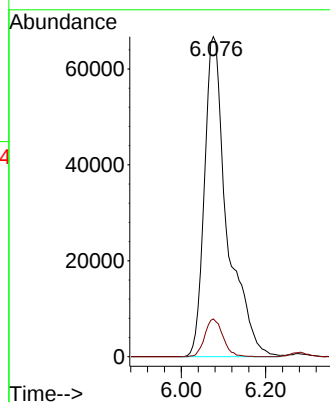
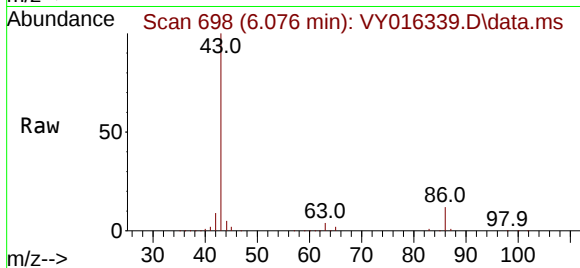
#23
 Vinyl Acetate
 Concen: 98.821 ug/l
 RT: 6.076 min Scan# 698
 Delta R.T. -0.000 min
 Lab File: VY016339.D
 Acq: 14 Nov 2023 10:53

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1114SBSD01

Tgt Ion: 43 Resp: 250162
 Ion Ratio Lower Upper
 43 100
 86 11.8 7.5 11.3

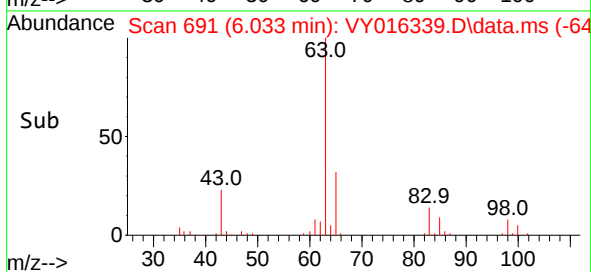
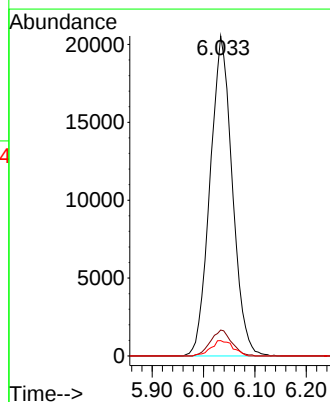
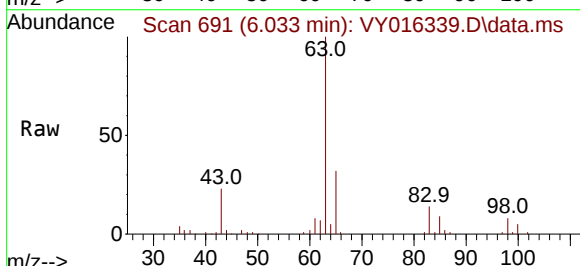
Manual Integrations
 APPROVED

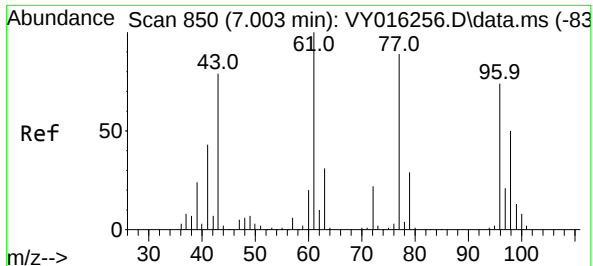
Reviewed By :Mahesh Dadoda 11/15/2023
 Supervised By :Semsettin Yesilyurt 11/15/2023



#24
 1,1-Dichloroethane
 Concen: 19.192 ug/l
 RT: 6.033 min Scan# 691
 Delta R.T. -0.006 min
 Lab File: VY016339.D
 Acq: 14 Nov 2023 10:53

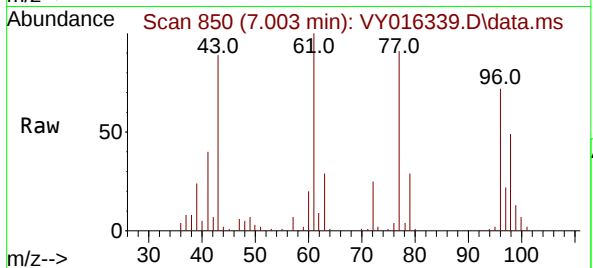
Tgt Ion: 63 Resp: 61857
 Ion Ratio Lower Upper
 63 100
 98 8.1 3.1 9.4
 100 4.8 1.8 5.5





#25
2-Butanone
Concen: 108.428 ug/l
RT: 7.003 min Scan# 850
Delta R.T. -0.000 min
Lab File: VY016339.D
Acq: 14 Nov 2023 10:53

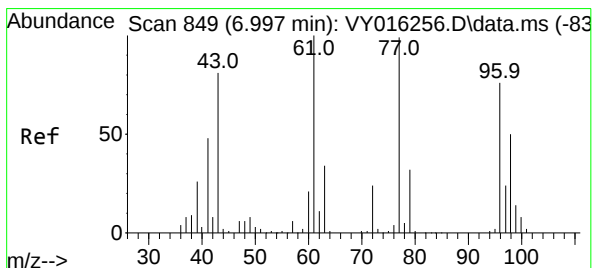
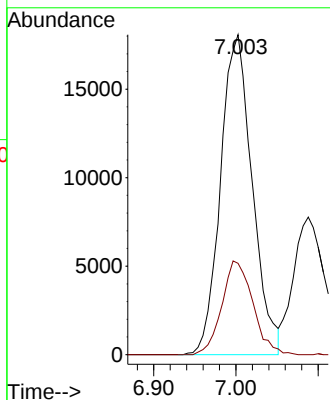
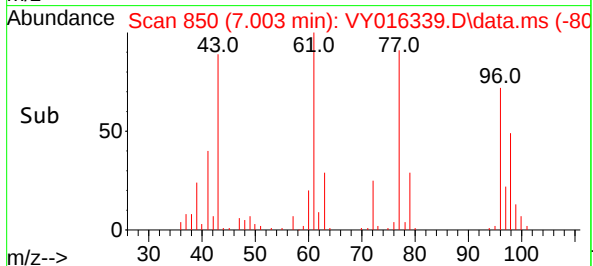
Instrument :
MSVOA_Y
ClientSampleId :
VY1114SBSD01



Tgt Ion: 43 Resp: 4853
Ion Ratio Lower Upper
43 100
72 28.5 20.5 30.7

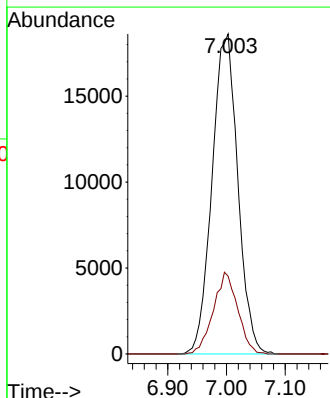
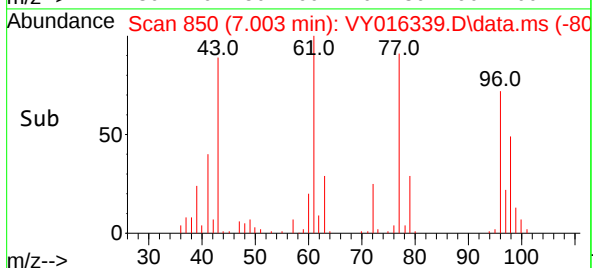
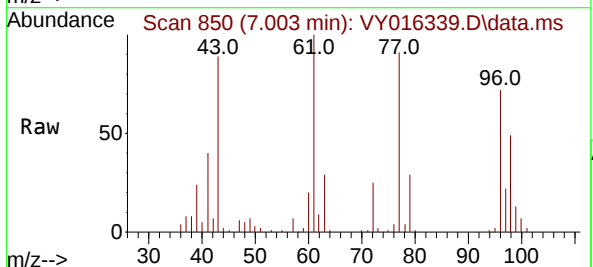
Manual Integrations
APPROVED

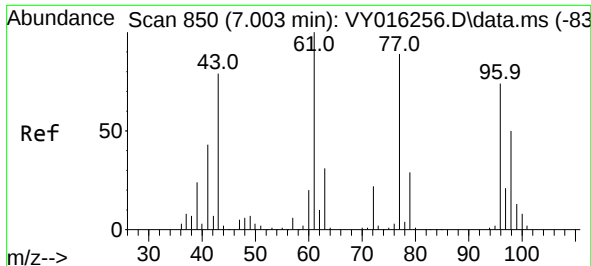
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023



#26
2,2-Dichloropropane
Concen: 19.324 ug/l
RT: 7.003 min Scan# 850
Delta R.T. 0.006 min
Lab File: VY016339.D
Acq: 14 Nov 2023 10:53

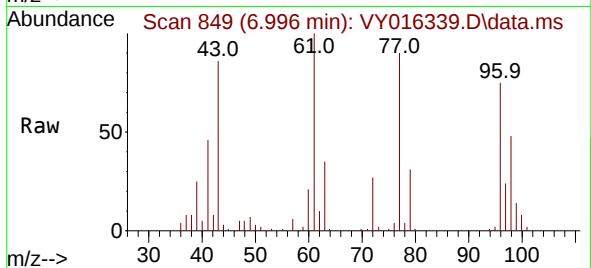
Tgt Ion: 77 Resp: 56684
Ion Ratio Lower Upper
77 100
97 24.1 10.9 32.9





#27
 cis-1,2-Dichloroethene
 Concen: 19.279 ug/l
 RT: 6.996 min Scan# 849
 Delta R.T. -0.006 min
 Lab File: VY016339.D
 Acq: 14 Nov 2023 10:53

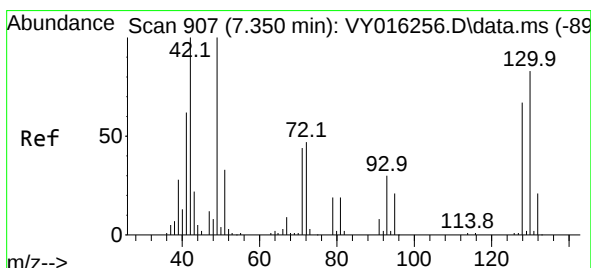
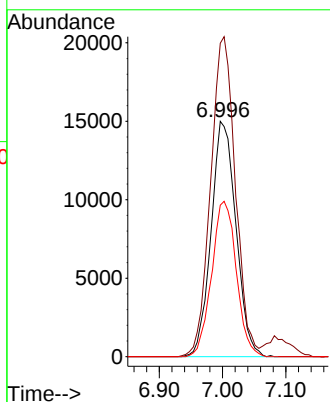
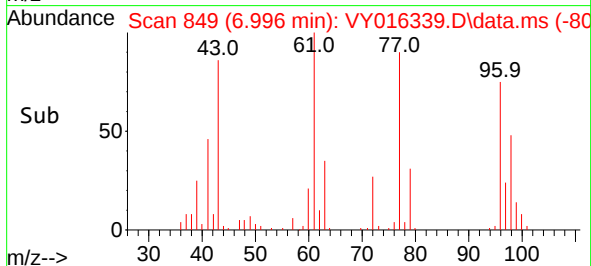
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1114SBS01



Tgt Ion: 96 Resp: 4086
 Ion Ratio Lower Upper
 96 100
 61 135.7 0.0 301.4
 98 65.7 0.0 130.4

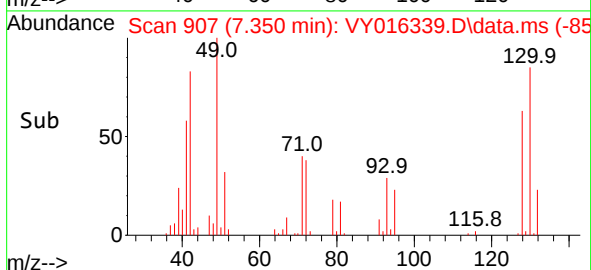
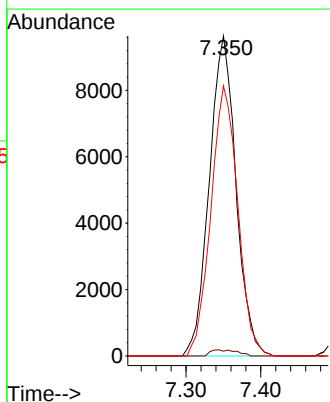
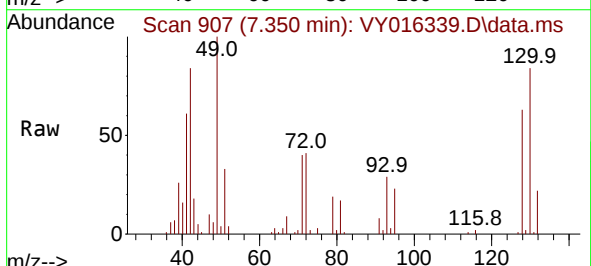
Manual Integrations
 APPROVED

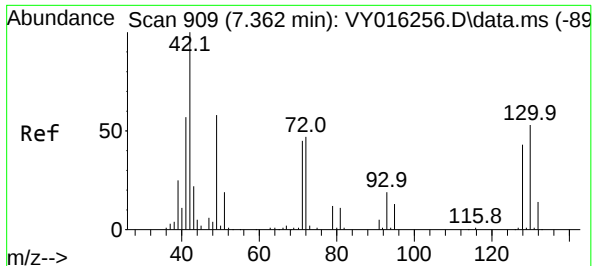
Reviewed By :Mahesh Dadoda 11/15/2023
 Supervised By :Semsettin Yesilyurt 11/15/2023



#28
 Bromochloromethane
 Concen: 20.056 ug/l
 RT: 7.350 min Scan# 907
 Delta R.T. -0.000 min
 Lab File: VY016339.D
 Acq: 14 Nov 2023 10:53

Tgt Ion: 49 Resp: 23924
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 4.6
 130 85.2 60.7 91.1





#29

Tetrahydrofuran

Concen: 100.511 ug/l

RT: 7.362 min Scan# 909

Delta R.T. -0.000 min

Lab File: VY016339.D

Acq: 14 Nov 2023 10:53

Instrument :

MSVOA_Y

ClientSampleId :

VY1114SBSD01

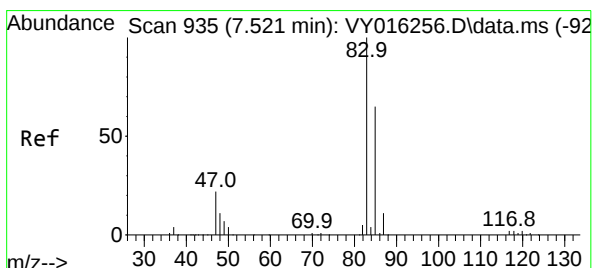
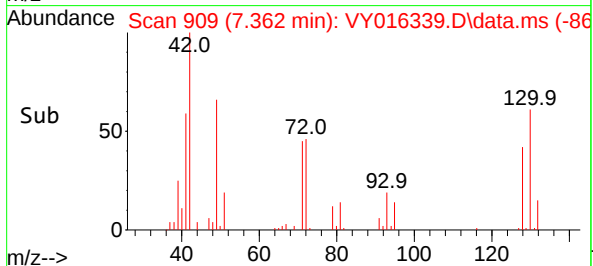
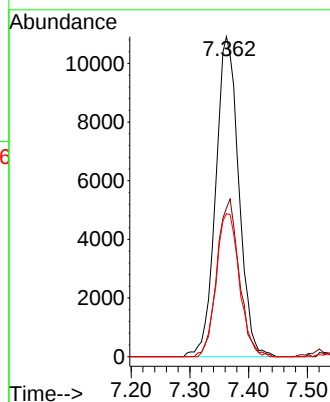
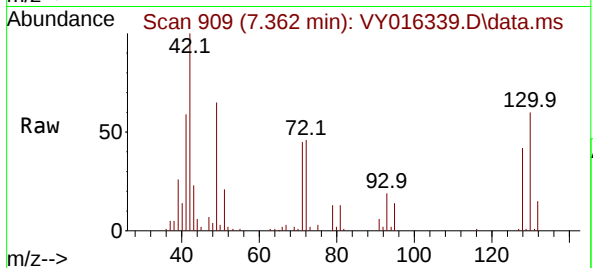
Tgt Ion: 42 Resp: 29739

Ion	Ratio	Lower	Upper
42	100		
72	47.6	32.8	49.2
71	44.9	31.0	46.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023



#30

Chloroform

Concen: 19.616 ug/l

RT: 7.521 min Scan# 935

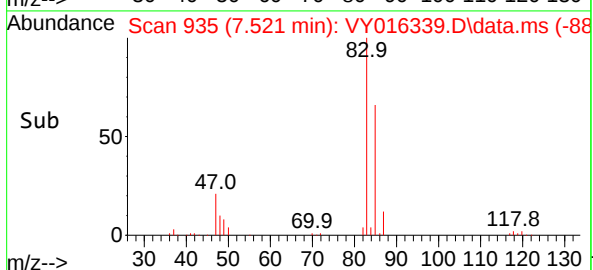
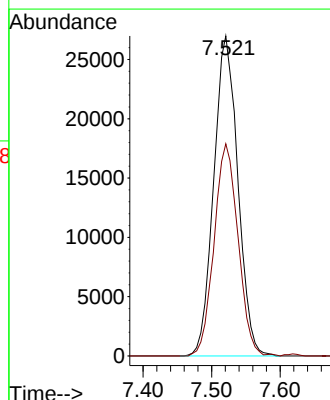
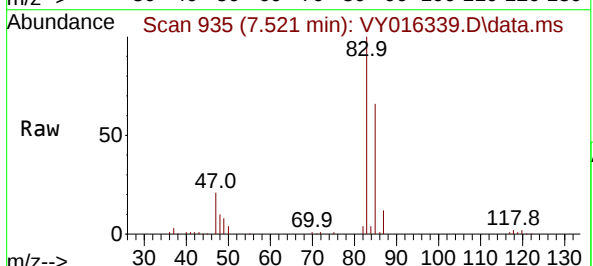
Delta R.T. -0.000 min

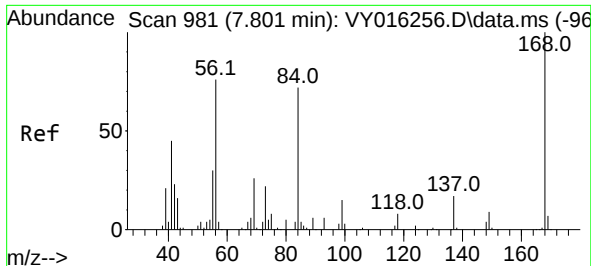
Lab File: VY016339.D

Acq: 14 Nov 2023 10:53

Tgt Ion: 83 Resp: 65809

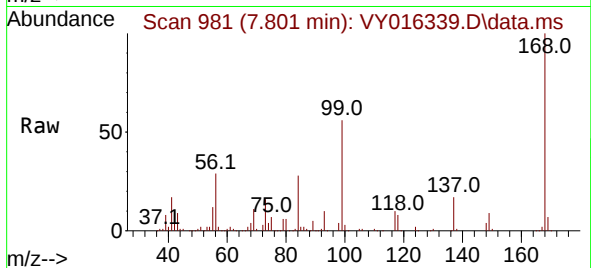
Ion	Ratio	Lower	Upper
83	100		
85	66.3	49.7	74.5





#31
Cyclohexane
Concen: 17.648 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY016339.D
Acq: 14 Nov 2023 10:53

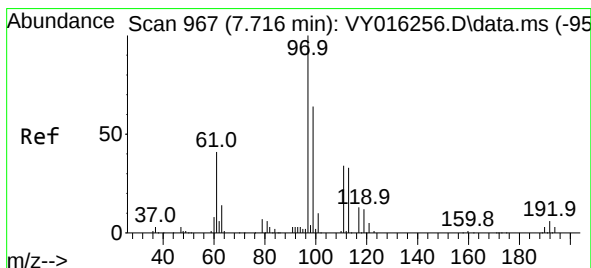
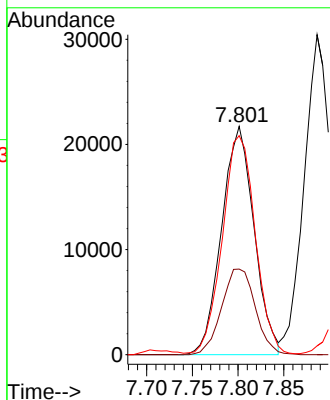
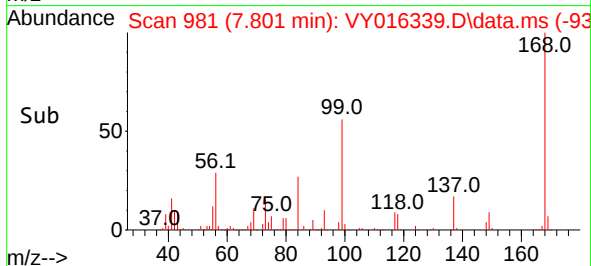
Instrument :
MSVOA_Y
ClientSampleId :
VY1114SBSD01



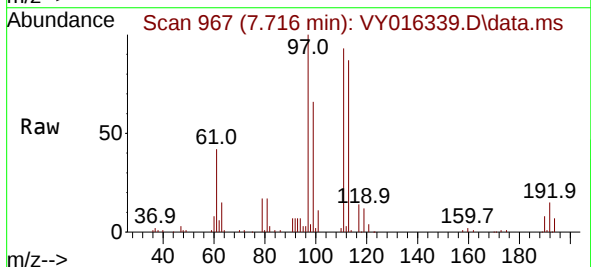
Tgt Ion: 56 Resp: 53684
Ion Ratio Lower Upper
56 100
69 37.5 27.8 41.6
84 94.9 66.4 99.6

Manual Integrations
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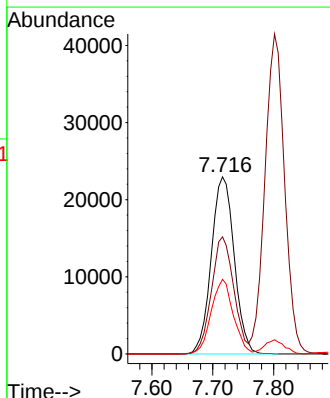
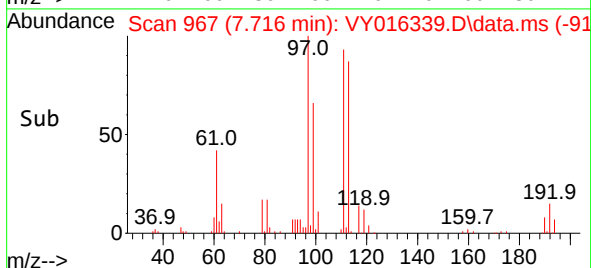
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023

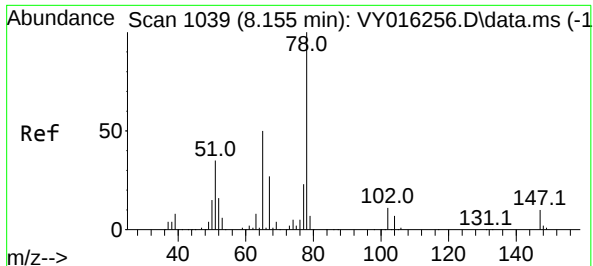


#32
1,1,1-Trichloroethane
Concen: 19.499 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY016339.D
Acq: 14 Nov 2023 10:53



Tgt Ion: 97 Resp: 59965
Ion Ratio Lower Upper
97 100
99 64.7 50.8 76.2
61 40.6 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 48.894 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. -0.000 min

Lab File: VY016339.D

Acq: 14 Nov 2023 10:53

Instrument :

MSVOA_Y

ClientSampleId :

VY1114SBS01

Tgt Ion: 65 Resp: 75544

Ion Ratio Lower Upper

65 100

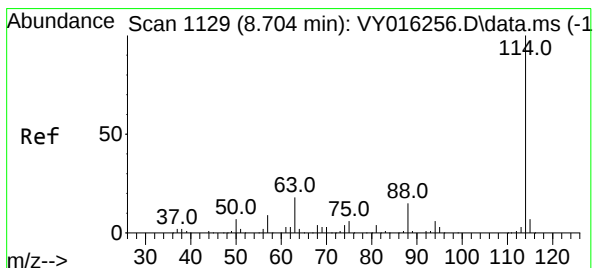
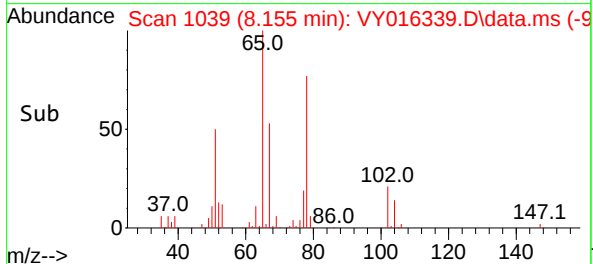
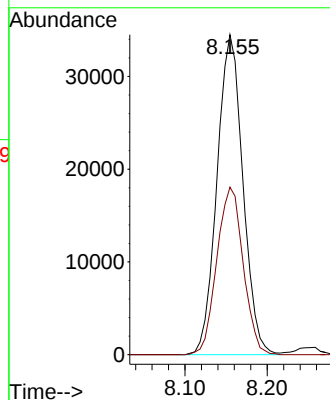
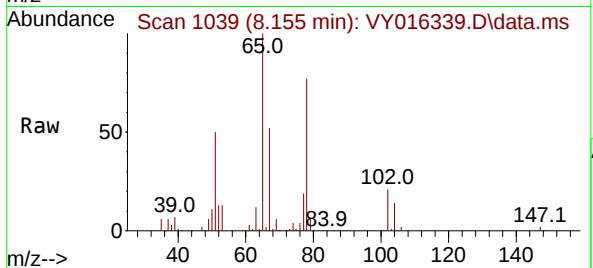
67 53.2 0.0 101.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/15/2023

Supervised By :Semsettin Yesilyurt 11/15/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.703 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VY016339.D

Acq: 14 Nov 2023 10:53

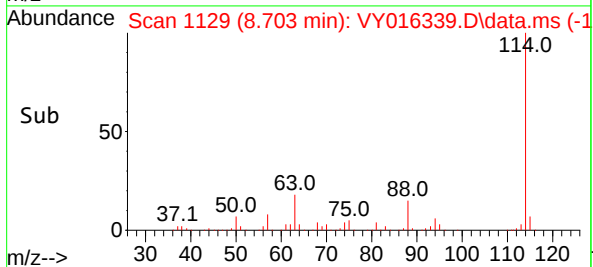
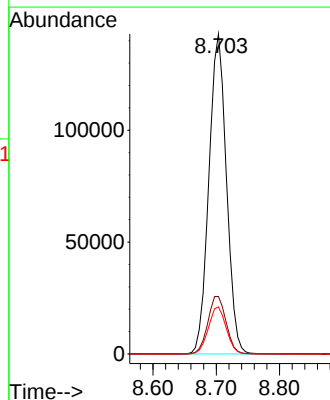
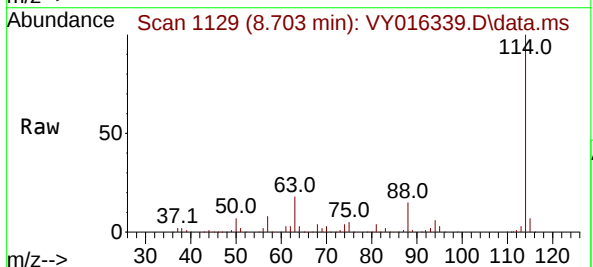
Tgt Ion:114 Resp: 275742

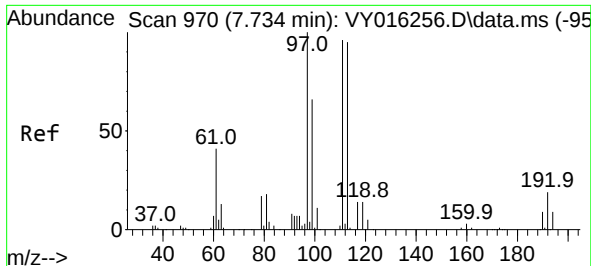
Ion Ratio Lower Upper

114 100

63 18.0 0.0 42.4

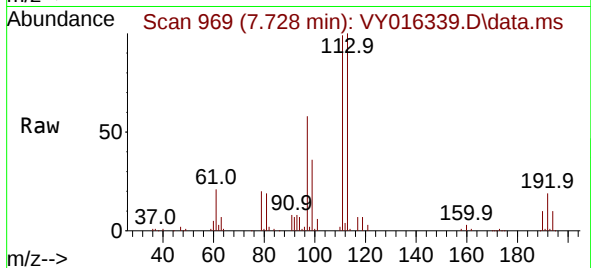
88 14.7 0.0 30.6





#35
Dibromofluoromethane
Concen: 49.813 ug/l
RT: 7.728 min Scan# 90
Delta R.T. -0.006 min
Lab File: VY016339.D
Acq: 14 Nov 2023 10:53

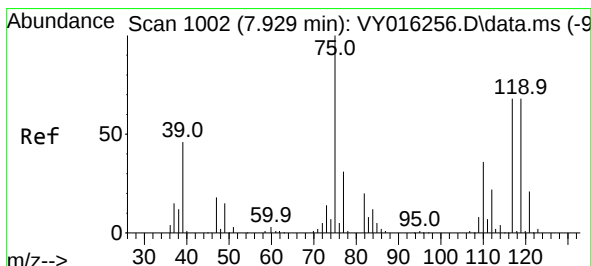
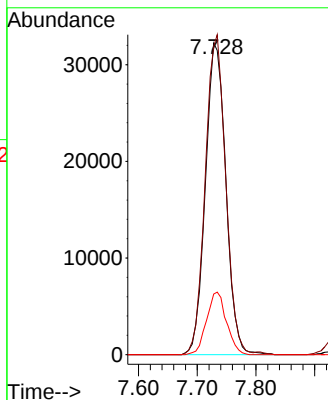
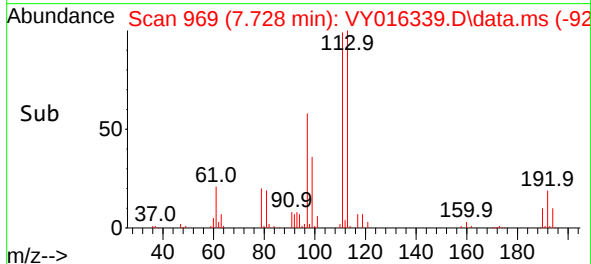
Instrument :
MSVOA_Y
ClientSampleId :
VY1114SBS01



Tgt Ion:113 Resp: 7802
Ion Ratio Lower Upper
113 100
111 102.4 81.3 121.9
192 19.5 16.9 25.3

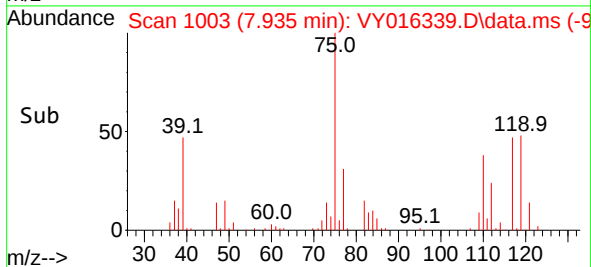
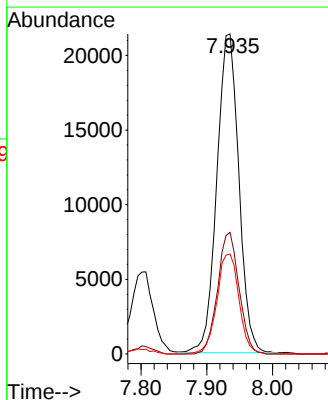
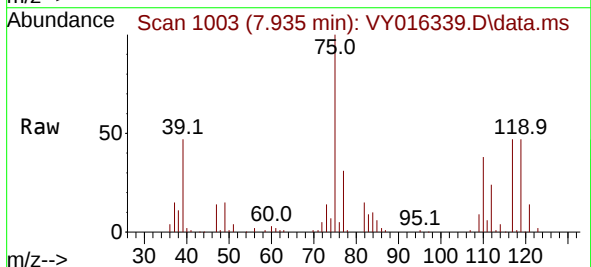
Manual Integrations
APPROVED

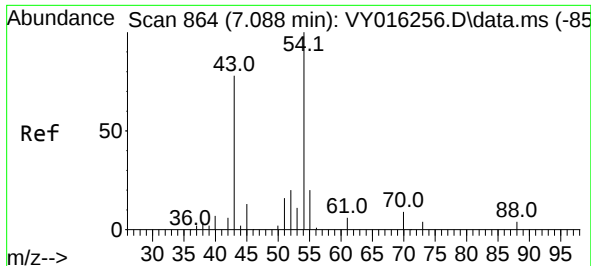
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023



#36
1,1-Dichloropropene
Concen: 18.297 ug/l
RT: 7.935 min Scan# 1003
Delta R.T. 0.006 min
Lab File: VY016339.D
Acq: 14 Nov 2023 10:53

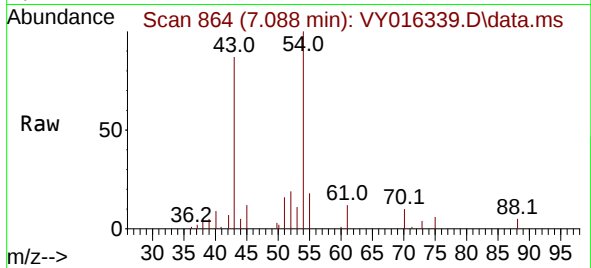
Tgt Ion: 75 Resp: 49767
Ion Ratio Lower Upper
75 100
110 37.0 17.8 53.5
77 31.5 24.4 36.6





#37
Ethyl Acetate
Concen: 19.235 ug/l
RT: 7.088 min Scan# 864
Delta R.T. -0.000 min
Lab File: VY016339.D
Acq: 14 Nov 2023 10:53

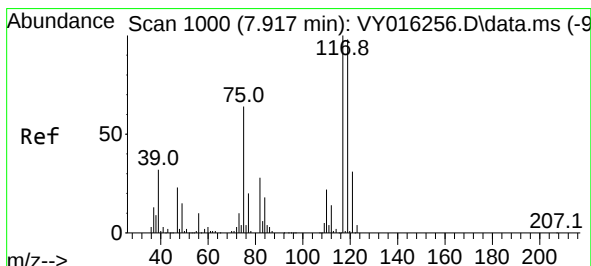
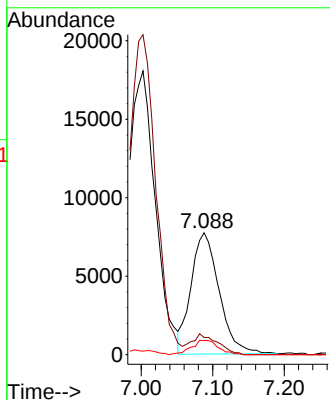
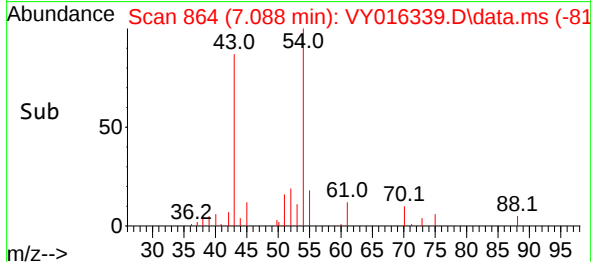
Instrument :
MSVOA_Y
ClientSampleId :
VY1114SBSD01



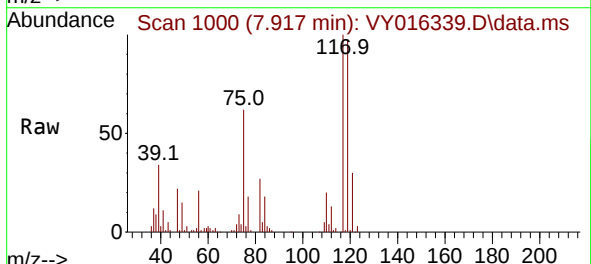
Tgt Ion: 43 Resp: 21139
Ion Ratio Lower Upper
43 100
61 16.0 10.1 15.1
70 11.3 7.1 10.7

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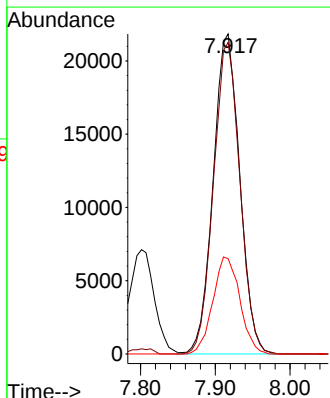
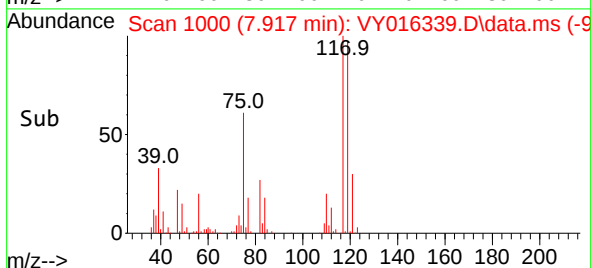
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023



#38
Carbon Tetrachloride
Concen: 19.131 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VY016339.D
Acq: 14 Nov 2023 10:53



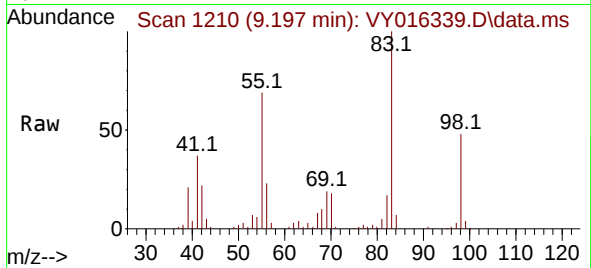
Tgt Ion:117 Resp: 54004
Ion Ratio Lower Upper
117 100
119 97.4 76.4 114.6
121 29.8 25.8 38.6





#39
Methylcyclohexane
Concen: 17.515 ug/l
RT: 9.197 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016339.D
Acq: 14 Nov 2023 10:53

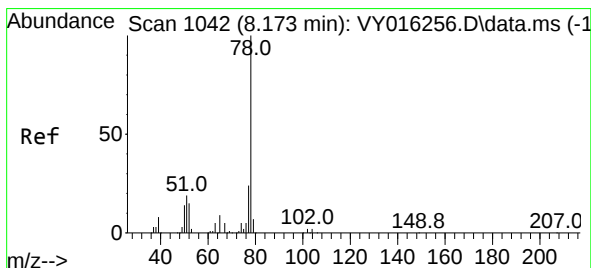
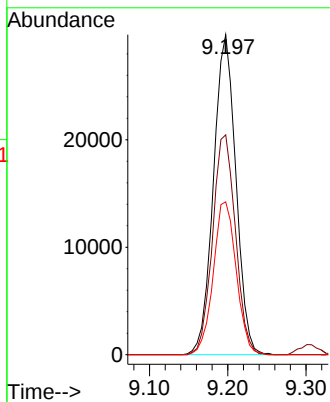
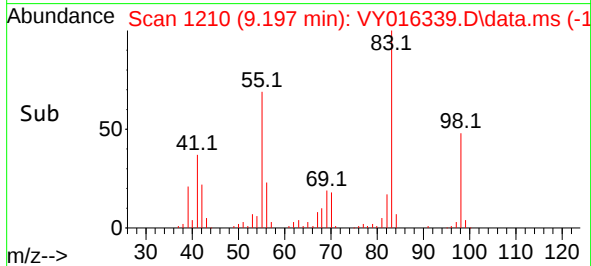
Instrument :
MSVOA_Y
ClientSampleId :
VY1114SBSD01



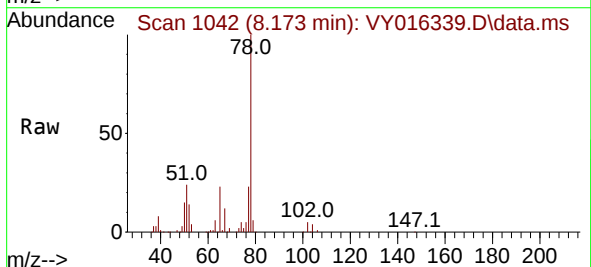
Tgt Ion: 83 Resp: 59362
Ion Ratio Lower Upper
83 100
55 68.7 63.0 94.4
98 47.7 37.4 56.2

Manual Integrations
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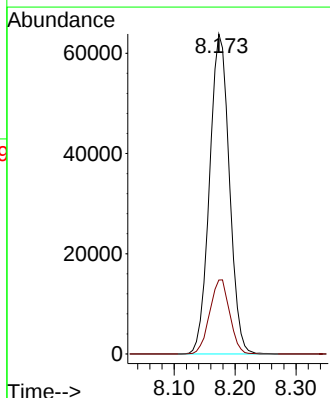
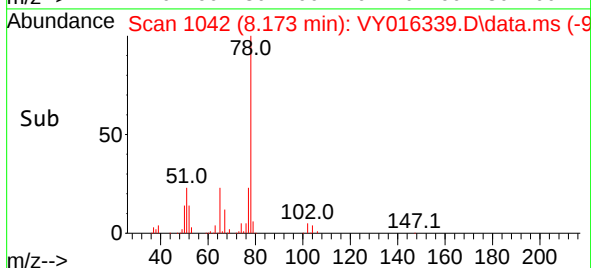
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023

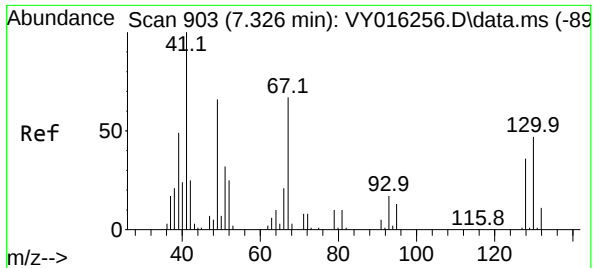


#40
Benzene
Concen: 18.844 ug/l
RT: 8.173 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VY016339.D
Acq: 14 Nov 2023 10:53



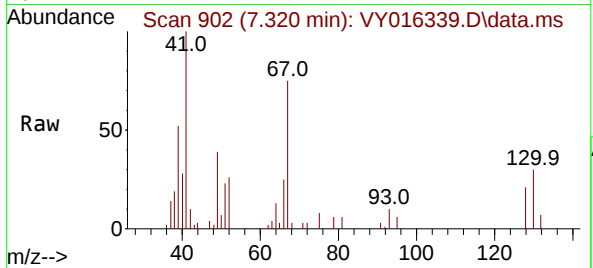
Tgt Ion: 78 Resp: 143997
Ion Ratio Lower Upper
78 100
77 23.1 19.0 28.6





#41
Methacrylonitrile
Concen: 21.591 ug/l
RT: 7.320 min Scan# 903
Delta R.T. -0.006 min
Lab File: VY016339.D
Acq: 14 Nov 2023 10:53

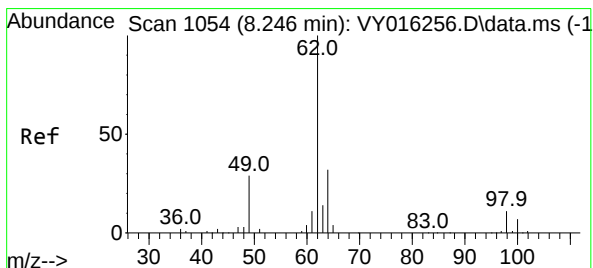
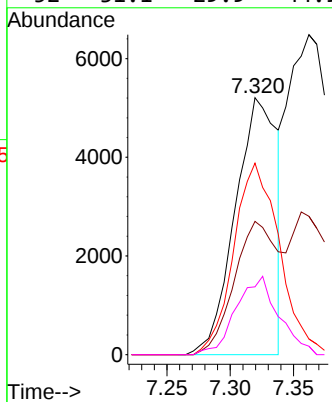
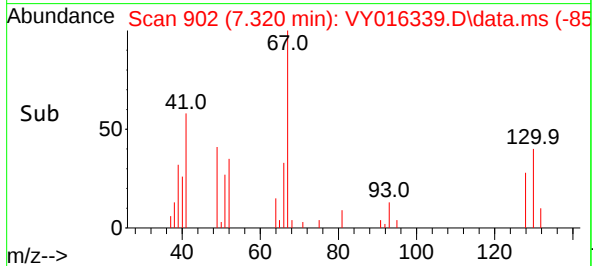
Instrument :
MSVOA_Y
ClientSampleId :
VY1114SBSD01



Tgt Ion: 41 Resp: 11964
Ion Ratio Lower Upper
41 100
39 57.8 52.1 78.1
67 82.3 66.2 99.2
52 31.1 29.9 44.9

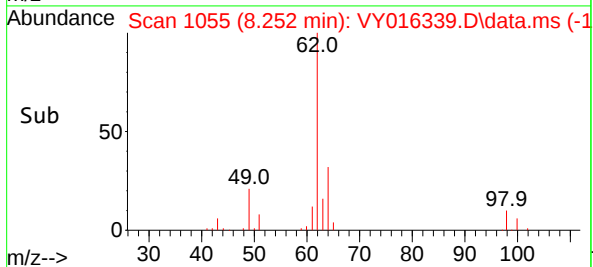
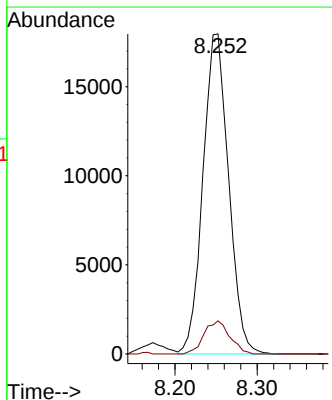
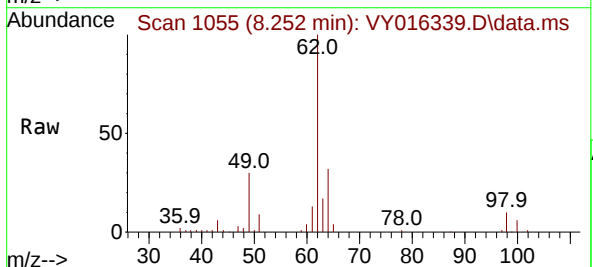
Manual Integrations
APPROVED

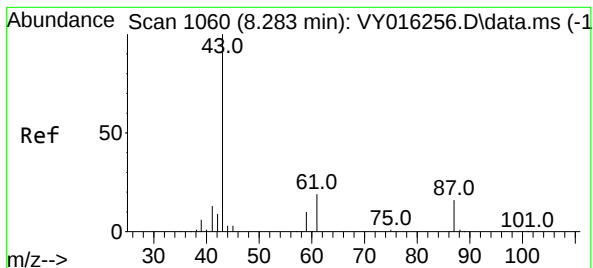
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023



#42
1,2-Dichloroethane
Concen: 19.666 ug/l
RT: 8.252 min Scan# 1055
Delta R.T. 0.006 min
Lab File: VY016339.D
Acq: 14 Nov 2023 10:53

Tgt Ion: 62 Resp: 38939
Ion Ratio Lower Upper
62 100
98 10.4 0.0 15.8





#43

Isopropyl Acetate

Concen: 20.045 ug/l

RT: 8.283 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VY016339.D

Acq: 14 Nov 2023 10:53

Instrument :

MSVOA_Y

ClientSampleId :

VY1114SBS01

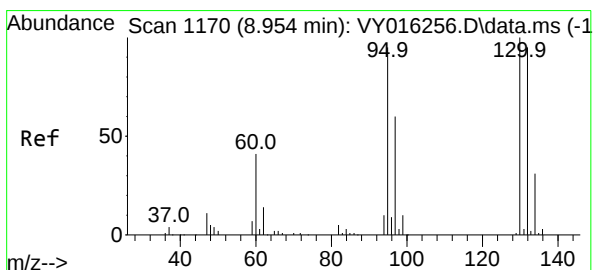
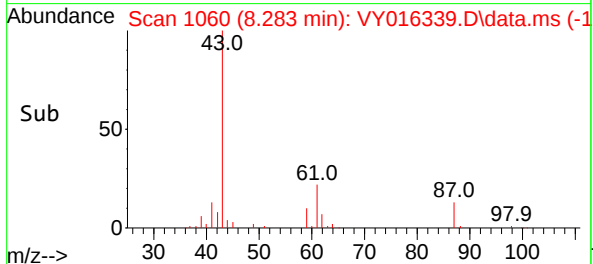
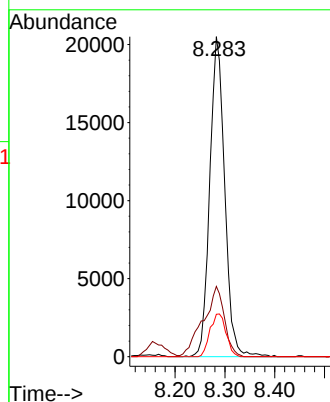
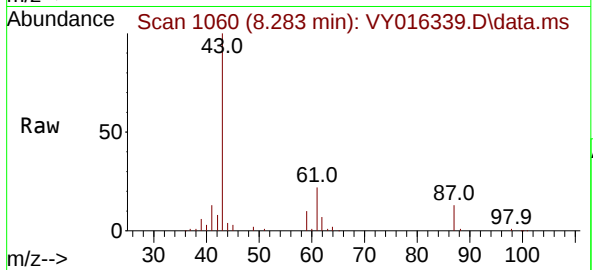
Tgt Ion: 43 Resp: 4258

Ion	Ratio	Lower	Upper
43	100		
61	31.1	21.1	31.7
87	14.4	9.8	14.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023



#44

Trichloroethene

Concen: 18.849 ug/l

RT: 8.953 min Scan# 1170

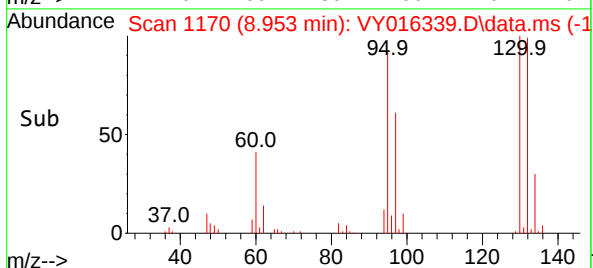
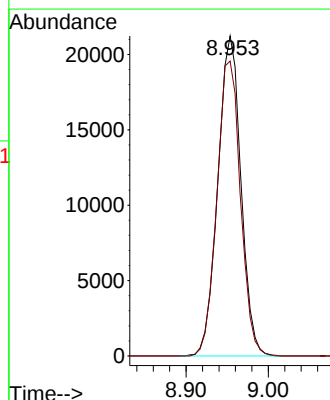
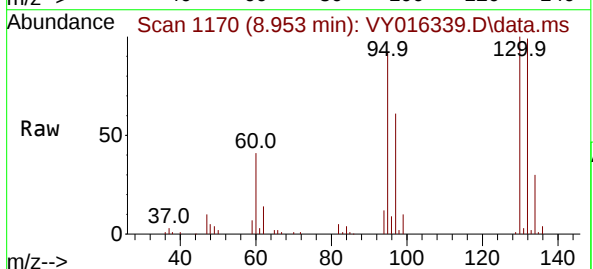
Delta R.T. -0.000 min

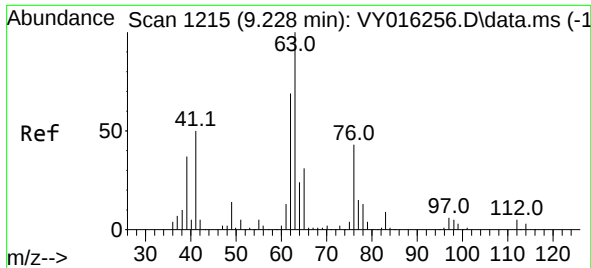
Lab File: VY016339.D

Acq: 14 Nov 2023 10:53

Tgt Ion:130 Resp: 41395

Ion	Ratio	Lower	Upper
130	100		
95	92.2	0.0	196.0





#45

1,2-Dichloropropane

Concen: 19.545 ug/l

RT: 9.228 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VY016339.D

Acq: 14 Nov 2023 10:53

Instrument :

MSVOA_Y

ClientSampleId :

VY1114SBSD01

Tgt Ion: 63 Resp: 3586

Ion Ratio Lower Upper

63 100

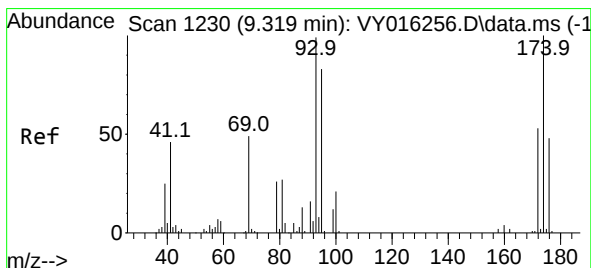
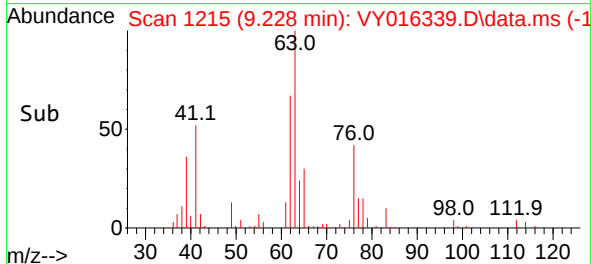
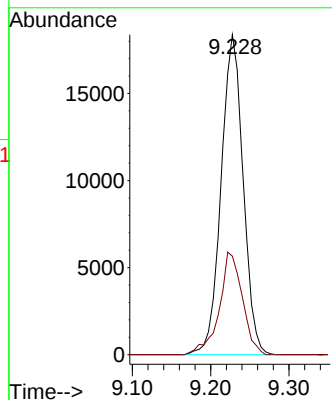
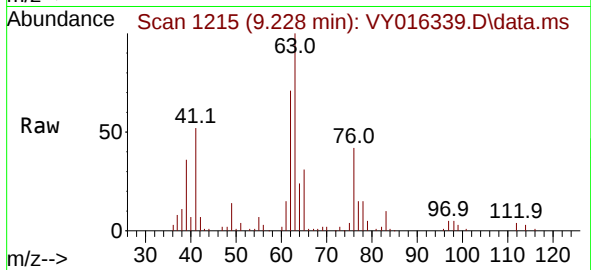
65 30.8 23.8 35.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/15/2023

Supervised By :Semsettin Yesilyurt 11/15/2023



#46

Dibromomethane

Concen: 19.960 ug/l

RT: 9.319 min Scan# 1230

Delta R.T. -0.000 min

Lab File: VY016339.D

Acq: 14 Nov 2023 10:53

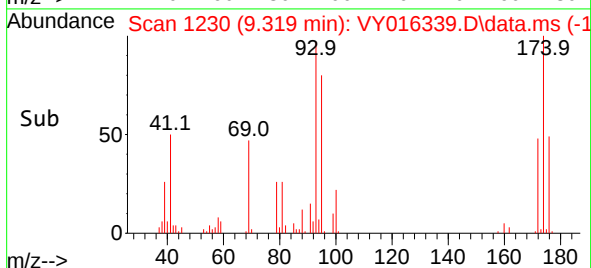
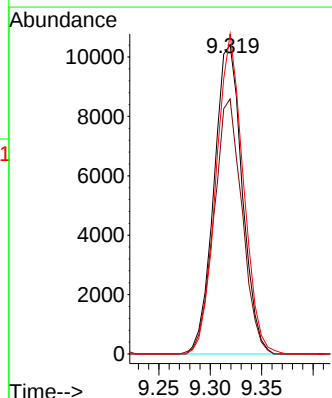
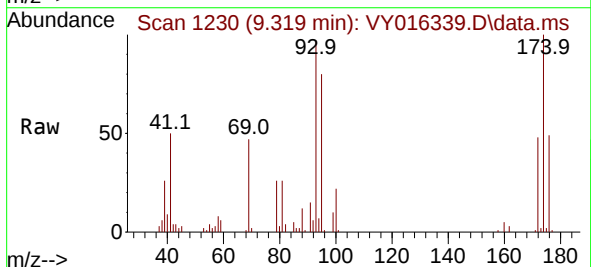
Tgt Ion: 93 Resp: 19850

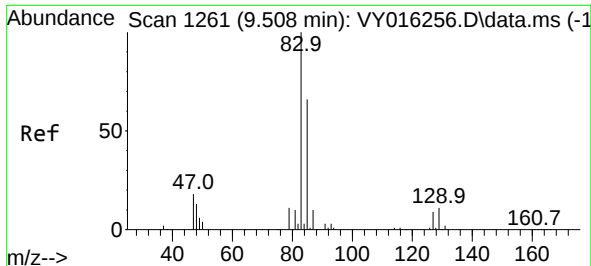
Ion Ratio Lower Upper

93 100

95 82.1 66.6 100.0

174 99.8 84.8 127.2





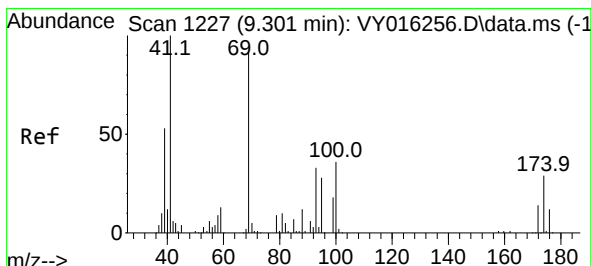
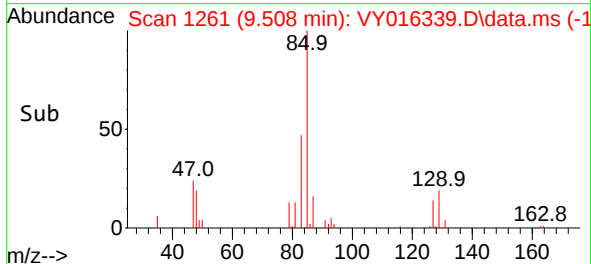
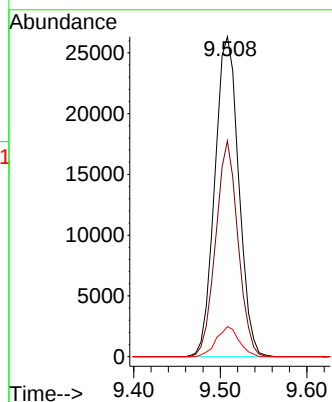
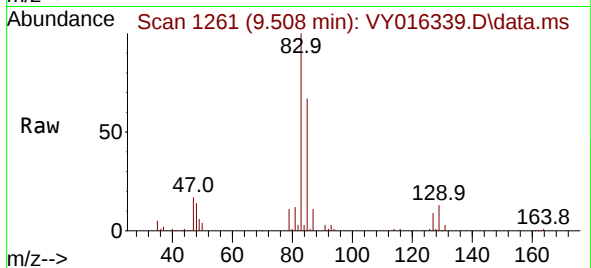
#47
Bromodichloromethane
Concen: 19.723 ug/l
RT: 9.508 min Scan# 1261
Delta R.T. -0.000 min
Lab File: VY016339.D
Acq: 14 Nov 2023 10:53

Instrument :
MSVOA_Y
ClientSampleId :
VY1114SBSD01

Tgt Ion: 83 Resp: 50428
Ion Ratio Lower Upper
83 100
85 67.4 50.1 75.1
127 9.4 7.1 10.7

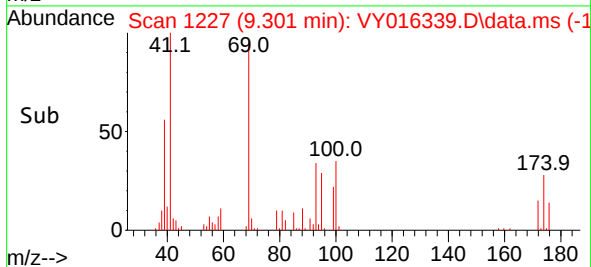
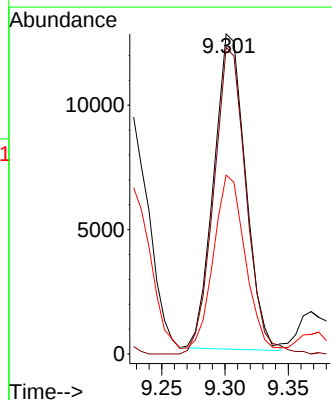
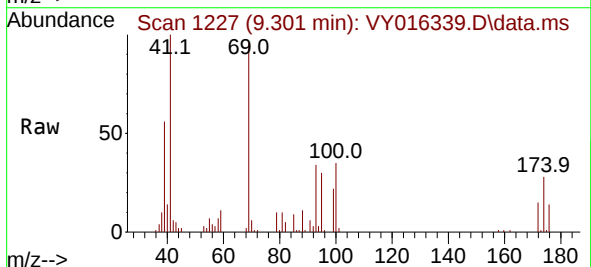
Manual Integrations
APPROVED

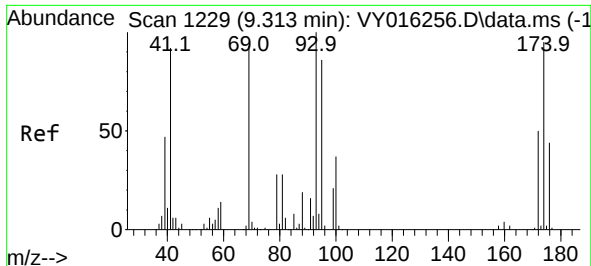
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023



#48
Methyl methacrylate
Concen: 18.849 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. -0.000 min
Lab File: VY016339.D
Acq: 14 Nov 2023 10:53

Tgt Ion: 41 Resp: 22129
Ion Ratio Lower Upper
41 100
69 99.1 64.5 96.7#
39 58.4 50.8 76.2





#49

1,4-Dioxane

Concen: 380.940 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. -0.006 min

Lab File: VY016339.D

Acq: 14 Nov 2023 10:53

Instrument :

MSVOA_Y

ClientSampleId :

VY1114SBS01

Tgt Ion: 88 Resp: 402

Ion Ratio Lower Upper

88 100

43 33.0 0.0 0.0

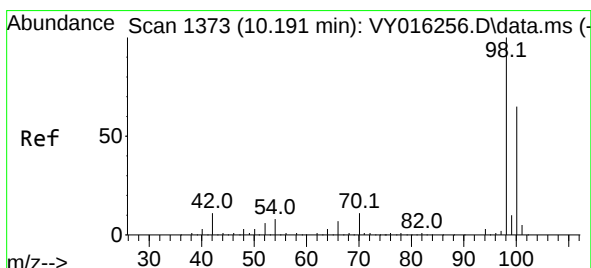
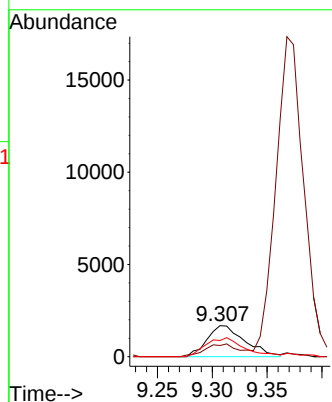
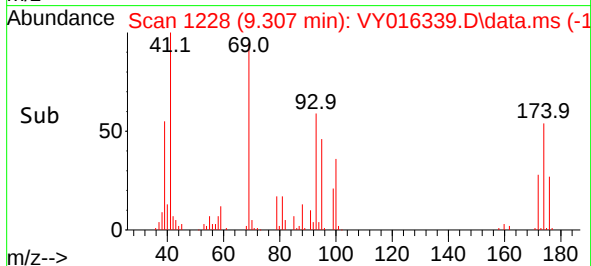
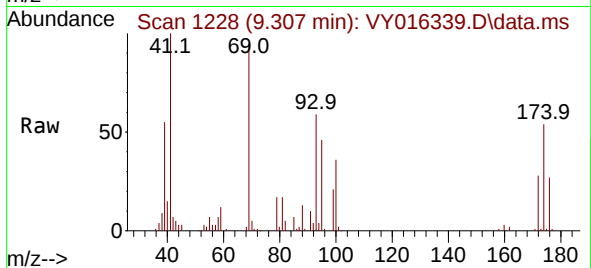
58 61.6 30.9 46.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/15/2023

Supervised By :Semsettin Yesilyurt 11/15/2023



#50

Toluene-d8

Concen: 47.681 ug/l

RT: 10.191 min Scan# 1373

Delta R.T. -0.000 min

Lab File: VY016339.D

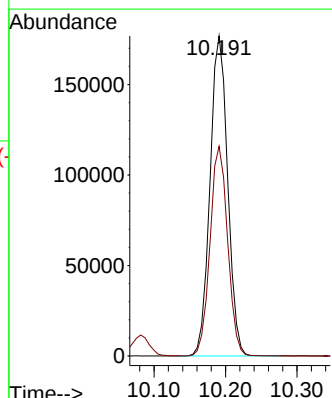
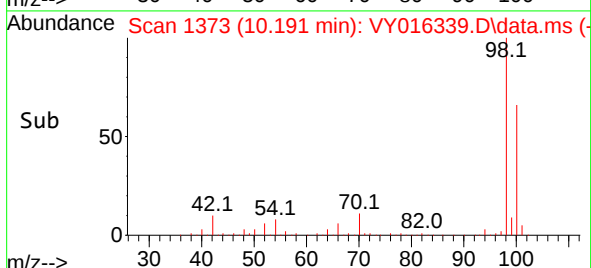
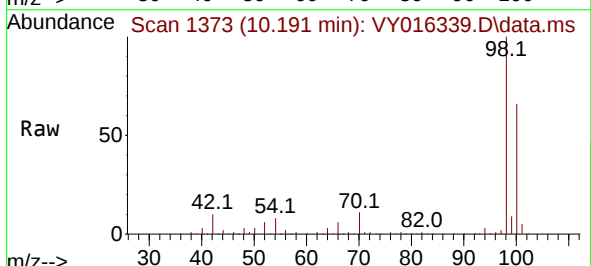
Acq: 14 Nov 2023 10:53

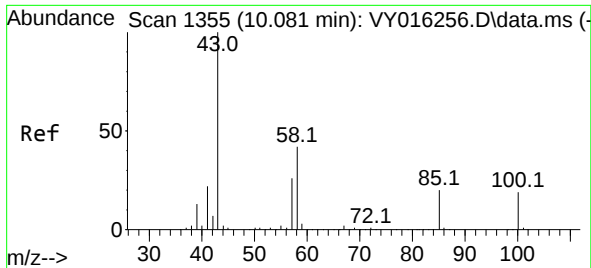
Tgt Ion: 98 Resp: 302869

Ion Ratio Lower Upper

98 100

100 65.3 50.1 75.1





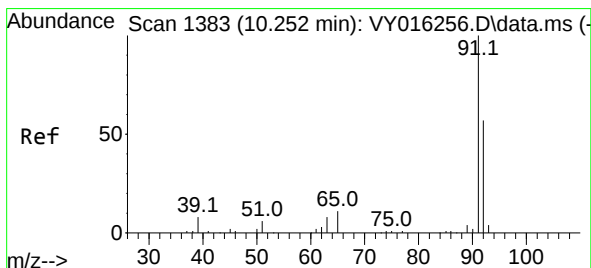
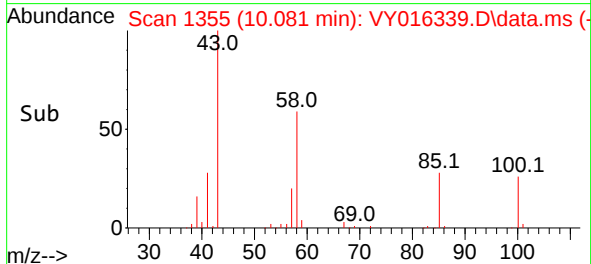
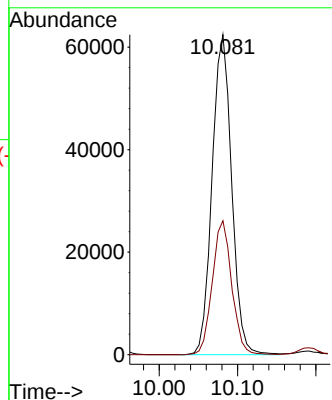
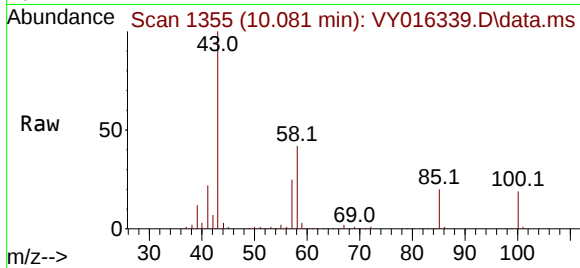
#51
4-Methyl-2-Pentanone
Concen: 100.737 ug/l
RT: 10.081 min Scan# 1355
Delta R.T. -0.000 min
Lab File: VY016339.D
Acq: 14 Nov 2023 10:53

Instrument :
MSVOA_Y
ClientSampleId :
VY1114SBS01

Tgt Ion: 43 Resp: 10821
Ion Ratio Lower Upper
43 100
58 41.6 29.0 43.6

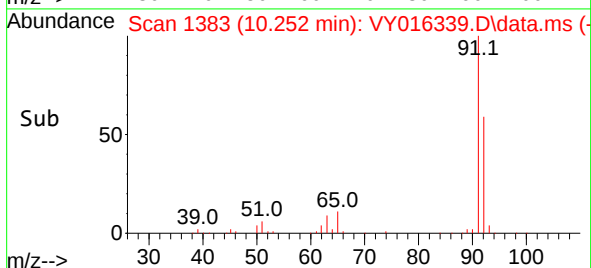
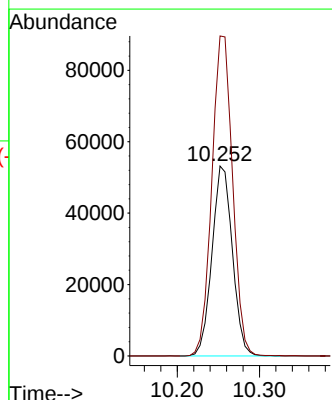
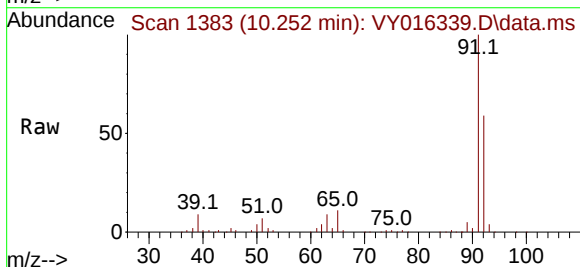
Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023



#52
Toluene
Concen: 18.972 ug/l
RT: 10.252 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VY016339.D
Acq: 14 Nov 2023 10:53

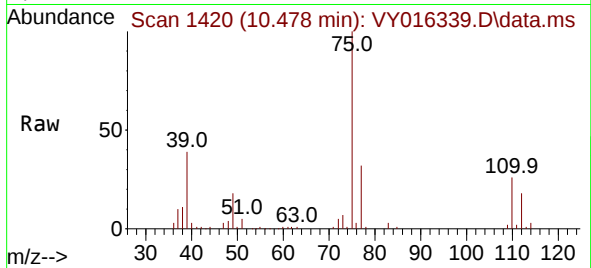
Tgt Ion: 92 Resp: 91644
Ion Ratio Lower Upper
92 100
91 171.5 143.8 215.6





#53
t-1,3-Dichloropropene
Concen: 19.846 ug/l
RT: 10.478 min Scan# 1420
Delta R.T. -0.000 min
Lab File: VY016339.D
Acq: 14 Nov 2023 10:53

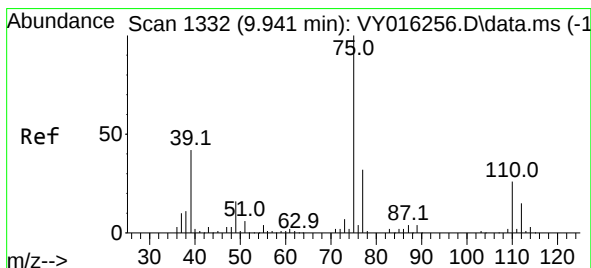
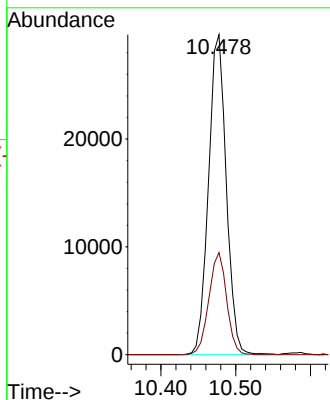
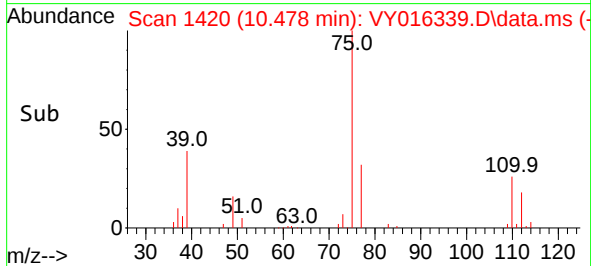
Instrument :
MSVOA_Y
ClientSampleId :
VY1114SBS01



Tgt Ion: 75 Resp: 49189
Ion Ratio Lower Upper
75 100
77 31.9 25.0 37.4

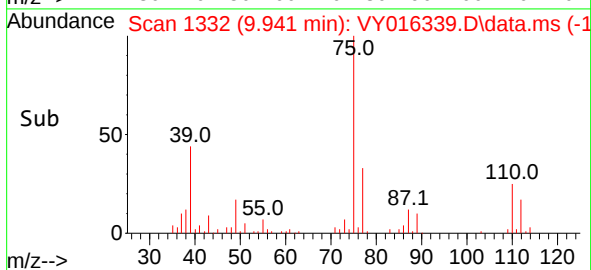
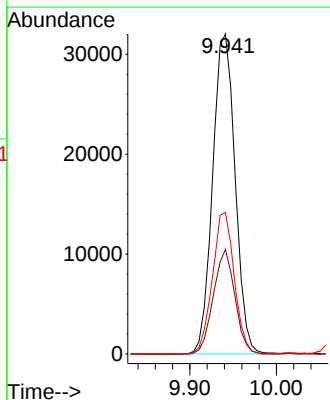
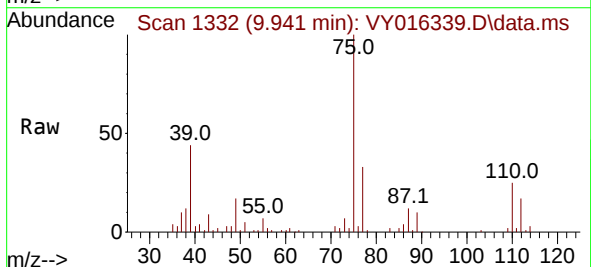
Manual Integrations
APPROVED

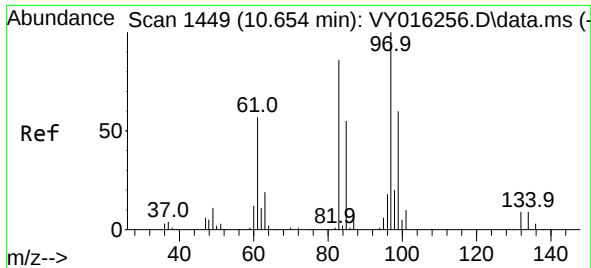
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023



#54
cis-1,3-Dichloropropene
Concen: 19.520 ug/l
RT: 9.941 min Scan# 1332
Delta R.T. -0.000 min
Lab File: VY016339.D
Acq: 14 Nov 2023 10:53

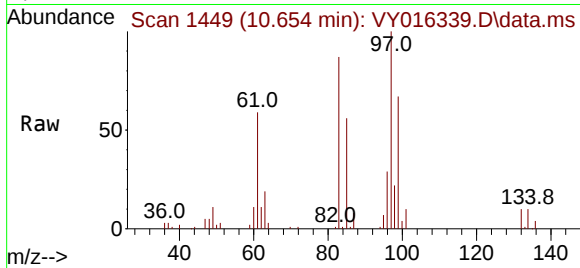
Tgt Ion: 75 Resp: 57786
Ion Ratio Lower Upper
75 100
77 32.6 24.2 36.4
39 44.2 42.2 63.4





#55
1,1,2-Trichloroethane
Concen: 20.046 ug/l
RT: 10.654 min Scan# 1449
Delta R.T. -0.000 min
Lab File: VY016339.D
Acq: 14 Nov 2023 10:53

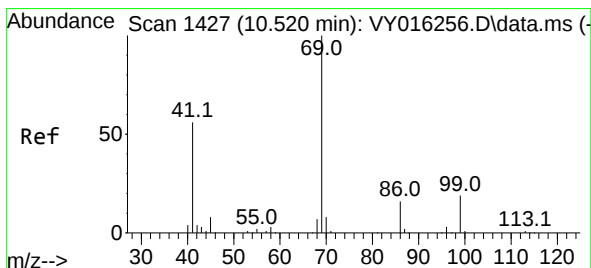
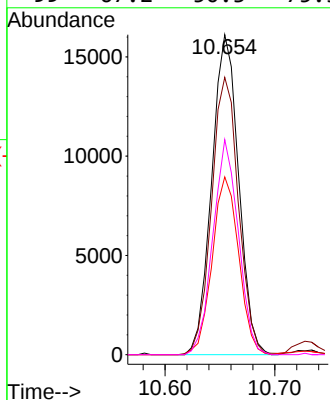
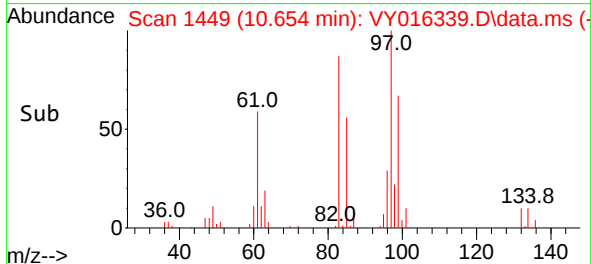
Instrument :
MSVOA_Y
ClientSampleId :
VY1114SBSD01



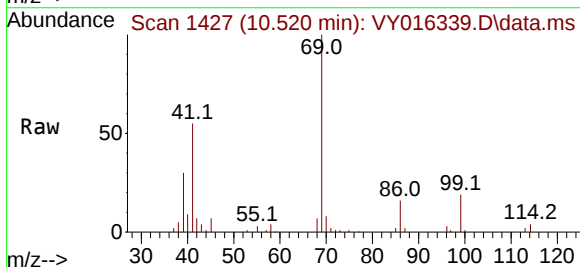
Tgt Ion: 97 Resp: 27478
Ion Ratio Lower Upper
97 100
83 86.7 72.0 108.0
85 55.6 45.4 68.0
99 67.2 50.3 75.5

Manual Integrations
APPROVED

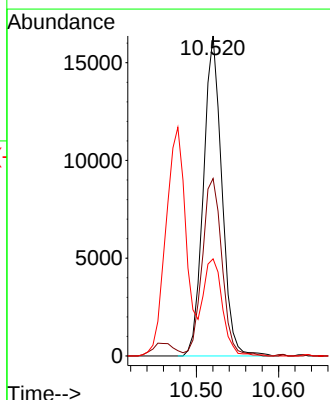
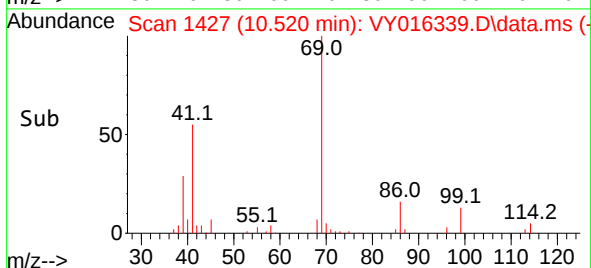
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023



#56
Ethyl methacrylate
Concen: 19.722 ug/l
RT: 10.520 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VY016339.D
Acq: 14 Nov 2023 10:53



Tgt Ion: 69 Resp: 25519
Ion Ratio Lower Upper
69 100
41 59.4 57.6 86.4
39 30.7 34.1 51.1





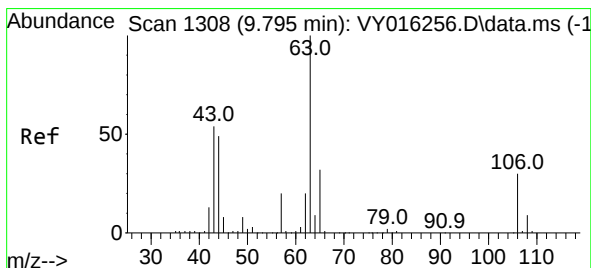
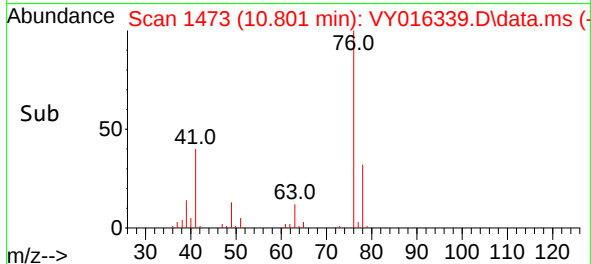
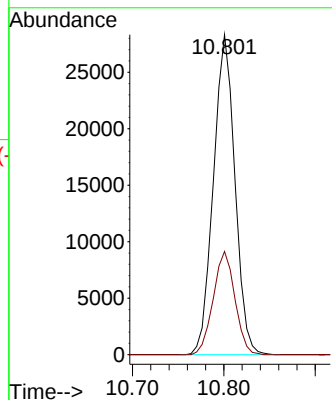
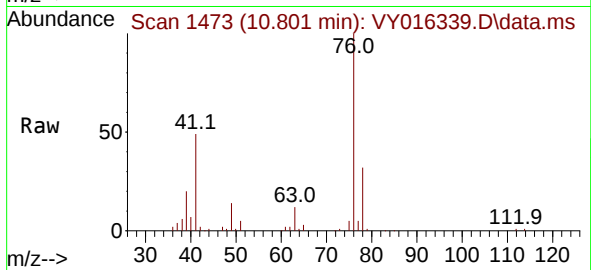
#57
1,3-Dichloropropane
Concen: 19.810 ug/l
RT: 10.801 min Scan# 1473
Delta R.T. -0.000 min
Lab File: VY016339.D
Acq: 14 Nov 2023 10:53

Instrument :
MSVOA_Y
ClientSampleId :
VY1114SBSD01

Tgt Ion: 76 Resp: 46280
Ion Ratio Lower Upper
76 100
78 32.5 25.3 37.9

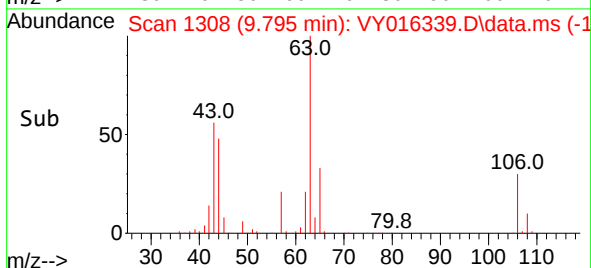
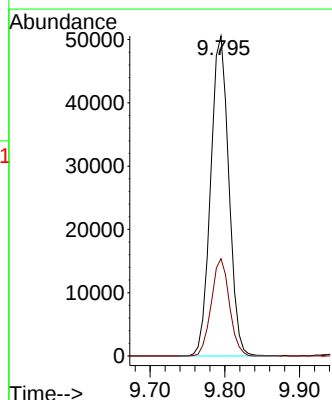
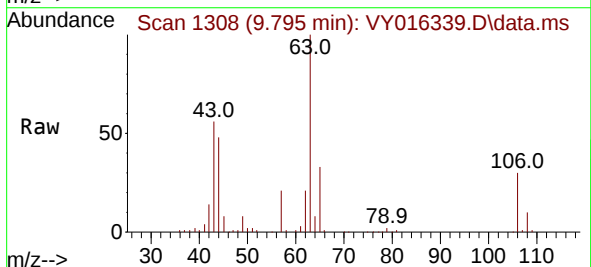
Manual Integrations
APPROVED

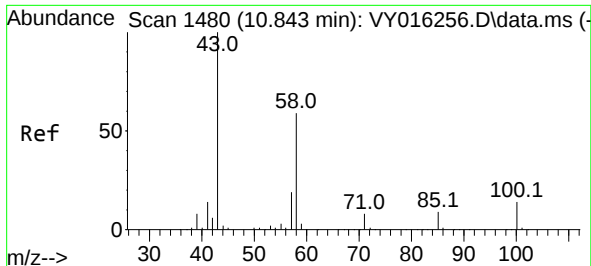
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023



#58
2-Chloroethyl Vinyl ether
Concen: 97.128 ug/l
RT: 9.795 min Scan# 1308
Delta R.T. -0.000 min
Lab File: VY016339.D
Acq: 14 Nov 2023 10:53

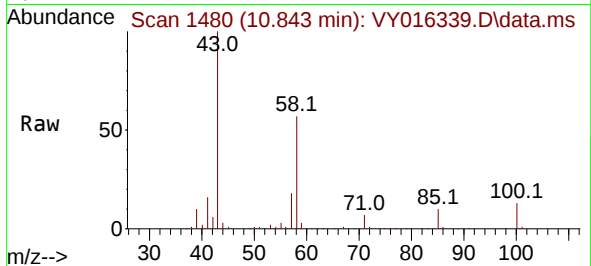
Tgt Ion: 63 Resp: 85217
Ion Ratio Lower Upper
63 100
106 30.2 21.2 31.8





#59
2-Hexanone
Concen: 106.745 ug/l
RT: 10.843 min Scan# 1480
Delta R.T. -0.000 min
Lab File: VY016339.D
Acq: 14 Nov 2023 10:53

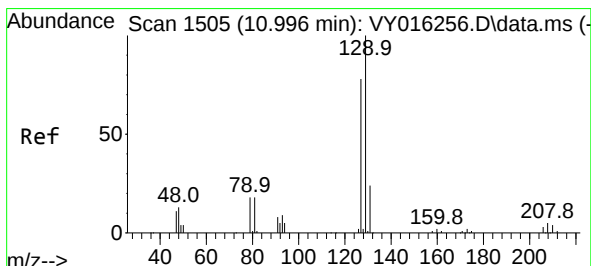
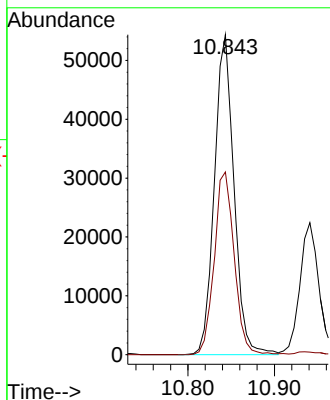
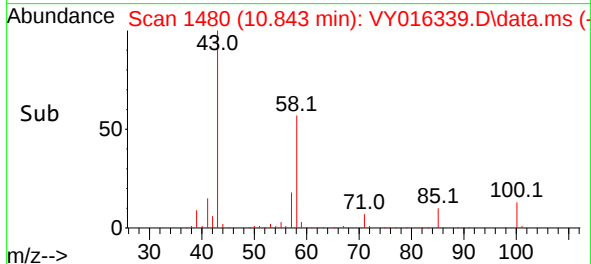
Instrument :
MSVOA_Y
ClientSampleId :
VY1114SBS01



Tgt Ion: 43 Resp: 8529
Ion Ratio Lower Upper
43 100
58 58.2 25.1 75.3

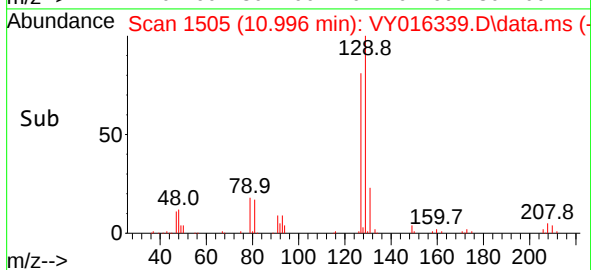
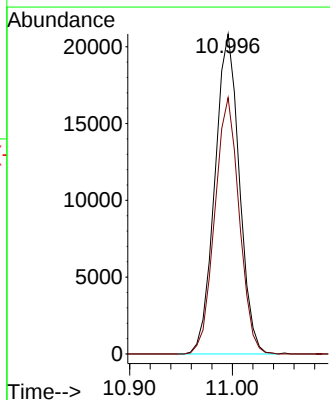
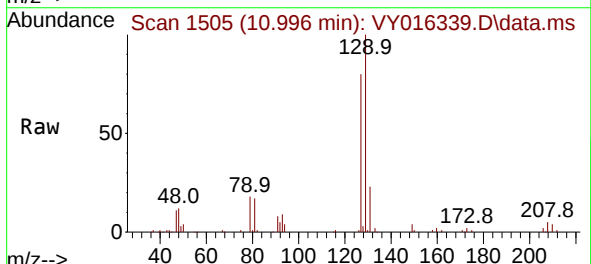
Manual Integrations
APPROVED

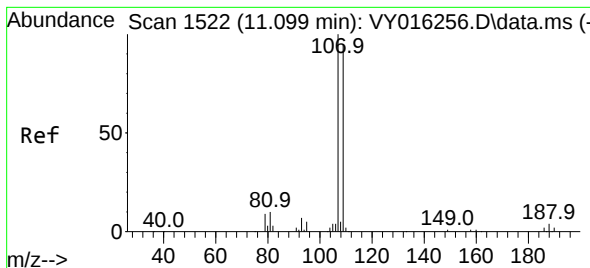
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023



#60
Dibromochloromethane
Concen: 20.101 ug/l
RT: 10.996 min Scan# 1505
Delta R.T. -0.000 min
Lab File: VY016339.D
Acq: 14 Nov 2023 10:53

Tgt Ion:129 Resp: 34459
Ion Ratio Lower Upper
129 100
127 79.7 38.5 115.5





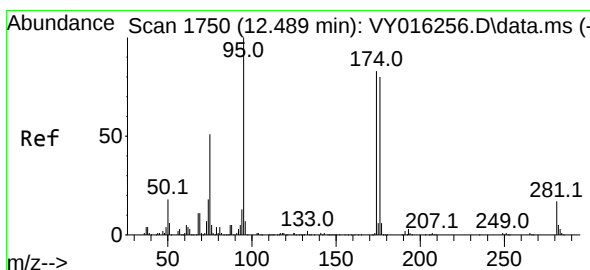
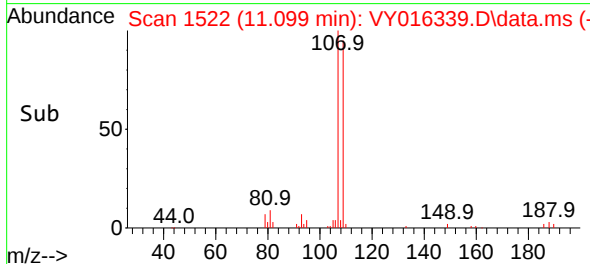
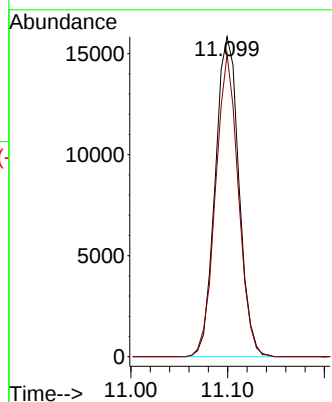
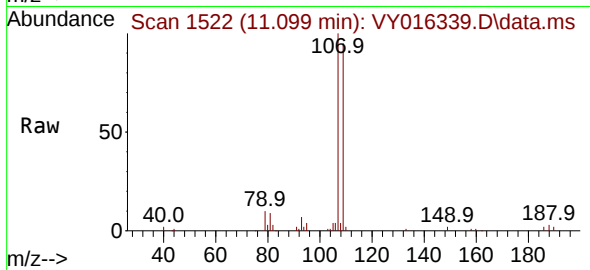
#61
1,2-Dibromoethane
Concen: 20.606 ug/l
RT: 11.099 min Scan# 1522
Delta R.T. -0.000 min
Lab File: VY016339.D
Acq: 14 Nov 2023 10:53

Instrument :
MSVOA_Y
ClientSampleId :
VY1114SBS01

Tgt Ion:107 Resp: 26909
Ion Ratio Lower Upper
107 100
109 91.0 75.6 113.4

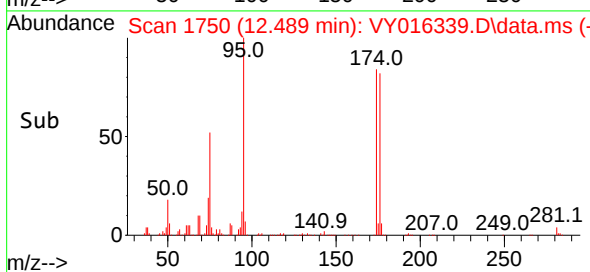
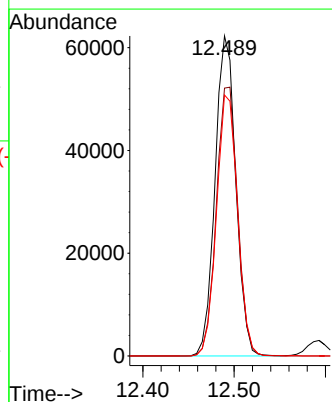
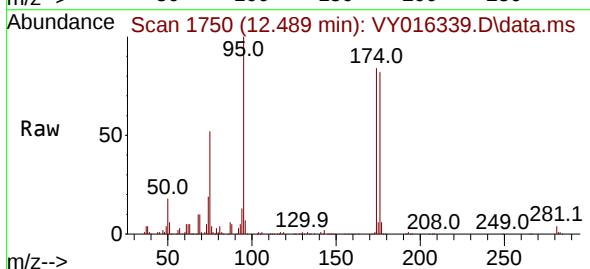
Manual Integrations
APPROVED

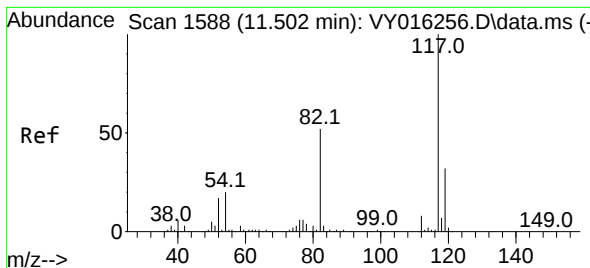
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023



#62
4-Bromofluorobenzene
Concen: 47.717 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VY016339.D
Acq: 14 Nov 2023 10:53

Tgt Ion: 95 Resp: 98443
Ion Ratio Lower Upper
95 100
174 86.2 0.0 178.2
176 82.7 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.502 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY016339.D

Acq: 14 Nov 2023 10:53

Instrument :

MSVOA_Y

ClientSampleId :

VY1114SBS01

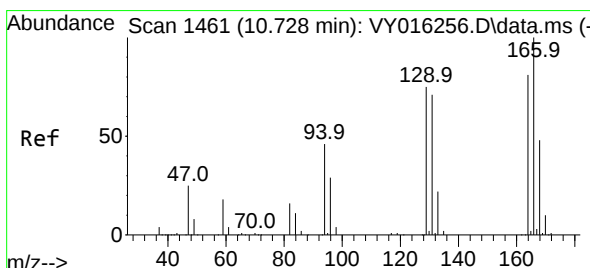
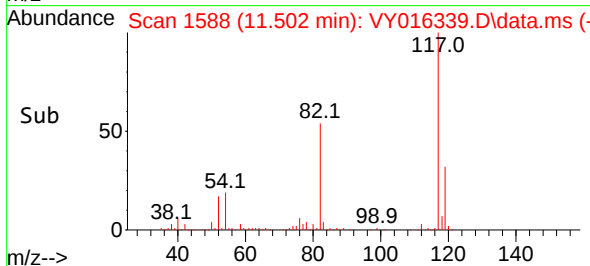
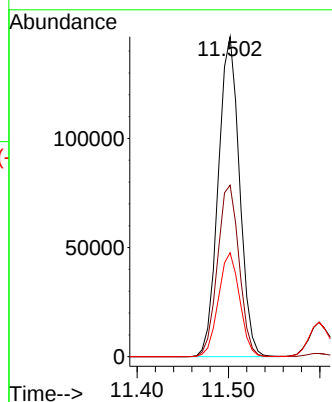
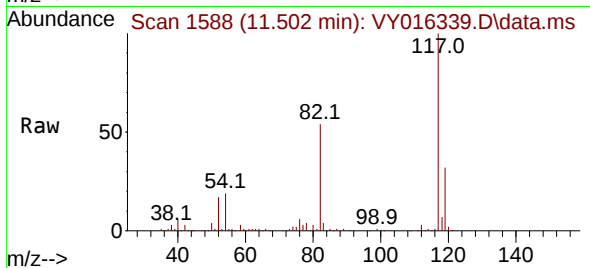
Tgt Ion:117 Resp: 23714

Ion	Ratio	Lower	Upper
117	100		
82	53.6	43.4	65.0
119	32.5	26.3	39.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023



#64

Tetrachloroethene

Concen: 18.866 ug/l

RT: 10.734 min Scan# 1462

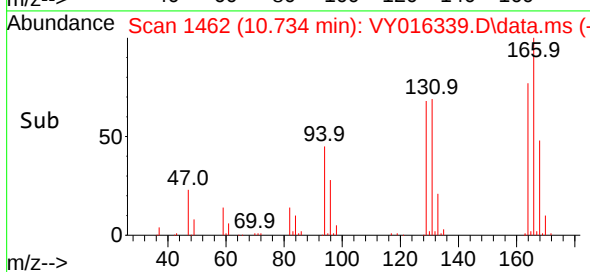
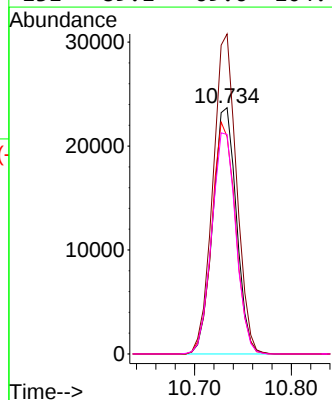
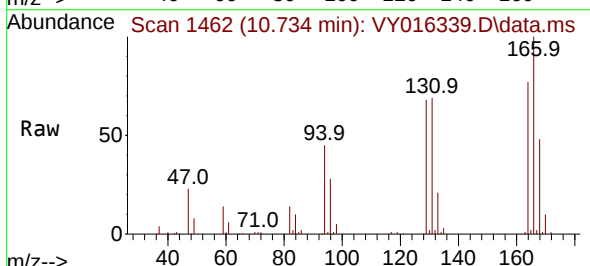
Delta R.T. 0.006 min

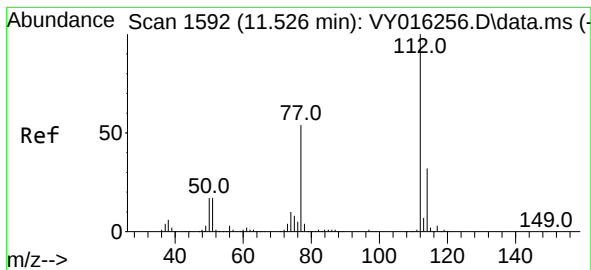
Lab File: VY016339.D

Acq: 14 Nov 2023 10:53

Tgt Ion:164 Resp: 40172

Ion	Ratio	Lower	Upper
164	100		
166	129.9	103.0	154.6
129	88.2	77.2	115.8
131	89.1	69.6	104.4





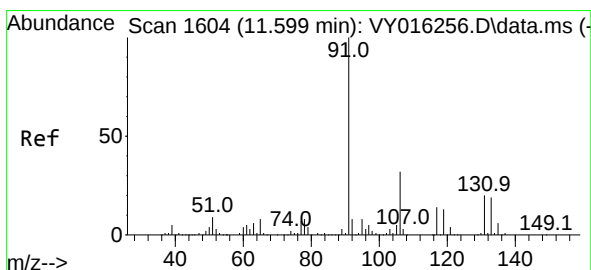
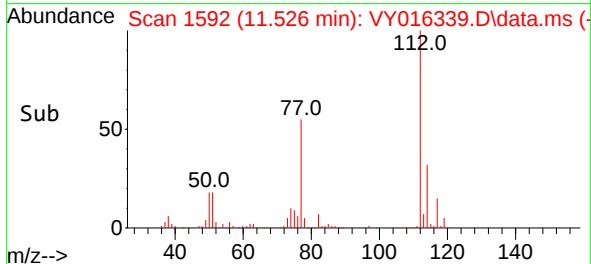
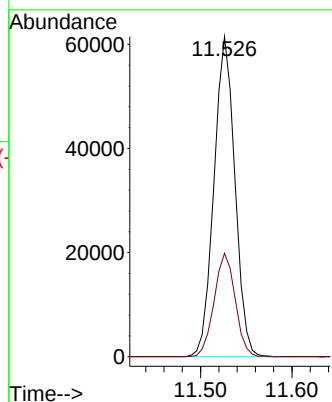
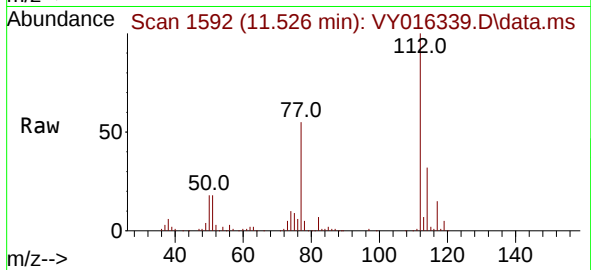
#65
Chlorobenzene
Concen: 19.288 ug/l
RT: 11.526 min Scan# 1152
Delta R.T. -0.000 min
Lab File: VY016339.D
Acq: 14 Nov 2023 10:53

Instrument :
MSVOA_Y
ClientSampleId :
VY1114SBSD01

Tgt Ion:112 Resp: 97725
Ion Ratio Lower Upper
112 100
114 32.3 25.5 38.3

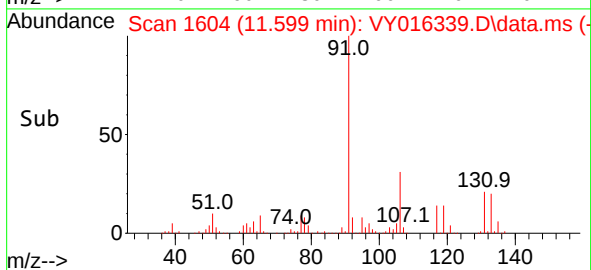
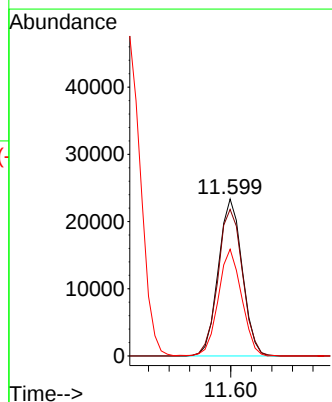
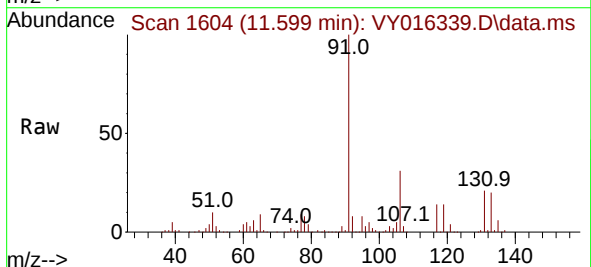
Manual Integrations
APPROVED

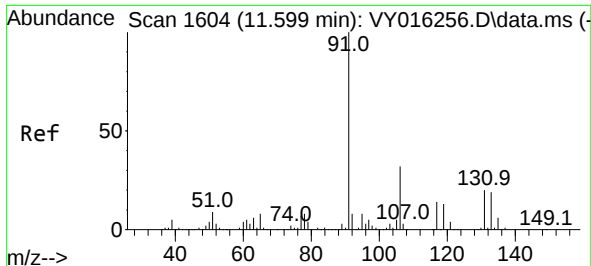
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 20.166 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. -0.000 min
Lab File: VY016339.D
Acq: 14 Nov 2023 10:53

Tgt Ion:131 Resp: 37685
Ion Ratio Lower Upper
131 100
133 96.5 47.5 142.6
119 66.4 31.6 94.7





#67

Ethyl Benzene

Concen: 19.178 ug/l

RT: 11.599 min Scan# 1604

Delta R.T. -0.000 min

Lab File: VY016339.D

Acq: 14 Nov 2023 10:53

Instrument :

MSVOA_Y

ClientSampleId :

VY1114SBS01

Tgt Ion: 91 Resp: 174629

Ion Ratio Lower Upper

91 100

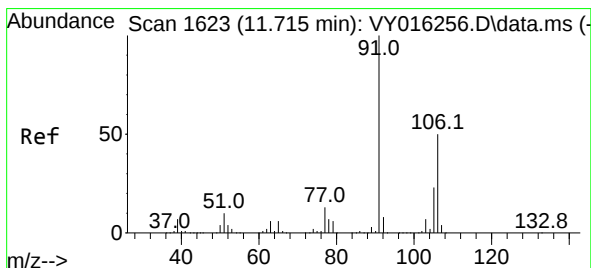
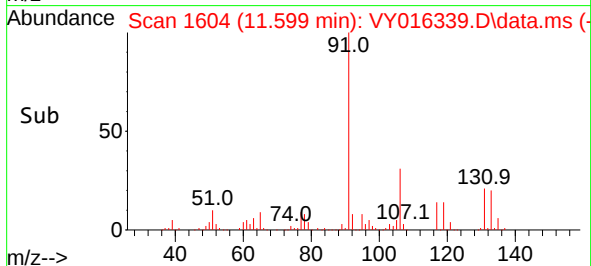
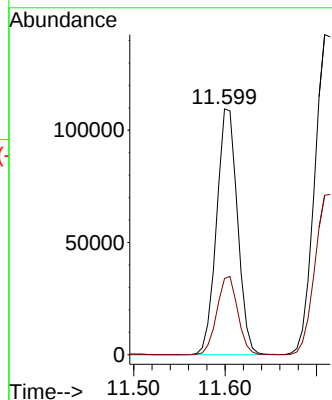
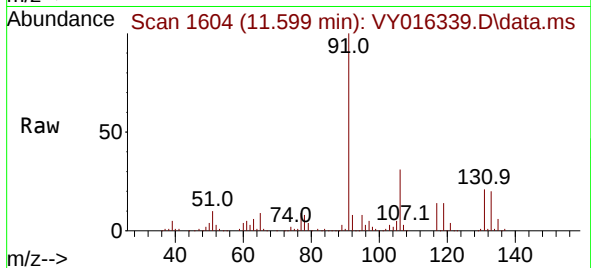
106 31.0 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/15/2023

Supervised By :Semsettin Yesilyurt 11/15/2023



#68

m/p-Xylenes

Concen: 38.778 ug/l

RT: 11.715 min Scan# 1623

Delta R.T. -0.000 min

Lab File: VY016339.D

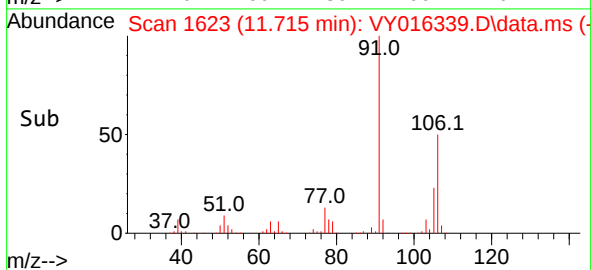
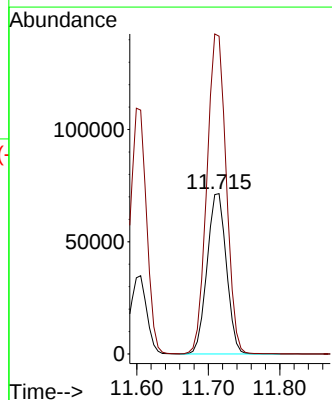
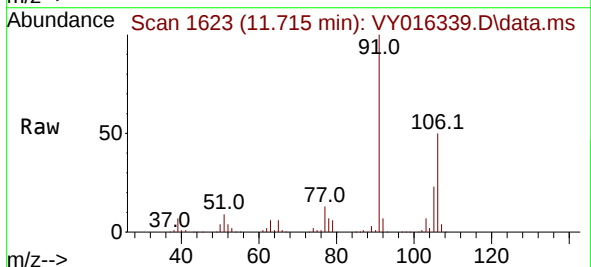
Acq: 14 Nov 2023 10:53

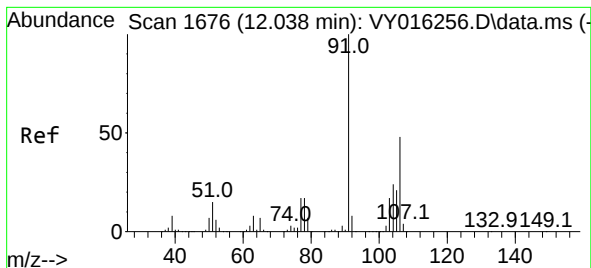
Tgt Ion:106 Resp: 133927

Ion Ratio Lower Upper

106 100

91 199.4 166.1 249.1





#69

o-Xylene

Concen: 19.236 ug/l

RT: 12.038 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VY016339.D

Acq: 14 Nov 2023 10:53

Instrument :

MSVOA_Y

ClientSampleId :

VY1114SBSD01

Tgt Ion:106 Resp: 6168

Ion Ratio Lower Upper

106 100

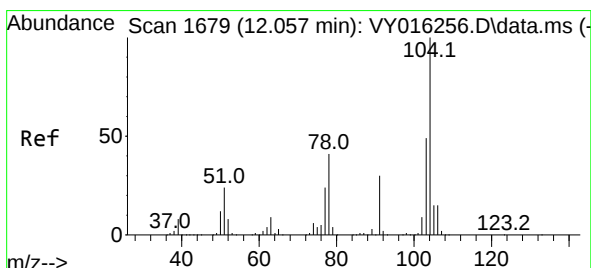
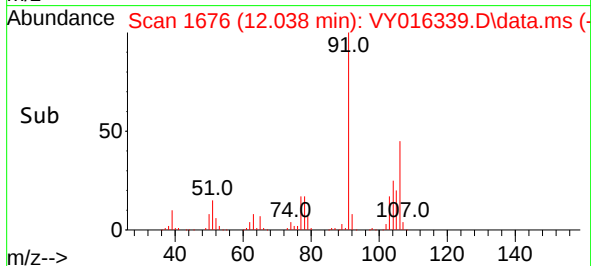
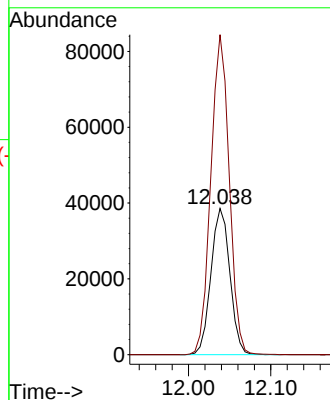
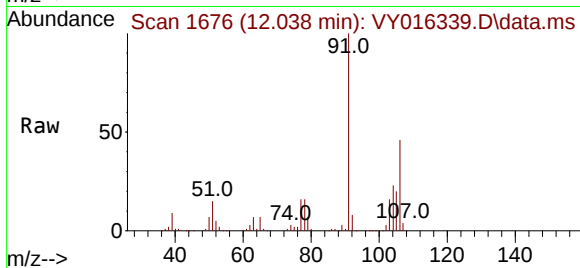
91 213.2 108.1 324.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/15/2023

Supervised By :Semsettin Yesilyurt 11/15/2023



#70

Styrene

Concen: 19.686 ug/l

RT: 12.057 min Scan# 1679

Delta R.T. -0.000 min

Lab File: VY016339.D

Acq: 14 Nov 2023 10:53

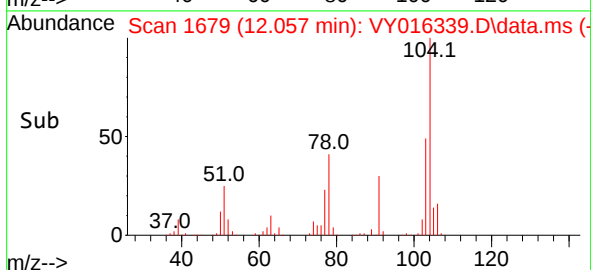
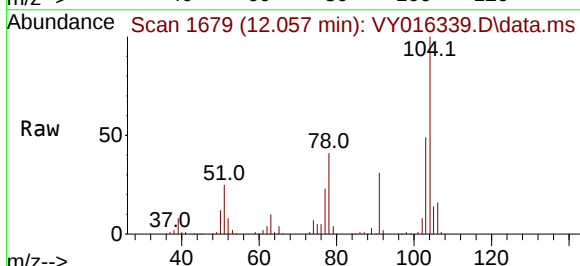
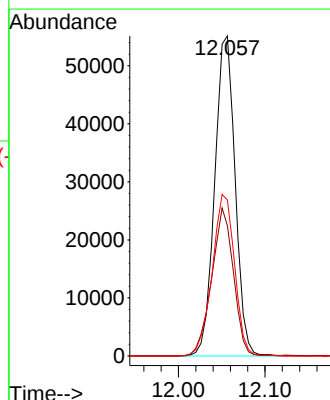
Tgt Ion:104 Resp: 90388

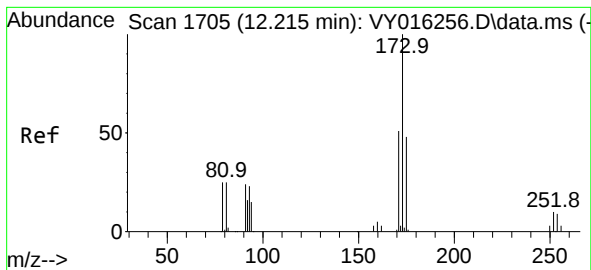
Ion Ratio Lower Upper

104 100

78 49.1 41.5 62.3

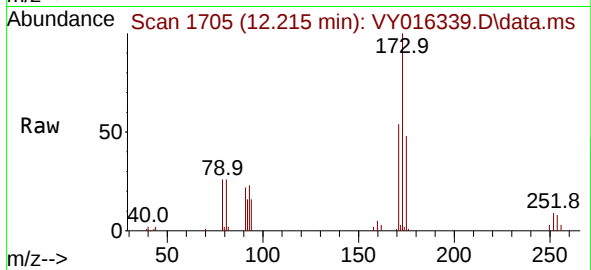
103 55.4 44.6 67.0





#71
Bromoform
Concen: 20.684 ug/l
RT: 12.215 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VY016339.D
Acq: 14 Nov 2023 10:53

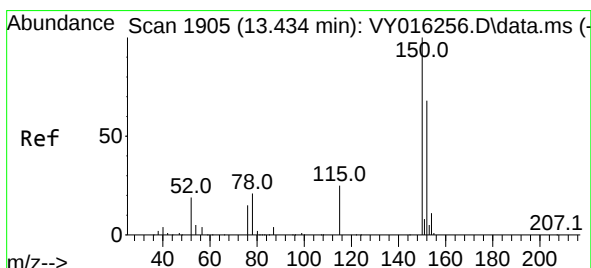
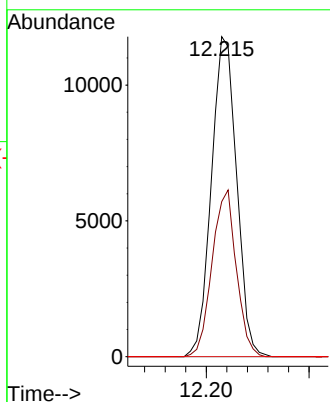
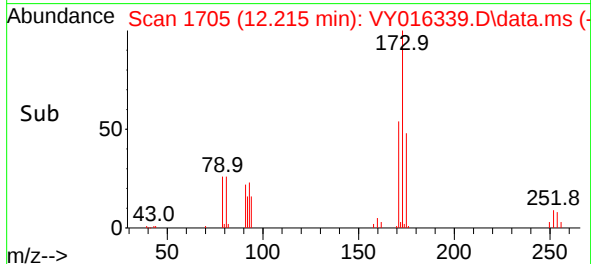
Instrument :
MSVOA_Y
ClientSampleId :
VY1114SBS01



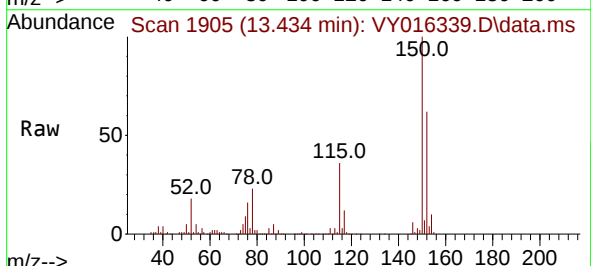
Tgt Ion:173 Resp: 2005
Ion Ratio Lower Upper
173 100
175 50.0 24.6 73.8
254 0.0 0.2 0.2

Manual Integrations
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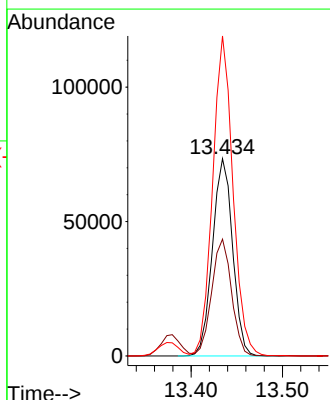
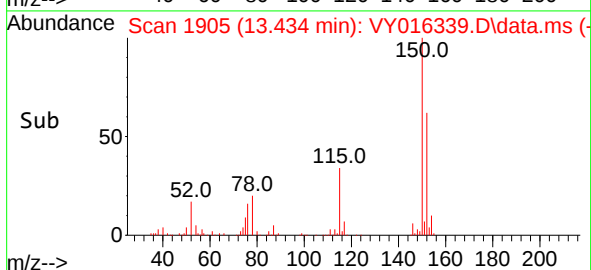
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023

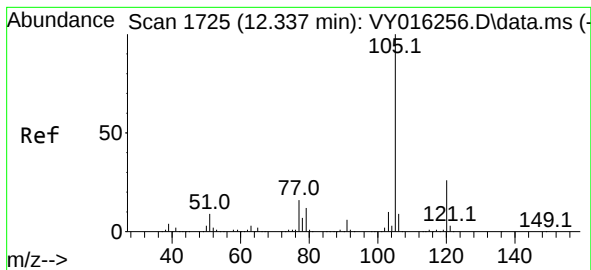


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. -0.000 min
Lab File: VY016339.D
Acq: 14 Nov 2023 10:53



Tgt Ion:152 Resp: 112237
Ion Ratio Lower Upper
152 100
115 58.4 28.8 86.5
150 163.6 0.0 348.8





#73

Isopropylbenzene

Concen: 18.822 ug/l

RT: 12.337 min Scan# 1725

Delta R.T. -0.000 min

Lab File: VY016339.D

Acq: 14 Nov 2023 10:53

Instrument :

MSVOA_Y

ClientSampleId :

VY1114SBSD01

Tgt Ion:105 Resp: 171070

Ion Ratio Lower Upper

105 100

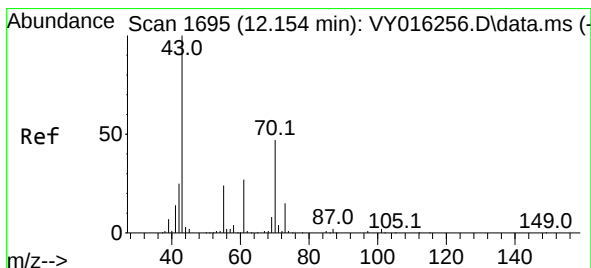
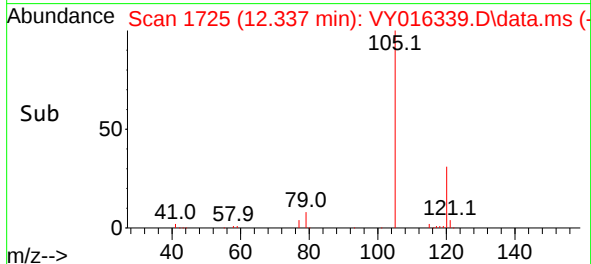
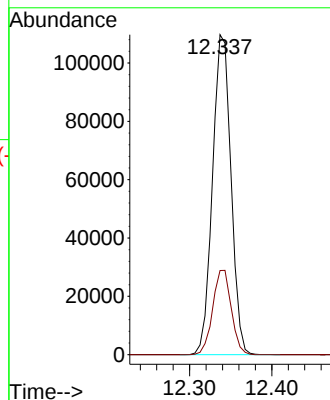
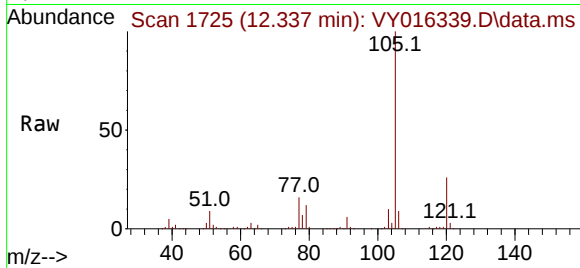
120 26.5 13.3 39.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/15/2023

Supervised By :Semsettin Yesilyurt 11/15/2023



#74

N-ethyl acetate

Concen: 18.750 ug/l

RT: 12.154 min Scan# 1695

Delta R.T. -0.000 min

Lab File: VY016339.D

Acq: 14 Nov 2023 10:53

Tgt Ion: 43 Resp: 34231

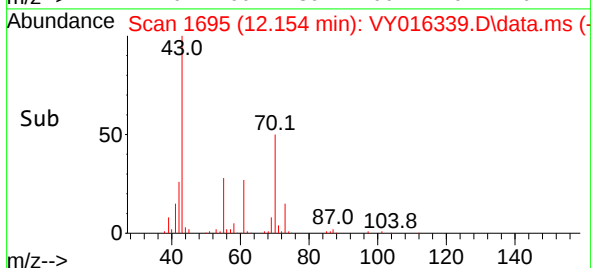
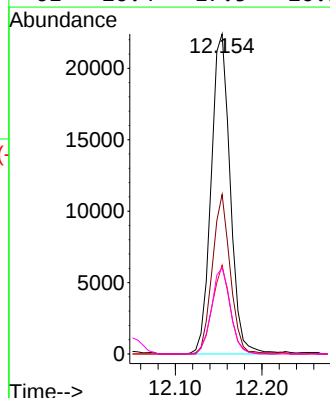
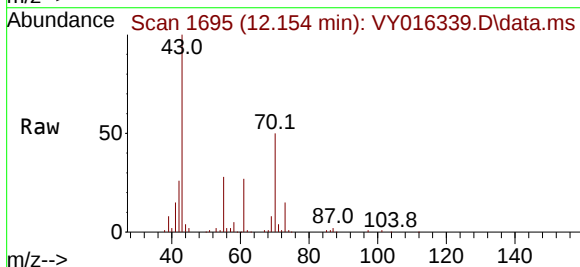
Ion Ratio Lower Upper

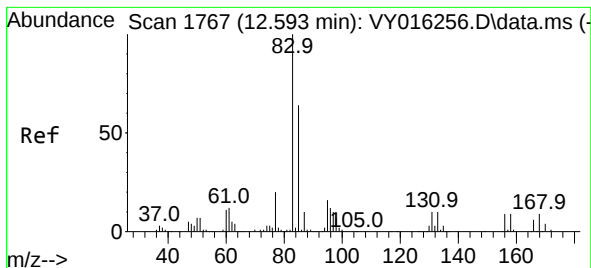
43 100

70 46.8 29.7 44.5#

55 26.2 18.3 27.5

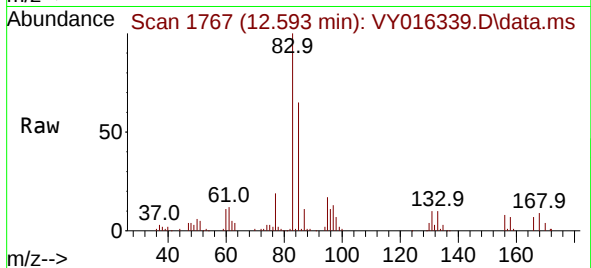
61 26.4 17.5 26.3#





#75
1,1,2,2-Tetrachloroethane
Concen: 19.827 ug/l
RT: 12.593 min Scan# 1767
Delta R.T. -0.000 min
Lab File: VY016339.D
Acq: 14 Nov 2023 10:53

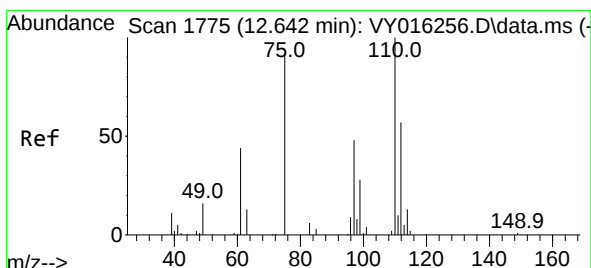
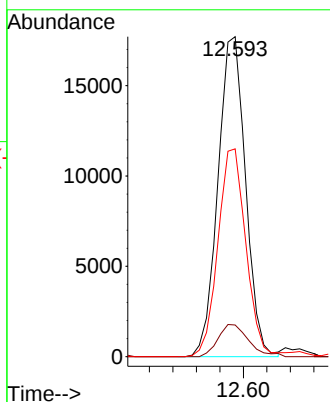
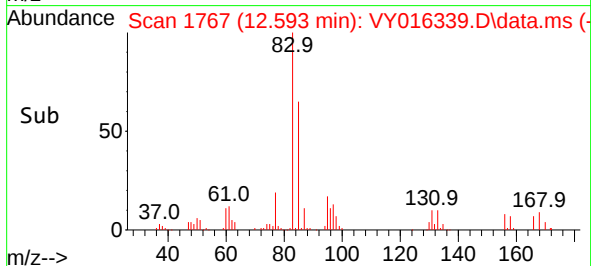
Instrument :
MSVOA_Y
ClientSampleId :
VY1114SBSD01



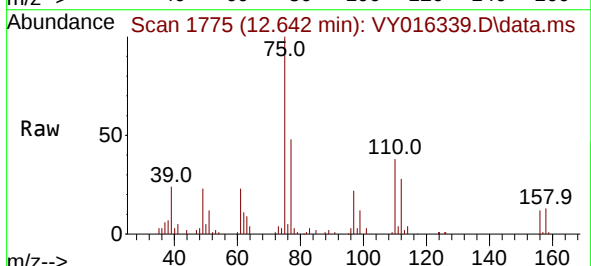
Tgt Ion: 83 Resp: 28910
Ion Ratio Lower Upper
83 100
131 11.1 5.4 16.2
85 66.0 31.8 95.4

Manual Integrations
APPROVED

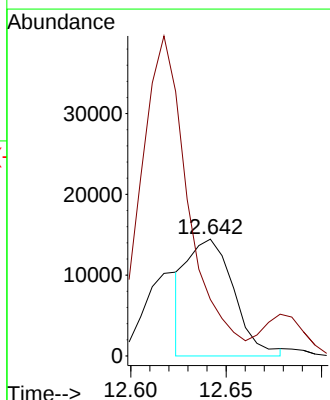
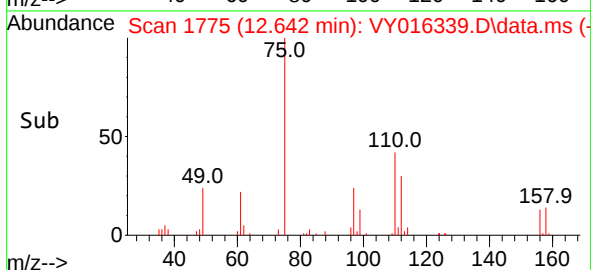
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023

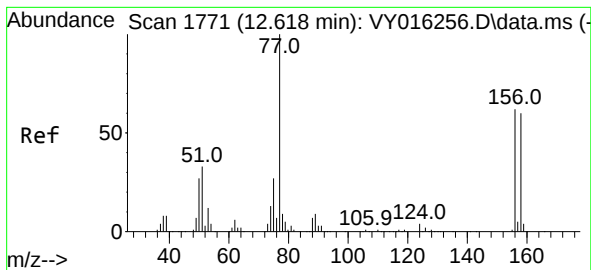


#76
1,2,3-Trichloropropane
Concen: 22.943 ug/l m
RT: 12.642 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VY016339.D
Acq: 14 Nov 2023 10:53



Tgt Ion: 75 Resp: 24702
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





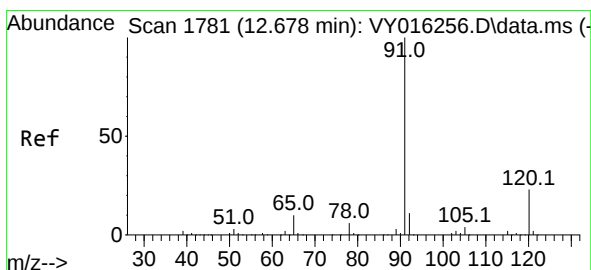
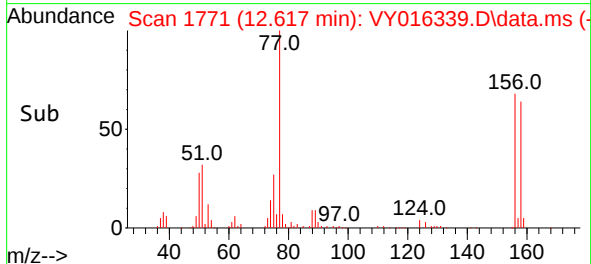
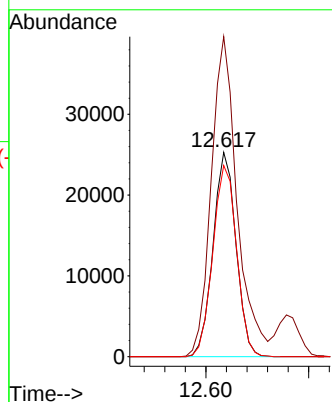
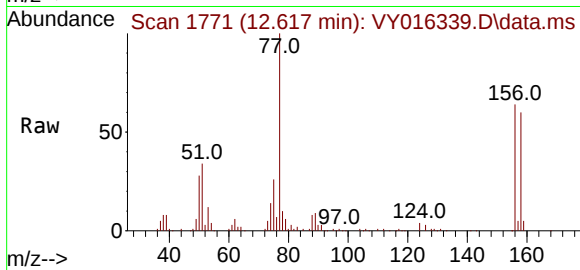
#77
Bromobenzene
Concen: 19.084 ug/l
RT: 12.617 min Scan# 1771
Delta R.T. -0.000 min
Lab File: VY016339.D
Acq: 14 Nov 2023 10:53

Instrument :
MSVOA_Y
ClientSampleId :
VY1114SBSD01

Tgt Ion:156 Resp: 3920
Ion Ratio Lower Upper
156 100
77 176.0 92.8 278.6
158 96.8 48.4 145.3

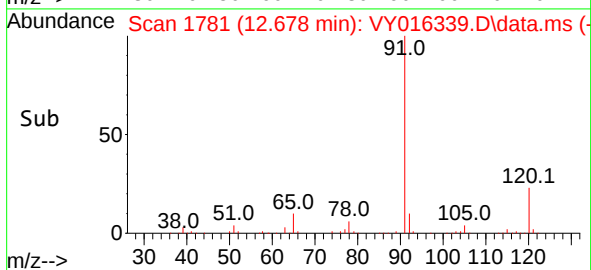
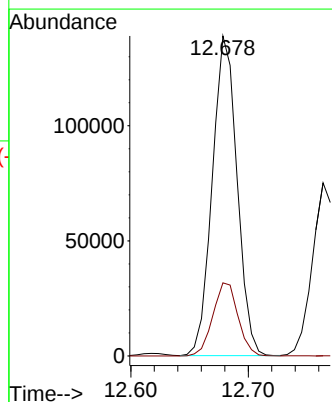
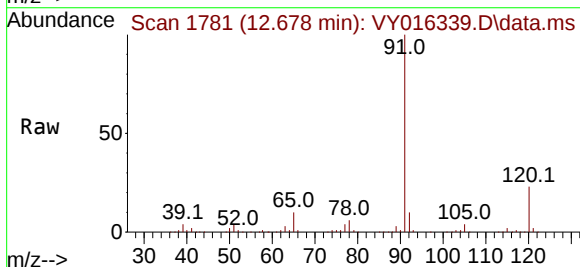
Manual Integrations
APPROVED

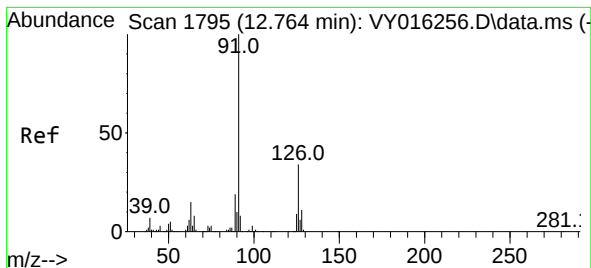
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023



#78
n-propylbenzene
Concen: 18.967 ug/l
RT: 12.678 min Scan# 1781
Delta R.T. -0.000 min
Lab File: VY016339.D
Acq: 14 Nov 2023 10:53

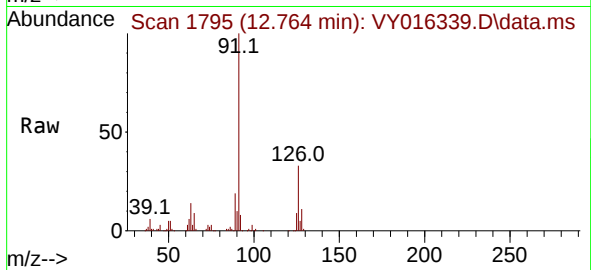
Tgt Ion: 91 Resp: 203719
Ion Ratio Lower Upper
91 100
120 23.2 11.5 34.4





#79
2-Chlorotoluene
Concen: 19.117 ug/l
RT: 12.764 min Scan# 113158
Delta R.T. -0.000 min
Lab File: VY016339.D
Acq: 14 Nov 2023 10:53

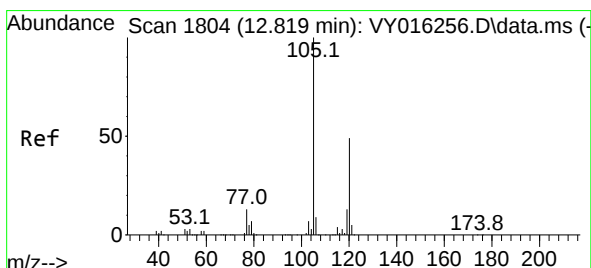
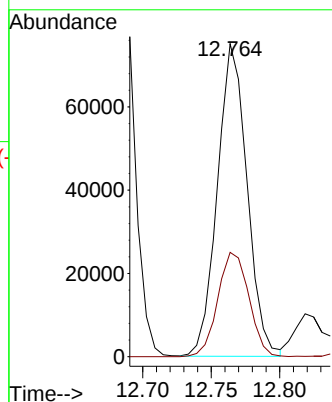
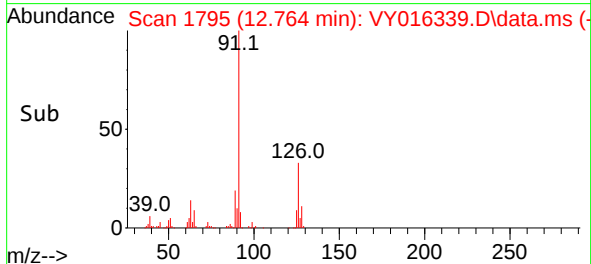
Instrument :
MSVOA_Y
ClientSampleId :
VY1114SBSD01



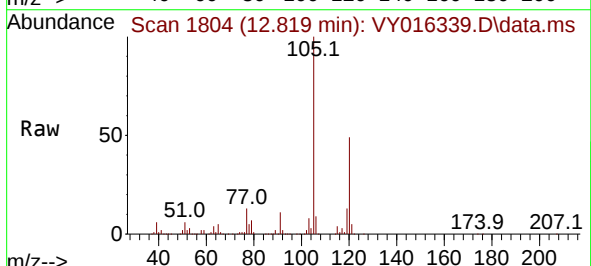
Tgt Ion: 91 Resp: 113158
Ion Ratio Lower Upper
91 100
126 35.0 17.3 51.7

Manual Integrations
APPROVED

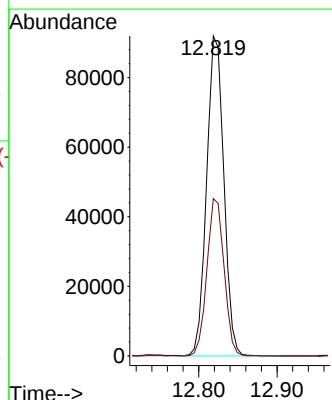
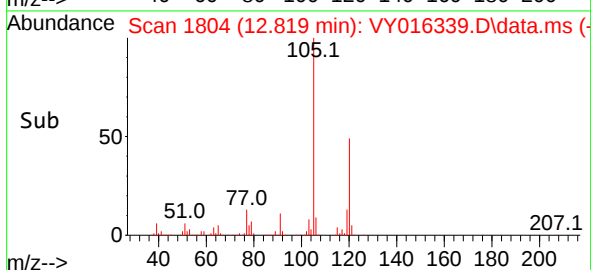
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023

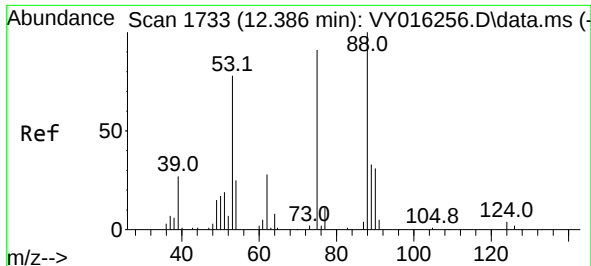


#80
1,3,5-Trimethylbenzene
Concen: 19.112 ug/l
RT: 12.819 min Scan# 1804
Delta R.T. -0.000 min
Lab File: VY016339.D
Acq: 14 Nov 2023 10:53



Tgt Ion:105 Resp: 140045
Ion Ratio Lower Upper
105 100
120 49.0 23.9 71.7





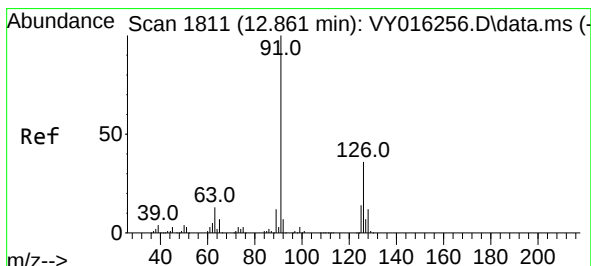
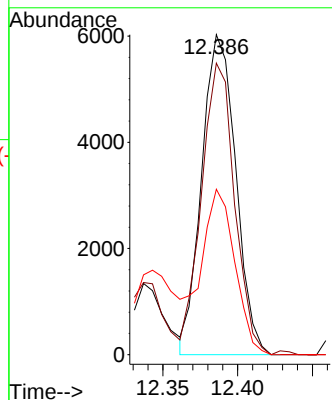
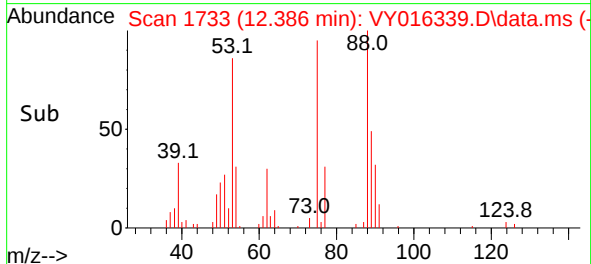
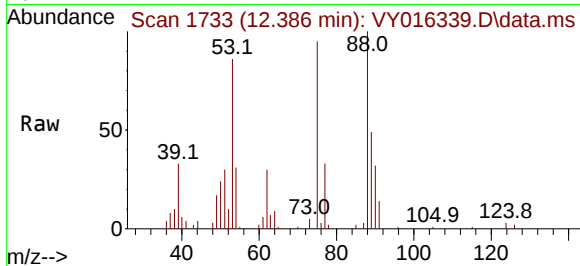
#81
trans-1,4-Dichloro-2-butene
Concen: 19.202 ug/l
RT: 12.386 min Scan# 1733
Delta R.T. -0.000 min
Lab File: VY016339.D
Acq: 14 Nov 2023 10:53

Instrument :
MSVOA_Y
ClientSampleId :
VY1114SBSD01

Tgt Ion: 75 Resp: 952
Ion Ratio Lower Upper
75 100
53 89.2 77.8 116.8
89 52.3 37.4 56.0

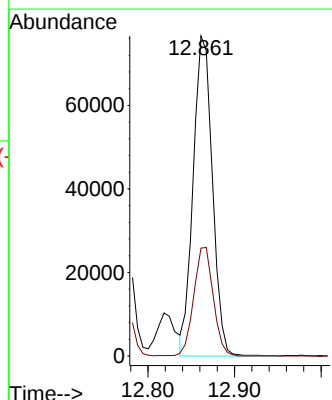
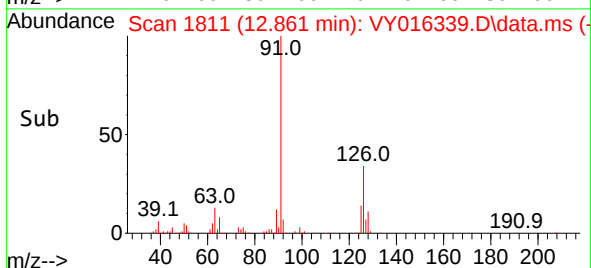
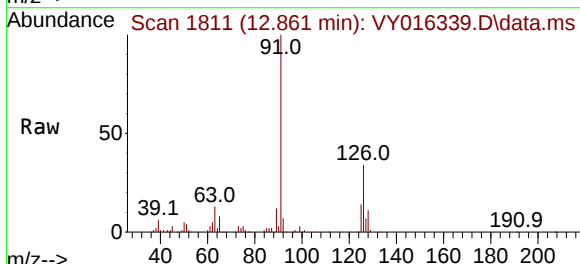
Manual Integrations
APPROVED

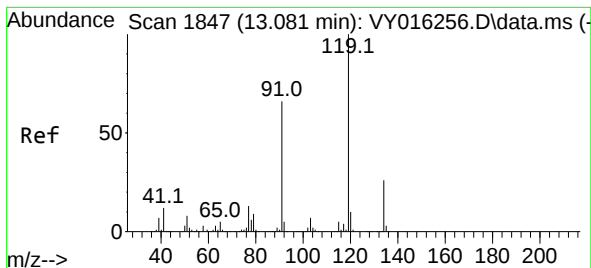
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023



#82
4-Chlorotoluene
Concen: 19.302 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. -0.000 min
Lab File: VY016339.D
Acq: 14 Nov 2023 10:53

Tgt Ion: 91 Resp: 118063
Ion Ratio Lower Upper
91 100
126 34.5 17.2 51.6





#83

tert-Butylbenzene

Concen: 19.142 ug/l

RT: 13.081 min Scan# 119

Delta R.T. -0.000 min

Lab File: VY016339.D

Acq: 14 Nov 2023 10:53

Instrument :

MSVOA_Y

ClientSampleId :

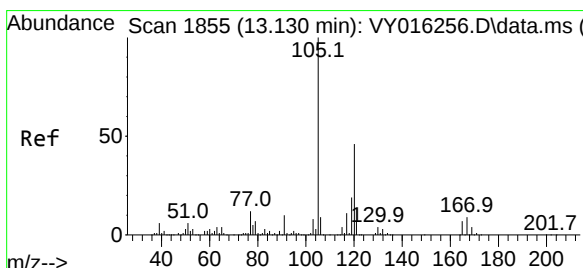
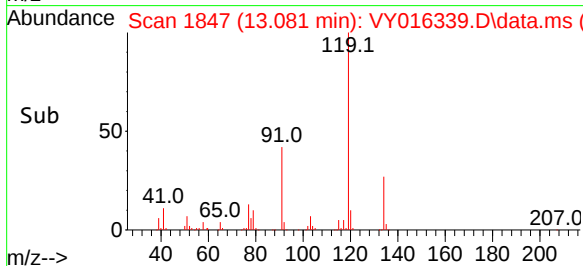
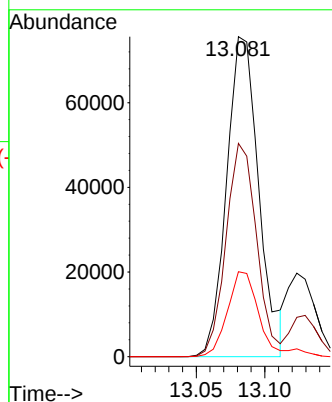
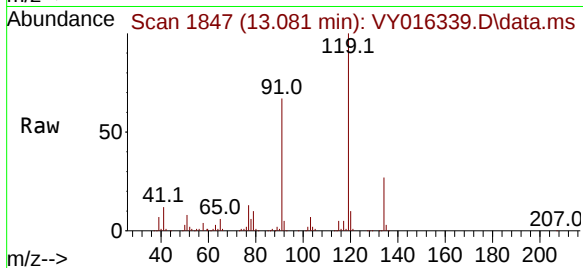
VY1114SBSD01

Tgt Ion:	119	Resp:	12355
Ion Ratio	Lower	Upper	
119	100		
91	63.5	32.9	98.6
134	26.6	13.0	38.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023



#84

1,2,4-Trimethylbenzene

Concen: 19.331 ug/l

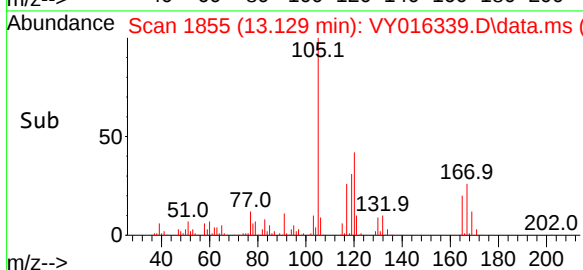
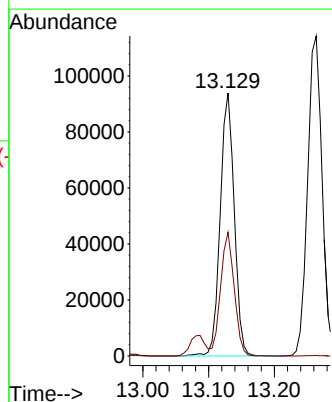
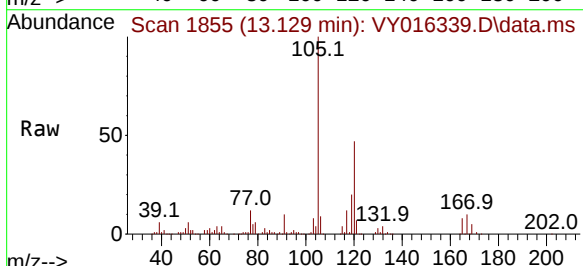
RT: 13.129 min Scan# 1855

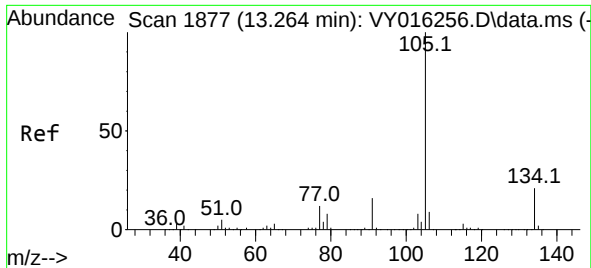
Delta R.T. -0.000 min

Lab File: VY016339.D

Acq: 14 Nov 2023 10:53

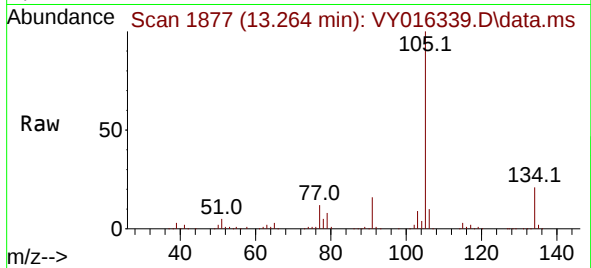
Tgt Ion:	105	Resp:	139477
Ion Ratio	Lower	Upper	
105	100		
120	45.9	22.2	66.6





#85
 sec-Butylbenzene
 Concen: 18.880 ug/l
 RT: 13.264 min Scan# 1877
 Delta R.T. -0.000 min
 Lab File: VY016339.D
 Acq: 14 Nov 2023 10:53

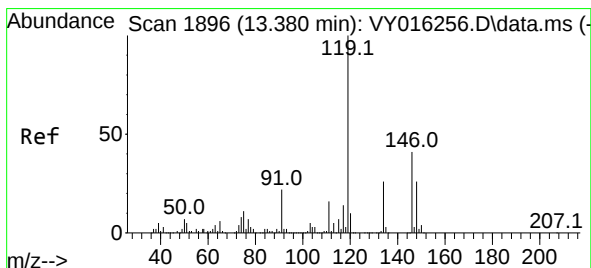
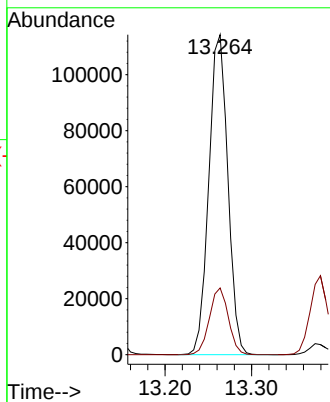
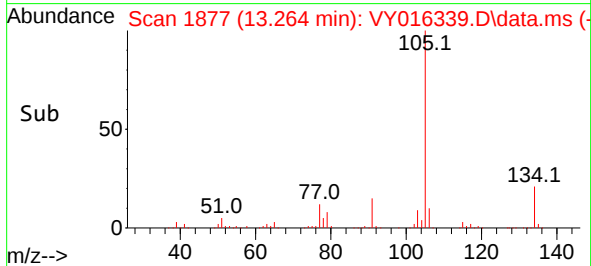
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1114SBS01



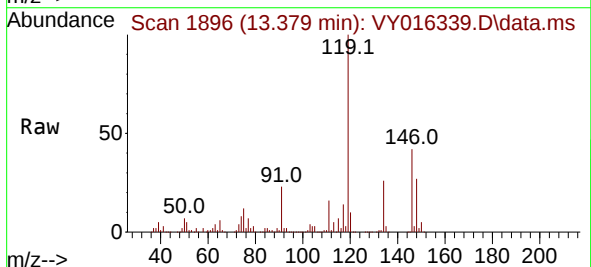
Tgt Ion:105 Resp: 17409
 Ion Ratio Lower Upper
 105 100
 134 20.8 10.2 30.6

Manual Integrations
 APPROVED

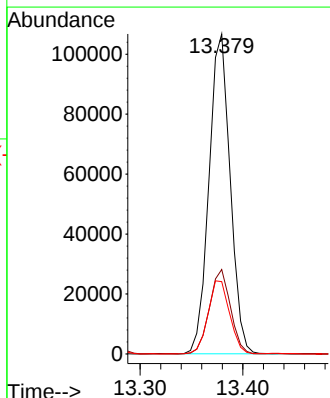
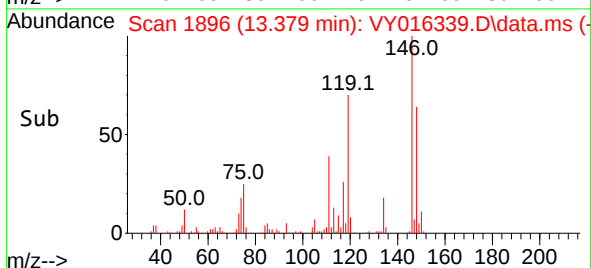
Reviewed By :Mahesh Dadoda 11/15/2023
 Supervised By :Semsettin Yesilyurt 11/15/2023

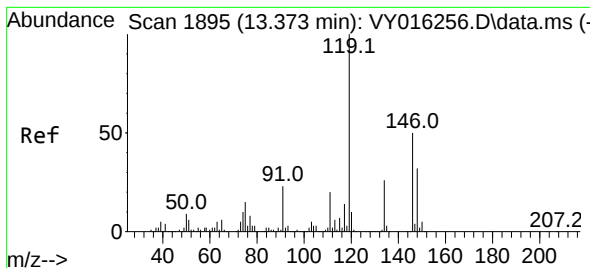


#86
 p-Isopropyltoluene
 Concen: 19.209 ug/l
 RT: 13.379 min Scan# 1896
 Delta R.T. -0.000 min
 Lab File: VY016339.D
 Acq: 14 Nov 2023 10:53



Tgt Ion:119 Resp: 152519
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.3 39.8
 91 23.5 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 19.191 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. -0.000 min

Lab File: VY016339.D

Acq: 14 Nov 2023 10:53

Instrument :

MSVOA_Y

ClientSampleId :

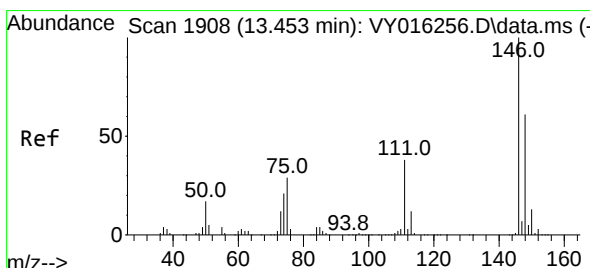
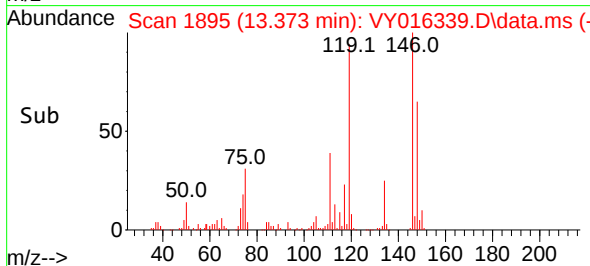
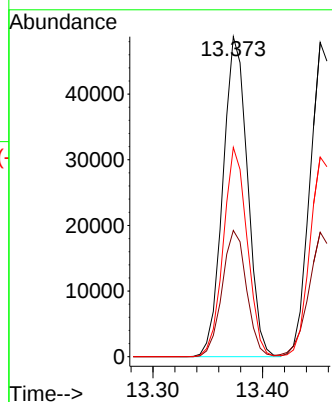
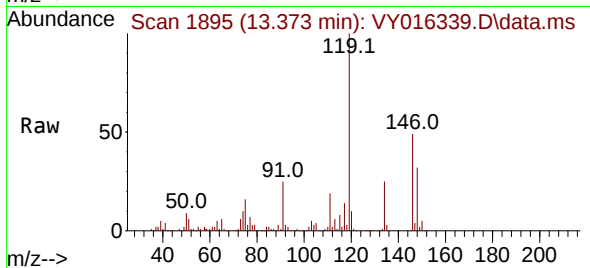
VY1114SBS01

Tgt Ion:146	Resp:	7584
Ion Ratio	Lower	Upper
146	100	
111	39.1	19.4 58.2
148	63.5	31.9 95.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023



#88

1,4-Dichlorobenzene

Concen: 19.393 ug/l

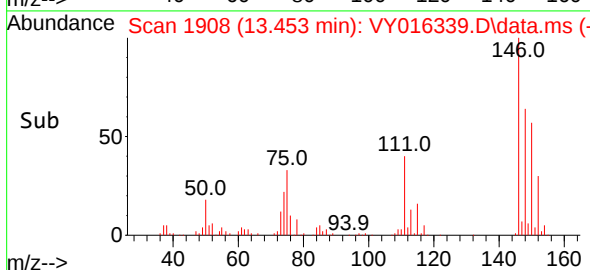
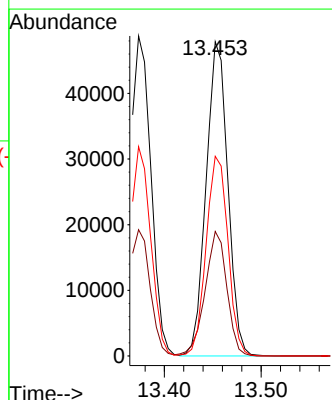
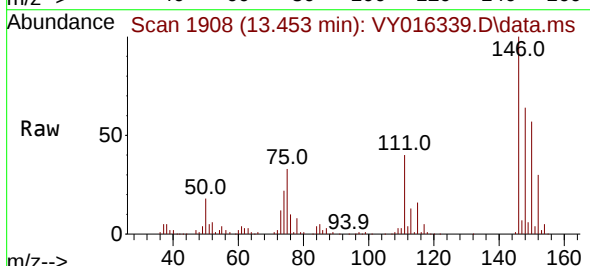
RT: 13.453 min Scan# 1908

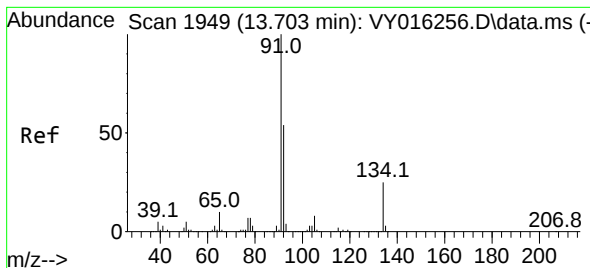
Delta R.T. -0.000 min

Lab File: VY016339.D

Acq: 14 Nov 2023 10:53

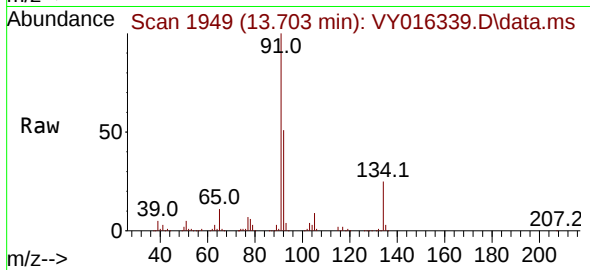
Tgt Ion:146	Resp:	74899
Ion Ratio	Lower	Upper
146	100	
111	39.7	18.9 56.7
148	64.0	32.1 96.5





#89
n-Butylbenzene
Concen: 19.306 ug/l
RT: 13.703 min Scan# 1949
Delta R.T. -0.000 min
Lab File: VY016339.D
Acq: 14 Nov 2023 10:53

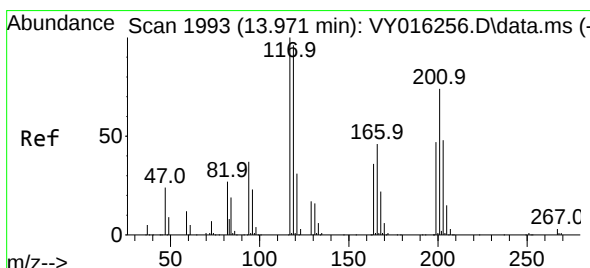
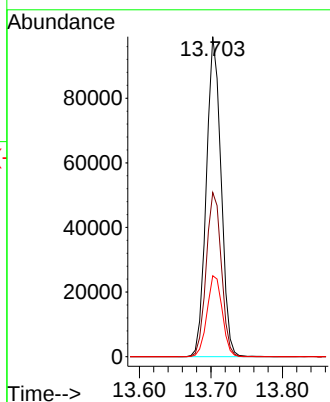
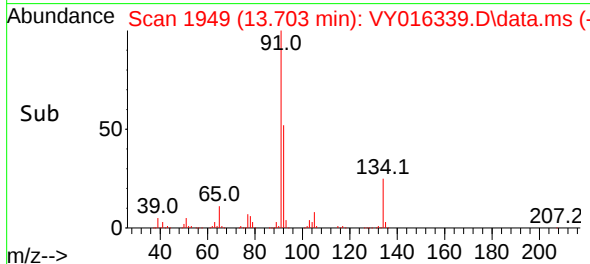
Instrument :
MSVOA_Y
ClientSampleId :
VY1114SBSD01



Tgt Ion: 91 Resp: 141560
Ion Ratio Lower Upper
91 100
92 52.7 25.4 76.0
134 26.2 12.6 37.6

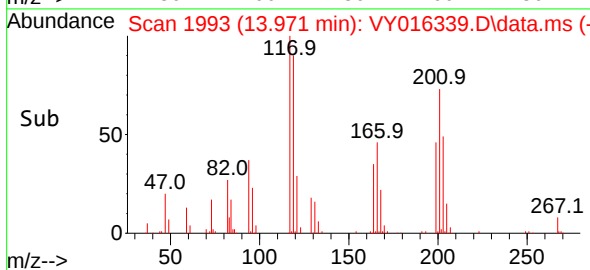
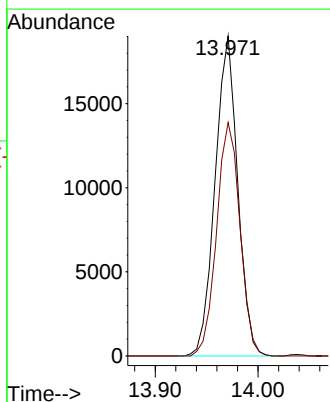
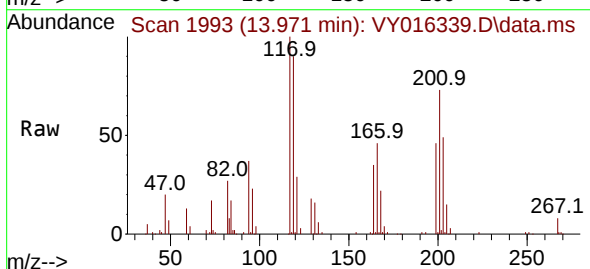
Manual Integrations
APPROVED

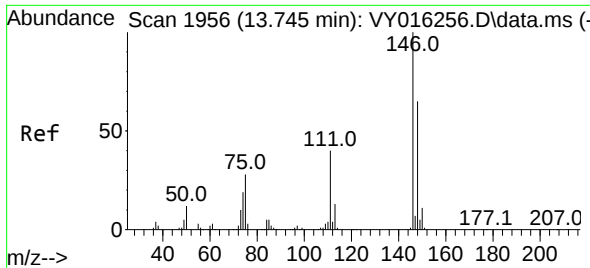
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023



#90
Hexachloroethane
Concen: 18.944 ug/l
RT: 13.971 min Scan# 1993
Delta R.T. -0.000 min
Lab File: VY016339.D
Acq: 14 Nov 2023 10:53

Tgt Ion:117 Resp: 29016
Ion Ratio Lower Upper
117 100
201 75.3 41.6 124.8





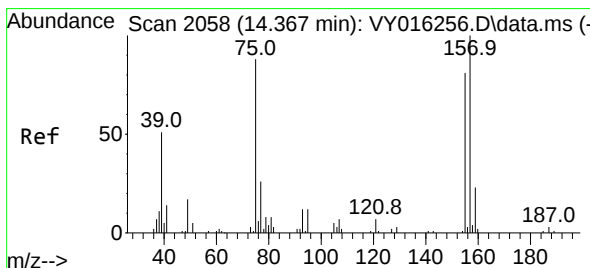
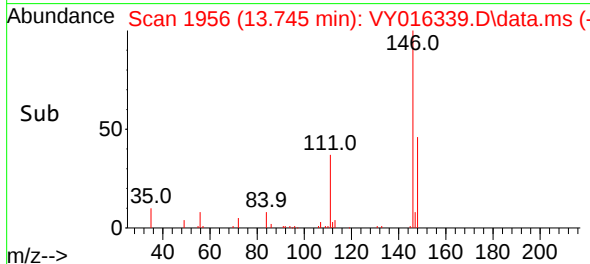
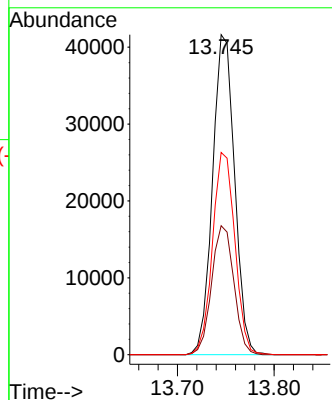
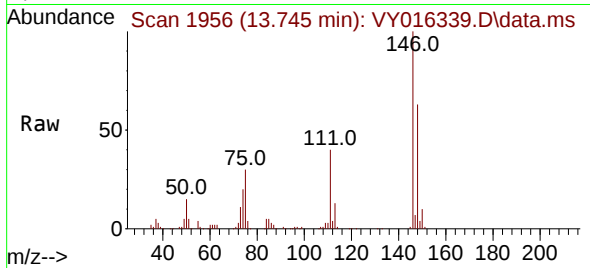
#91
1,2-Dichlorobenzene
Concen: 19.456 ug/l
RT: 13.745 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VY016339.D
Acq: 14 Nov 2023 10:53

Instrument :
MSVOA_Y
ClientSampleId :
VY1114SBSD01

Tgt Ion:146 Resp: 6588
Ion Ratio Lower Upper
146 100
111 40.7 19.7 59.0
148 64.2 32.0 96.2

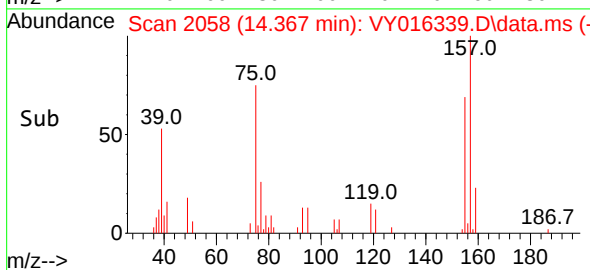
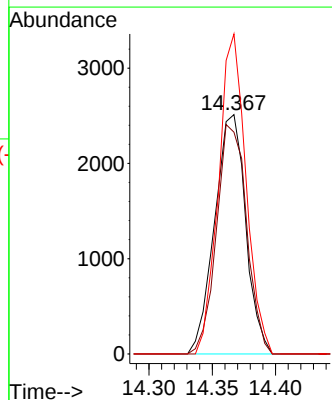
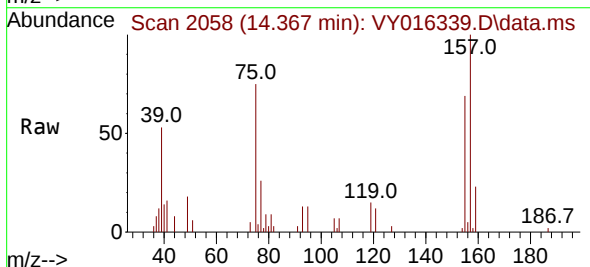
Manual Integrations
APPROVED

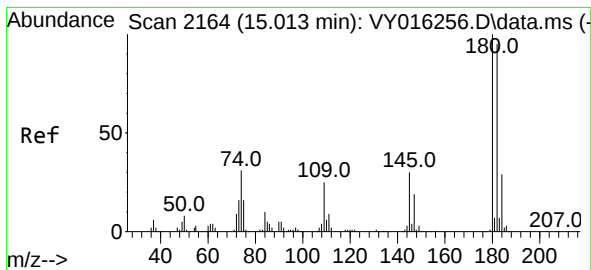
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.450 ug/l
RT: 14.367 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VY016339.D
Acq: 14 Nov 2023 10:53

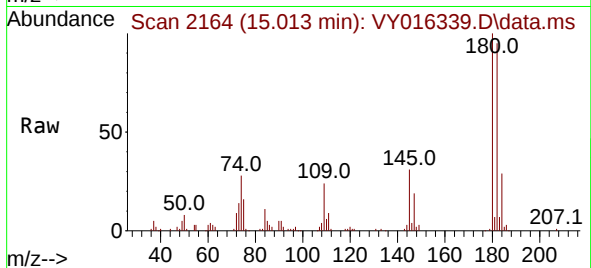
Tgt Ion: 75 Resp: 4281
Ion Ratio Lower Upper
75 100
155 92.9 41.5 124.6
157 118.3 51.8 155.5





#93
1,2,4-Trichlorobenzene
Concen: 19.720 ug/l
RT: 15.013 min Scan# 2164
Delta R.T. -0.000 min
Lab File: VY016339.D
Acq: 14 Nov 2023 10:53

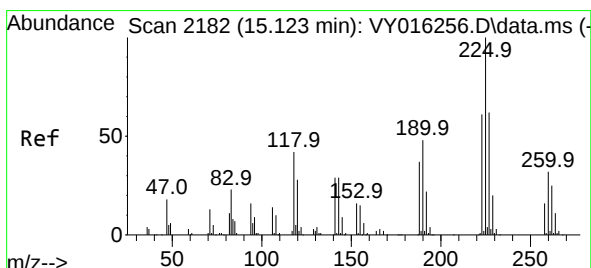
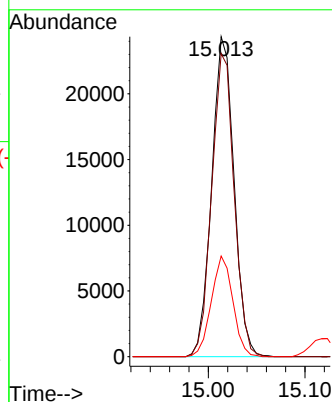
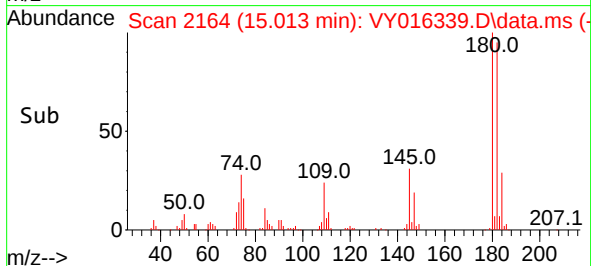
Instrument :
MSVOA_Y
ClientSampleId :
VY1114SBSD01



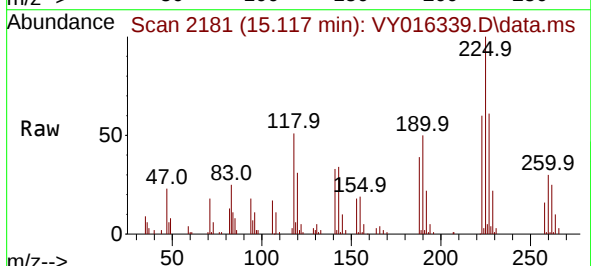
Tgt Ion:180 Resp: 38980
Ion Ratio Lower Upper
180 100
182 95.2 47.0 141.2
145 30.4 14.5 43.5

Manual Integrations
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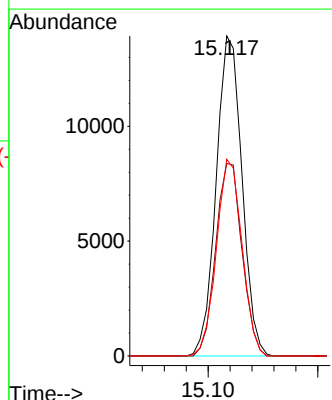
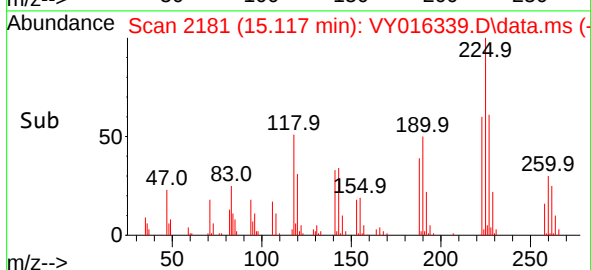
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023

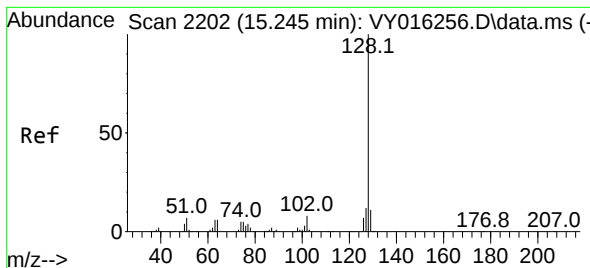


#94
Hexachlorobutadiene
Concen: 20.124 ug/l
RT: 15.117 min Scan# 2181
Delta R.T. -0.006 min
Lab File: VY016339.D
Acq: 14 Nov 2023 10:53



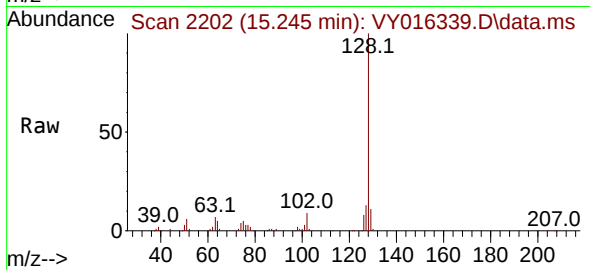
Tgt Ion:225 Resp: 22789
Ion Ratio Lower Upper
225 100
223 61.3 31.9 95.9
227 61.1 33.0 98.9





#95
Naphthalene
Concen: 19.346 ug/l
RT: 15.245 min Scan# 2202
Delta R.T. -0.000 min
Lab File: VY016339.D
Acq: 14 Nov 2023 10:53

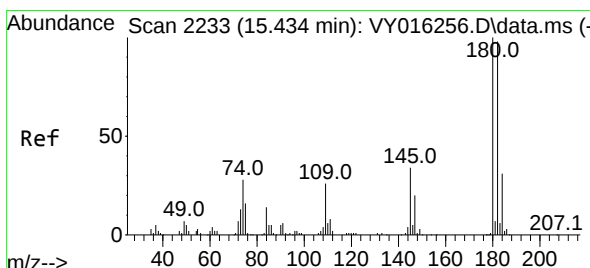
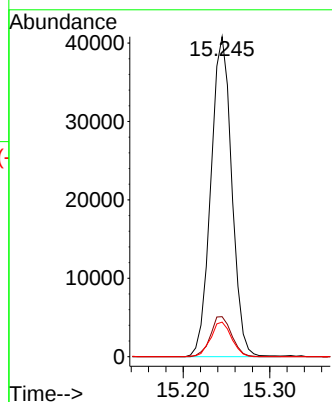
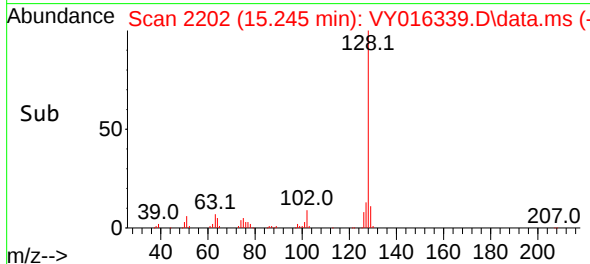
Instrument :
MSVOA_Y
ClientSampleId :
VY1114SBSD01



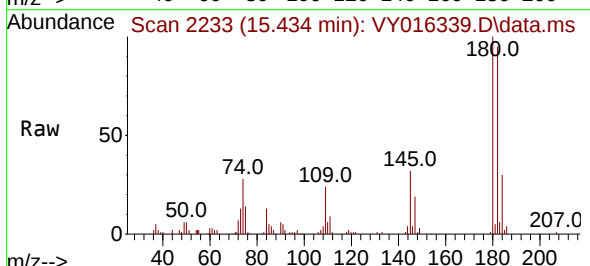
Tgt Ion:128 Resp: 6839
Ion Ratio Lower Upper
128 100
127 12.7 10.8 16.2
129 10.8 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023



#96
1,2,3-Trichlorobenzene
Concen: 19.514 ug/l
RT: 15.434 min Scan# 2233
Delta R.T. -0.000 min
Lab File: VY016339.D
Acq: 14 Nov 2023 10:53



Tgt Ion:180 Resp: 31905
Ion Ratio Lower Upper
180 100
182 94.9 47.3 141.8
145 32.7 15.4 46.2

